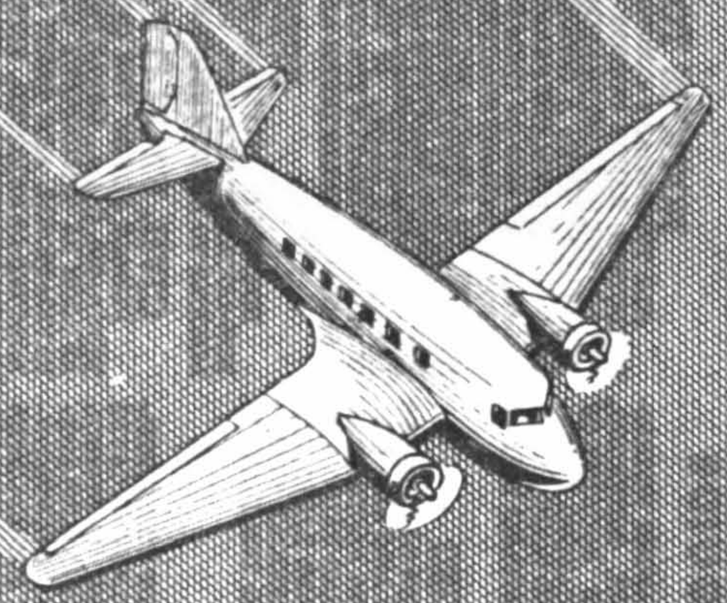
5-LB100156564883-s

Printed and bound in India

PRANAVA BOOKS

INDIA

AIRMAN'S GUIDE



NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 6 ..... JUNE 10, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI
AIR NAVIGATION RADIO AIDS AND AIRPORT DATA, LEGEND ..... XII - XIII
FLIGHT PLANNING CHARTS AND DATA PAGES ..... 1 - 143
V.H.F. RANGE CHARTS ..... 144 - 146
AIRWAY MILEAGES 147
NOTICES TO AIRMEN 148

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES, RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPERIMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

. AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

[redacted]
Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer, Durham (115)
Birmingham R,T (115)
"Central Park (115)
"Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton, Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (91)
" Pryor (91)
Demopolis (115)
Dothan A,R, (131)
Dothan
" Napier (131)
"Southern Airmotive (131)
Eden FM (115,117)
Elberta, Kaiser's Tract (131)
Elmore (115)
Enterprise (131)
Eufaula, Weedon (117)
Eutaw (115)
Evergreen, Middleton
Faircloth (131) (131)
Fayette Mun. (115)
Flomaton (131)
Foley, Barin (131)
Foley, Canal (131)
" Magnolia (131)
Ft. Payne, Davenport (91)
" DeSoto Park (91)
" Flying Service (91)
Gadsden (117)
" Goodyear (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville, Lakeman (115)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson, McKee (131)
Jasper, Walker Co. (115)
Josephine, Wolf (131)
Kaisers Tract (131)
Lillian, Faircloth (131)
Luverne (131)
Magnolia (131)
Maxwell R,T, (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile, Davis (131)
Montgomery
" Allenport (117)
" Dannelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
" Norman Bridge (117)
Muscle Shoals A,R, (91)
Ozark (131)
Prattville, Deatsville Aux. (115)
Prichard, Chastain's (131)
Robertsdale (131)
Scottsboro
" Flying Service (91)
" N. Sauty Base (91)
Selma
" Autaugaville (115)
" Craig R,T (115)
" Dallas (115)
" Selma-Selfield (115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuskegee (117)
" Moton (117)
Wolf (131)
[redacted]
Ajo (101)
Amado, Kinsley Ranch
Ashfork (79) (103)
Bisbee (103)
Bowie (103, 105)
Cactus, N. Phoenix (103)
Cameron (81)
Casa Grande
" Three Point (103)
Chandler, Williams T (103)
Clifton-Morenci (103, 105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
" Verde Valley (79)
Datelan (101)
Davis-Monthan T (103)
Deep Lake (81)
Douglas (103, 105)
" Forrest #2 (103, 105)
" International (103, 105)
" McNeal #1 (103, 105)
Duncan (103, 105)
Flagstaff, Koch (81)
Florence (103)
Forest #2 (103, 105)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #5 (101)
" #6 (101)
Globe, Cutter (103)

NEW FACILITIES: Gadsden, Ala., Camp Sibert (117) Dewey-Humboldt, Ariz. (76) Gilbert, Ariz. (103) Oneonta, Ala., Moody (91) Russellville, Ala, Wood-Dearing (91) Bridgeport, Ala., Alstonaga (91) Headland, Ala. (131) Lanett, Ala., Valley (117) Livingston, Ala., Jackson (115) Tuscumbia, Ala., Tri Cities (91) Camp Verde, Ariz. (81) Glendale, Ariz., Gram (103) Winfield, Ala. (115) Atalla, Ala., Camp Sibert (117)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park (103) (101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A, FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales, Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" Ernest A. Love (79)
Quartzsite (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Mun. (103,105)
Sahuarita Flt Strip (103)
St. Johns (81)
Salome (101)
" Int. (101)
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-Monthan T (103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels Ranch (103)
Vail FM (103)
Valle (79)
Wellton (101)
" Smiley (101)
White River
" Fort Apache (103)
Wickenburg Mun (101)
" Sky Ranch (101)
Willcox (103)
" Cochise Co. (103)
Williams (79)
" AAF T (103)

Winslow A, R (81)
Yucca (79)
Yuma, Co. (101)

Yuma, Mars. (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville A, R (89)
" Manila (89)

Brinkley (89)
Bruins FM (89)
Cabot, Baily (89)
Calico Rock, Copp (89)
Camden, Grayson (113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant, Overhold (89)
Crossett, Ashley Co. (113)
DeWitt, Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Springs (89)

Fayetteville (89)
Flippin, John's Airpk (89)
Forrest City (89)
Fort Smith (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs, Memorial (89)
Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern, Harlas (89)
Manila AAF (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)
Ola, Norman (89)
Ozark, Whitman (89)
Palmer, Gilbrech (89)
Paris (89)
Pine Bluff R (89)
"Grider (89)
" Toney (89)
Prairieville (89)
Prescott A, FM (113)

Rogers (89)
Round Pond (89)
Russellville, Ark. Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart A, R (89)

" Carlisle (89)
" Dockery (89)
" Hazen (89)

Texarkana A, R (113)

Walcott #2 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis, Bowen (89)
" Levee (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Flgt Strip (19)
Anderson, Pinnegar (19)
Antioch (75)
Arcata H, R (19)
Armitage (77)
Artesia, Cranford (139)
Auburn FM, A (73)

Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake, Wishon, USFS
Bay Point FM (73) (77)
Beckwourth, Plumas (19)
Bellflower (139)
Belmont A, FM (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, (19)
" Int. (19)
Blythe A, R (101)

" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros. (101)
Bridgeport, Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term. T (139)
Calexico (101)
Callahan FM (19)
Camarillo, Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castaic FM (99,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth H, FM
Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg, Borges-Clarksburg (73)
Clarks Dry Lake (99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Baldwin (77)
Corning (19)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (75)
Covelo, Round Valley (19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City, Hughes (139)
Daggett A, R (99)
Davis, State Forestry
" University (73) (73)
"Winters Flgt Strip (73)
Death Valley Junction
" Amargosa (77)
Delano-Kern Co. (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba, Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos
" Eagle (73)
Downey FMH, FM (99,139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (19)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido, Engel (99)
Estrella (75)
Eureka A, FM (19)
"Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
" Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch (19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)
Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler (77)
" Fresno-Skylark (77)
" Furlong (Co. Club) (77)
" Hammer (77)
Fullerton (139)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)

Glendale H (139)
" Grand Central T (139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A, FM (73,75)
Hamilton H, T (73) (75)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch (73)
Helendale (99)

Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A, FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit (101)
Inyokern, Armitage T (77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport, Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (19)
Lebec FM (75,99)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey, Colburn (77)
Little River
" Mendocino (19)
Livermore OLF (75)
" Sky Ranch (75)
Lodi (73)
" Lingl's (73)
" Lodi Arpk (73)
Lomita (139)
Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R, T (99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R, T (99,139)
"Culver City (139)

" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake, Hoberg (73)
McClellan T (73)
McCloud, Ash Creek (19)
Madera (77)
Manteca, Summer Home (73)
Manzanar, Inyo Co. (77)
March T (99)
Maricopa, Cuyama (75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca, Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar, MCAS T (99)
" OLF (99)
Modesto (73)
Moffett T (75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill, Valley (73)
Mountain View (75)
" NAS (Moffett) R, T (75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark H, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk. (139)
Oakland R, T (73,75)
Oceanside H, FM (99)
" Camp Pendleton (99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai, Henderson (75)
Olancha, Adamson (77)
" Monache Meadows (77)
" Templeton Meadow (77)
" Tunnel (77)
Ontario T (139)
Oroville (19)
Otay NAAS, Brown (99)
" Wolfe's Arpk (99)
Oxnard Flgt Strip (75)
" Ventura Co. (75)
Palisades (139)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A, R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)

Puente Sky Ranch (139)
Quincy, Sky Harbor (19)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" GreatWestern (77)
Rialto, Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)
Ramona (99)
Rosamond, Barnes (99)
" Liberty (99)
Rosedale (99)
Sacramento R, T (73)
" Branstetter (73)

" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)

Salton Sea (99,101)
" Borego Hotel (101)
" Clark's Dry Lake (99,101)
" Ocotillo (101)
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T (99)
" Pelk (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T (73,75)
" Gap H (75)
San Jacinto, Harmon (99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley (99)
San Mateo (75)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro, Terminal Island T (139)
San Rafael
" Hamilton H, T (73)
" Marin Co, Inc. (73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co. (139) (139)
Santa Barbara R, T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez, Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)
Sausalito FM (73,75)
Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora, Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford, Newton (77)
Strathmore, Trauger (77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co. (75,77)
" Taft-Kern Co, Aux (75,77)
" Taft-Kern Co. #2 (75,77)
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona A, R (77,99)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp.
Turlock (73) (77)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)
Vallejo Sky Harbor (73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)
" Mirage (99)
Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (19)
Westhaven

Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co. (19)
Winters Flgt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville, Vossler (77)
Yermo, Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City, Fremont Co. (35)
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35,39)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (26,35)
Creede (83)
Dacona FM (35,39)
Delta, Starr Nelson
Denver R (35,39) (81,35)
" Buckley T (39)
" Civil Air Patrol (39)
" Combs (39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont, Rutledge (39)
Durango (81)
" City-County (81)
Eads (35)
Eagle A, R (26,35)
Englewood (39)
Estes Park (26,35)
Fairplay, Teter (26,35)
Flagler (39,35)
Fort Collins (26,35)
Fort Morgan, Young (35)
Fountain FM (35,39)
Franktown FM (35,39)
Glenwood Spgs (26,35)
Golden, Creighton (39)
Granby (26,35)
Grand Junction R (26)
" Walker (26)
Greeley, Crosier (39)
Gunnison
" Meeker Ranch (35)
Henderson FM (35,39)
Holly, Romer (83)
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post (35)
La Junta R (35)
" AAF (83)
" Arlington #4 (35)
" Bridges (83)
" Las Animas (35)
" Rocky Ford (35)
Lamar (83)
Las Animas (35)

Limon, Stake's Prairie Port (35)
Lindon, Roderick (35)
Longmont (39)
Lowry T (39)
Mancos (81)
Meeker (26,35)
Mesita, Costilla Co. (83)
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB (39)
Rangely
"Rangely Heights (35)
Rifle (26,35)
Rocky Ford (35)
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff, Valley (35)
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (26,35)
Walsh, Griffin (83)
Watkins FM (35,39)
" East Colfax (39)
Westcliffe, Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (39)
Bristol
" Stephenson (55)

NEW FACILITIES: Gourdon, Ark. (113) Warren, Ark., Griffin (113) Parkin, Ark., Lessenberry (89) Cameron, Ariz., Marble Canyon (81) Monticello, Ark. (113) Clinton, Ark., Patton (89) Selma, Calif., Palomino (77) Montrose, Colo., new (35,81) San Rafael, Calif., San Francisco Bay (75) Benecia, Calif., Southampton Bay Air Harbor (73) Arcata, Calif., Redwood T (19) Mt. Ida, Ark., Toloson (89) Westwood, Calif. (19) Tuscon, Ariz., Mission (103) Carlisle, Ark. (89) Kremmling, Colo. (35) Almyra, Ark., Prairieville (89) Batesville, Ark. (89) Alma, Ark., (89) Apache Junction, Ark. (103) Arkansas City, Ark. (113) Bieber, Calif. (19) Hamburg, Ark., Carpenter (113) Centerville, Calif., Center (75) **Fair Oaks, Calif., Sky Nook (73)** Gilroy, Calif. (73) Golden, Colo. FM (35,39) Beebe, Ark., Addington (89) Mesa, Ariz., Oasis (103) Payson, Ariz. (81) Peach Springs, Ariz. (79) South Phoenix, Ariz. (103) Taylor, Ariz., Taylor-Snowflake **(81) Wickenburg, Ariz. (101)** Winona, Ariz. (81) Arkansas City, Ark. (113) De Queen, Ark. (109) Calpine, Calif. (19) Ansonia, Conn. (55) Springerville, Ariz., Springerville-Eager **(81,105)** St. Michaels, Ariz., Window Rock **(81) Chino, Calif., Cal-Aero (139)**

JUNE 10, 1947

Canaan (55)

Danbury (55)
East Hartford
" Rentschler T (55)
Essex, Doane (55)
Groton, Trumbull (55)
Hartford R (55)
" Brainard T (55)
Madison
" Hammonasset (55)
Meriden FM, T (55)
Milford (55)
Monroe (55)
Moosup FM (57)
New Haven (55)
Plainfield (57)
Plymouth
" Waterbury (55)
Putnam (57)
Salem (55)
Shelton, Island (55)
Simsbury (55)
Somers, Kinsley (55)
Stonington (57)
Southington (55)
Wallingford
" Lufbery (55)
Waterford (55)
Watertown (55)
West Haven (55)
Windham (55)
Windsor Locks
" Bradley T (55)

DELAWARE

Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sunglo (67)
Frankford, Sussex (67)
Georgetown (67)
Harrington (67)
Laurel (67)
" Holly Brook (67)
Lewes, De Vries (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
Rehoboth Beach
" Rehoboth Acfters (67)
Seaford, DuPont (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T (67)

DIST. OF COLUMBIA

Washington R (61,69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)

DA

Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)
" Carlstrom (135)
" Dorr (135)
Avon Park (135)
" AAF (135)
Bagdad (131)
Banana River R (135)
" NAS T (135)
Bartow (135)
Bascom (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133,135)
Carabelle Flgt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Conners (135)
Crestview A,R (131)
Cross City A, R (133)
Daytona Beach A, R (133,
" Tomoka (133,135) 135)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dunnellon (135)
Eglin R, T (131)
Ellenton (135)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)
Ft. George Isl. FM (133)
Fort Lauderdale FM
" Davie (137) (137)
" NAS (137)
" West Prospect (137)
Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (135)
" (mun.) (135)
Gainesville (133)
" Stengel (133)
Green Cove Spgs
" Lee OLF (133)
Haines City (135)
Hawthorne (133)
Helm (131)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead (137)
" Mun. (137)
Immokalee Arfld
(Aux.) (137)
" Int. (137)
Jacksonville R, (133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)
Jacksonville
" Flemings Isl. (133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland AAF (135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach
Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center (135)
" Gray's (135)
Live Oak FM (131,133
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)
" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A,R, (135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center (137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka) (137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM (137)
Middleburg (133)
Milton (131)
" Whiting NAS (N.) R,
T (131)
" Whiting NAS (S.) (131)
" Santa Rosa (131)
Minneola, Kerlin (135)
Molino FM (131)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor (133,135)
Okeechobee, Connors
Orange City (135) (135)
Orlando R (135)
" AAB (Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin (133)
Palatka, Sawyer (133)
Panama City (131)
" City Arpk (131)
" Skyland (131)
" Tyndall R,T (131)
Pensacola A,R, (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk (131)
" NAS (Chevalier) T (131)
" Corry (E.&W. Flds)
" OLF #1 (131) T (131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial (133,
Pinecastle (135) 135)
Plant City (135)
" Robinson (135)
Pompano, North Pom-
pano (137)
Punta Gorda AAF (135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted (135)
" Pinellas Co. Master
T (135)
" Piper-Fuller (135)
" Sky Harbor (135)
Sanford (135)
" Osceola (135)
Sarasota-Bradenton (135)
" Commercial (135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland (135)
Sebring (135)
" Hendricks (135)
Spencer (131)
Stock Isl. LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O. Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R,T (131)
Valparaiso, Eglin R,T (131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)
Valparaiso, Eglin #9 (131)
Venice, Mun. (135)
" Fette Acft Serv. (135)
Vero Beach A,H (135)
Wauchula (135)
West Palm Beach R (137)
" Morrison T (137)
Whiting NAS (N.) R,T
" NAS (S.) (131) (131)
Whitehouse (133)
Williston, Montbrook (133
Wimauma (135) 135)
Winter Haven
" Gilbert (135)
" Orlando Aviation
Country Club (135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A,R, (133)
" Turner (133)
" Turner #1 (117)
Alma A,R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R,T (117)
" NAS (Camp Gordon)
" Lakewood (117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser (133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady (133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton, (117)
Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T,R (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Donalsonville (131)
Douglas
" So. Georgia College
(133)
Dublin (117)
East Point LFM (117)
Elberton (117)
Fitzgerald (133)
Fitzgerald, Three "B"
Folkston (133) (133)
Forsyth, Zellner's (117)
Gainesville (117)
Glennville (119)
Glynco R,T (133)
Griffin (117)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
HomervilleFlgtStrip (133)
Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange, Calloway (117)
Lake Park #2 (133)
Lawrenceville, Wages
(117)
Lawson R,T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings (117
Millen
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton (117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A,FM (133)
Sandersville,
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
"Savannah-Wilmington
Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant
Memorial (117)
Thomasville AAF (133)
Thomasville Com. (133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion
(91)
Turner A,FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Moody (133)
" Rocky Ford #1 (133)
Vidalia-Lyons (117)
Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington, McGill (117)
Waycross AAF (133)
" Civil Air Patrol (133)
Waynesboro (119)
Whitman Flgt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip
Arco (23) (22)
Big Springs (6)
Boise R (22)
" Air Terminal T (22)
" Bradley (22)
Buhl (23)
Burley A,R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A,R (6)
Eagle FM (22)
" Floating Feather (22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs
(23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)
McCall (3)
Mackay (23)
Malad City R.A (23)
Montpelier (23)
Mountain Home FM (22)
" AAF (22)
" Site 25, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A, FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's)
(23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar
"S" (23)
Strevell H, A (23)
Tensed
" Tekoa Fly. Club (3)
Twin Falls (23)
Victor (Bennett Fld)
(23)
Weiser (3)

ILLINOIS

Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (59) (41,
Armington, Medbury 45)
Ashburn LFM (43,45)
Aurora (43)
Beardstown (39)
Belleville
" Gundlach (39)
" Scott T,R (39,41)
Bensenville
" Sky Haven (43)
Bloomington (45)
Blue Island, Howell (43)
Blue Mound
" McCoy (41)
Bradford H,A (41,45)
Cairo, N. Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill. (45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R,T (43,45)
" Ashburn (43)
" Chicago-Orchard
Place (43)
Chicago Heights
" Ashland Ave. (43)
Clinton Fly. Club (45)
Dalton City, Moody
Danville (45)
" Vermilion (45)
Decatur (41,45)
" Park District (45)
De Kalb
" Interstate (45)
Des Plains
" Ravenswood (43)
Dixon (41,45)
East St. Louis
" Parks Metropolitan
(39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R,A (59)
" Co. Memorial (59)
Elgin
" Kane County (43)
Elmhurst
" Chicago-Elmhurst
(43)
Earlville, Clearview (45)
Fairfield
" B & K Fly. Svc. (59)
Fiatt, Hi-Way (41,45)
Flora (59) (45)
Franklin Park FM (43)
Freeport, Albertus (45)
Galesburg (41,45)
George (59)
Gillespie, H & S (39)
Glenview NAS T,R (45,
" Pal-Waukee (43) 43)
Grayslake (43)
Harvey R (43,45)
" Rubinkam (43)
Havana, Matansas (41,
Highland-Winet (39) 45)
Hillsboro (41)
Hinsdale (43)
Homewood
" Washington Park (43)
Hoopeston, Russell's
Horace (45)
" Midway Aviation (45)
Jacksonville (39)
Jerseyville FM (39,41)
Johnsburg Arpk. (31)
Joliet R,A (43,45)
Kankakee (46)
La Grange, Stinson (43)
Lansing
" Chicago-Hammond
(43)
La Salle, Vogel (41,45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport (43)
Lombard
" York Township (43)
Macomb (41,45)
Marion (59)
" Macarin (59)
Mattoon (59)
Mendota
" Fitzgerald (41,45)
Moline R, (41,45)
Momence (43)
Monmouth (41,45)
Morris (43)
Morton (41,45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (39)
Muddy, Harrisburg-El
Dorado (59)
Nashville (41)
Newark FM (45)
Northbrook
" Sky Harbor (43)
Oaklawn, Harlem (43)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41,45)
Peoria A,R (41,45)
" Mt. Hawley (41,45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian
" Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Rantoul, Chanute R,T
Roanoke (45)
" Phil-Larry (41,45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (43)
St. Elmo
" Smith Aviation (59)
St. Francisville
" Presbyterian Church
#3 (59)
Salem, Leckrone (59)
Sandwich (45)
Scott T, R (39,41)
Shelbyville
" Shelby Co. (59)
Sheldon
" Disosway (45)
" Powell Bros. (45)
South Beloit
" Beloit-So. Beloit (31)
Springfield A,R (39,41,
Steger, Will Co. (43) 45)
Sterling (41,45)
Stockton (45)
Streator Air Svc. (45)
Sycamore
" Kishwaukee (45)
Taylorville (41)
Tinley Park
" Prosperi (43)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun.
Van Orin (41,45)
Warren, Evergreen (31)
Waukegon (31)
" Lake Co. (31)
Wooddale (43)

INDIANA

Advance FM (47,143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (59)
Attica (45,47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (59)

NEW FACILITIES: Richfield, Idaho, Adkins(23) Shoshone, Idaho, Andrew(23) Woodstock, Conn., DeFlorez(57) Milford, Ill.(45) Mt. Erie, Ill., Van Fossan's(59) Annapolis, Ind., Port O'The Woods(45,47) St. Georges, Dela., Red Lion (67) Fort Lauderdale, Fla., South Fla.(137) Groveland, Fla.(135) Howey in the Hills, Fla., Howey (135) Live Oak, Fla., Hurst (133) Leesburg, Fla., Aviation Center (135) Miami, Fla., Tropicaire (137) Panama City, Fla., Hutchinson's Aviation Port (131) Port St. Joe, Fla., Sandpiper (131) Samsula, Fla., Spruce Creek (135) Silver Springs, Fla., Aero Lodge (133) Tarpon Springs, Fla.(135) Winter Garden, Fla.(135) Brunswick, Ga., Arpk (133) Brunswick, Ga., Malcolm-McKinnon (133) Jesup, Ga.(133) Fremont, Ill., Sharon (41,45) Lincoln, Ill., Flying Service (41,45) Pona, Ill.(41) Virden, Ill.(41) Jacksonville, Fla., # 1 T (133)

Bedford,Sky Haven (59)
Bloomfield,Crays Fly. Service (59)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Bluffton,Bluffton-Wells County (47)
Boswell (45,47)
Brownsburg (143)
Buck Creek,Fair Acres (45,47)
Bunker Hill (47)
Camby,Owen Pathfinder (143)
Cedar Grove FM (59)
Chalmers
" Monticello (45,47)
Charlestown (59)
Clayton FM (59,143)
Columbus (59)
" Atterbury AAF (59)
Connersville
" Mettel (47,59)
Cook, Cedar Lake (45)
Corydon,Sky Park (59)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" Straub (59)
Danville,Mecca (143)
" Stewart (143)
Decatur,Hi-Way (47)
Demotte,Chester (47)
Dora, Lincoln (47)
Dyer, Triangle (45)
Elkhart (47)
" East Side (143)
Elnora (59)
Elwood (47)
Enos[illegible]n (59)
Evansville R, T (59)
Fort Wayne R (47)
" Baer T (47)
" Myers (47)
" Smith (47)
Francesville,Jackson (45,47)
Frankfort,Lockwood (45,47)
Franklin Fly.Fld (143)
Freeman (59)
French Lick Sprgs (59)
Gary (45,47)
" Lakeside (45)
" Skyway (45)
Goodland,Kentland Air Service (45,47)
Goshen A,R (47)
" Midway (47)
Greencastle FM, A (47,143)
Greenfield FM,A (47,
" Farmers (143) (143
Greenwood
" White Cloud (143)
Hartford City (47)
Hobart,Gamble (47)
Huntingburg (59)
Huntington (47)
" Wakefield (47)
Indianapolis R,T (47, (143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville,Bush (59)
" New-Albany (59)
" Riverview (59)

Kendallville (59)
Kentland (45,47)
" Kentfield (45,47)
Kingman (47)
" Kingman Fly Svc (45,
Knox, Starke Co.(45,47)
Kokomo,Ruzicka (47)
" Mun. (47)
Ladoga,Himes (143)
Lafayette R (45,47)
" Aretz (45,47)
" Halsmer (45,47)
" Putdue Univ. (45,47)
" Reimer (45,47)
La Fontaine
" Shaffer's (47)
Lake Village (45)
Lanesville (59)
Lapel (143)
La Porte (45,47)
Lawrenceburg Valley
Lebanon (143) (59)
Liberty Center,Miller
Linton (59) (47)
Liston (143)
Logansport (45,47)
" Logan (45,47)
Lowell FM (43,47)
Madison
" AAF (59)
" Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Martinsville (143)
McCool H,FM,A (45,47)
Medaryville (45,47)
Mentone (47)
Michigan City (45,47)
" Mid-City (45,47)
Milroy (143)
Mishawaka (47)
" Sportsman (47)
Monticello (45,47)
Morgantown FM (47,143)
Mount Vernon (59)
Mulberry,Stair (45,47)
Muncie (47)
" Delaware (143)
New Carlisle,Gordon (45,47)
New Castle (143)
" Western (143)
Noblesville (143)
North Judson,Kellerman
North Manchester (45,47)
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown,Emison (59)
Ockley (45,47)
Orleans
" Silent Brook (59)
Patoka (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (45,47)
Portland,Bringham(47)
" Steed (47)
Preble, Liniger (47)
Ramsey,Bush (59)
Rensselaer (45,47)
" Jasper Co. (45,47)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rising Sun (59)
Rochester (47)

Rushville,Howell(143)
Salem,Boss-Denier(59)
Scottsburg,Harbor(59)
Selma,Huffman(143)
" Reese Fly.Svc.(143)
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals, Stiles (59)
South Bend R (45,47)
" Bendix T (45,47)
" Cadet (47)
" Chain Lakes (45,47)
Stout T (143)
Syracuse, Spink-Wawasee (47)
Terre Haute R (47,59)
" Hulman (47,59)
" Paul S. Cox (47,59)
Tolleston,Skyway (43)
Utica,Riverview (59)
Valparaiso
" Urschell (45,47)
Vevay (59)
Vincennes,O'Neal (59)
Wabash
" Whittenberger (47)
Warsaw Mun. (47)
" Smith (47)
Washington (59)
" Mun. (59)
Wellsboro (45,47)
" Triangle Air Svc.
West Lebanon, Cork (45,47)
Winchester,Coxey's(47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita,Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" Int. (41)
Audubon Awys (41)
Bellevue (29)
Burlington A,R (41)
Carroll (29)
Cedar Rapids (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun.(29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41,45)
Columbus Jct. (41)
Council Bluffs (39)
Davenport,Cram(41,45)
Decorah
" Tatro Fly. Svc. (29)
Denison (28)
Des Moines R,T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys (28)
Earlham FM (41)
Eldora,Emmerts (29)
Elkader Arpk (28)
Emmetsburg,Ryan (29)

Estherville (29)
Fiscus, Briggs (41)
Fort Dodge,Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood FM (37,39)
Grimes, Dodge (41)
Grinnell,Niederhauser Airways (41)
Grand Mound,Grand(41)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove
" Nicholson (28)
" Flying Service (28)
Independence (29)
Indianola FM (41)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Lenox (41)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Marshall (29)
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)
Mechanicsville,
" McVille (41)
Melbourne (41)
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr,Mt.Ayrport(41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
" Flying Service(41)
Ocheyedan,Peters(28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville,Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R,T (28)
Sloan FM (28)
Spencer (28)
" Hart (28)
Spirit Lake.
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland,Liberty (28)
Traer (29)
Villisca,Tyler (41)

Washington (41)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A,H (85)
Arkansas City (87)
" Baird (87)
Ashland (89)
Atchison,Hawk's (43)
Atwood (37)
Augusta (85)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddit Hutton (37)
Bucklin (85)
Burdett Fly. Club (37)
Caldwell (87)
Cassoday (85)
Cedar Pt.,Clothier (37)
Cedar Vale (88)
Chanute A, R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly. Fld(85)
Colby (37)
Coldwater,Stark (85)
Concordia Mun. (37)
" Blosser (37)
Derby (87)
Desota FM (41,43)
Dodge City A,H (85)
" AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville,Fisher's
El Dorado (87) (43)
" Frasier (87)
Elkhart (83)
Ellinwood (37)
Ellsworth (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R, T (37)
Fort Scott (89)
Fredonia (85)
Garden City A, R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A, H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton,Strickland(85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington (37)
Holyrood (37)
Hoxie (37)

Hugoton, Hap (85)
Hutchinson A, R (89)
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson (88)
Junction City,Ritter(37)
Kansas City,
" Fairfax T (43)
Kanorado,Winter (35)
Kechi FM (85,87)
Kingman (85)
" Hi-Way (85)
Kiowa Fly. Svc. (86)
La Crosse, Hoover (37)
Lakin,Puckett's (83)
Larkinburg (37)
Larned (37)
Lawrence (48)
Leavenworth
" Le Compton (43)
Lebo A, R (37)
Lenexa, Allman (43)
Lenora (37)
Liberal (85)
" Glenn Martin (85)
Lyons (37)
McPherson (37)
" Janssen Skyiell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie (37)
Mankato (37)
Marion (37)
Marshall R, T (37)
Marysville (37)
Meade (85)
Medicine Lodge (85)
Moline,Elk Co. (85)
Moundridge (37)
Ness City,Nessco (37)
" Ness Fly.Club(37)
Newton (87)
Norton (37)
Oakley (37)
Oberlin (37)
Olathe, Hall's (43)
" NAS R, T (41,43)
" OLF #2 (43)
" OLF #4 (43)
" OLF #7 (43)
" OLF #9 (43)
Ottawa (43)
" Conard (43)
Oxford FM (85,87)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" Atkinson (89)
Plains (85)
Pratt (85)
" AAF (85)
Protection (85)
Russell (37)
St. Francis (35)
St. John, Firebaugh (85)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)
Sedan, Walters (85)
Seneca (37)
Sharon Springs (36)
Sherman T (43)
Smith Center (37)
Smoky Hill R, T (37)
South (85)

Stafford (86)
Stanley,Country Club (43)
" State Line Arpk (43)
Sterling Air Svc.(37)
Summerfield (37)
Syracuse (83)
" Int. (83)
Topeka R, T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (85,87)
Tribune,Pickrel-Farmer Fly.Svc (35)
Viola FM (85,87)
Wakefield,Elkins (37)
Walker (37)
Wellington (87)
Wellsville,Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)
" Beech (87)
" Cannon Ball (87)
" Cessna Acft (87)
" Culver (87)
" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" Strother (87)
Woodston (37)

KENTUCKY

Ashland (63)
Bowling Green A,R (91)
Campbell (91)
Campbellsville (59)
Cedar Bluffs,Princeton (91)
Coal Run, Pikeville (61)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville,Goodall (59,61)
Darfolk, Codell (61)
Dillon, Harlan (93)
Eastwood FM (59)
Elkton, Standard (91)
Falmouth (61)
Fort Knox,
" Godman R, T (59)
Frankfort ,
" Silver Lake (59,61)
Glasgow,Davis-Norris
Glendale (59) (91)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Hazel, Marian (91)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Knifley,Streeval (59)
Lebanon (59)
" Betzel (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
Bogalusa (129)
Camp Polk,North (127)
" South (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memorial (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A, H (129)
" Boise de Lafayette (129)
" Girard (129)
Lake Charles R (127)
" AAF (127)
" N Lake Charles (127)
Lake Providence (113)
La Place FM (129)
Leesville (127)
Lynch, Cumberland Valley (93)
Madisonville (59)
" Agee Williams (59)
Manchester, Sky (61)
Mayfield
" Graves Co. (91)
Maysville (61)
Melbourne,Ross (61)
Middlesboro (93)
Milford (61)
Monterey,Karsner (59)
Monticello
" Rice (93)
Mt. Washington (59)
Nolin, Kernek's (59)
Owensboro (59)
Paducah
" McCracken (91)
" Howell (59)
Paintsville (61)
Paris (61)
Prestonburg (61)
Raceland
" Aiken (61)
Richmond, Port Richmond (61)
Shelbyville,Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)
West Point (59)

Leesville Landing Strip (127)
Logansport, Johnson (113)
Madisonville FM (129)
Mansfield
" De Soto Parish(113)
Many
" Hart (113)
Minden (113)
Moisant International T (129)
Monroe A, R (113)
" Selman (113)
" Arpk (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton
" Burnside & Mc Donald (113)
New Iberia (129)
" Iberia Parish (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
" NAS (129)
" Menefee (129)
" Moisant Inter'l (129)
New Roads
" False River (129)
North Camp Polk(127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Quebec,Arneson(113)
Ruston (113)
Shreveport R,T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Slidell, Pravado (129)
Sondheimer,Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood (129)
Winnfield
" David G. Joyce (113)
Winnsboro (113)

MAINE

Andover (18)
Ashland,Snowman's (18)
Auburn
" Dingley (18)
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A, R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton,Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doanes (18)
Bridgewater
" Nelson's (18)

Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Figi Strip(18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A, R (18)
Hudson, Robbins (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston (18)
" Central (18)
Limestone FM (18)
Livermore Falls (18)
Madison
" Weston (18)
Maliawamkeag, Moscone's (18)
Mapleton, Community Arpk (18)
Mars Hill (18)
Millinocket A, R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Patten
" Webb's (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A, R (57)
Presque Isle R, T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway (18)
Rumford (18)
Sanford, Goodall (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (57)
Turner
" Rollins Flying Svc (18)
Washington, Austin (18)
Waterville (18)
West Bath
" New Meadows (57)
West Buxton
" Hilltip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T (67)
Andrews R, T (67,69)
Annapolis, Seaplane T (67)

Annapolis Ins. (67)
" Dixie (67)
" Lee Annapolis (67)
Baltimore R, T (67)
" Diffendahl (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM,A(67,69)
Berwyn
" Capital (69)
Brandywind R (67,69)
" Curtis (69)
Camp Springs
" Andrews R, T (67, 69)
Chesterton, Gill (67)
Churchville
" Aldino (67)
Clinton
" Hyde (69)
College Park (69)
Croom
" Columbia Air Center (69)
Cumberland (65)
" Mexico Farms (65)
Doncaster FM (67,69)
Easton
" Webb (67)
Edgewood Arsenal (67)
Elkton, Lovett (67)
Fort Meade (69)
Frederick
" Stevens (67)
" Frederick City (67)

Glenburnie
" Whipp (67)
Greenbelt
" Schrom (69)
Hagerstown (67)
Hyattsville
" Queens Chapel (69)
Meekins Neck FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (69)
Priest Point
" Webster T (67)
Riverdale
" Erco (69)
Rock Hall (67)
" Faybrook (67)
Rockville
" Congressional (69)
Salisbury (67)
" Delmarvia (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminister,CAP(67)
Worton
" Andelot (67)
" Kent (67)

MASSACHUSETTS

Adams (55)
Agawam Land & Seaplane Base (55)
" Bowles (55)
Auburn (57)
Ayer (57)
" Littleton (57)
Barre Plains
" Hiller (55)
Bedford H,T (57)
Beverly (57)
Billerica
" Shawsheen Pines(57)
Boston R (57)
" Logan T (57)
Brant Rock FM (57)
Brockton (57)
Brookfield (55)
Canton
" Boston-Metro (57)
Chatham (57)
Chicopee Falls
" Westover R,T (55)
Clinton,Bolton (57)
Dedham FM (57)
Dracut,Richardson(57)
East Brookfield (55)
Easton FM (57)
Edgartown (57)

Essex,Cape Ann (57)
Everett FM (57)
Falmouth (57)
" Otis (57)
Fitchburg (57)
Franklin FM (57)
Gardner (55)
Great Barrington (55)
Groton (57)
Hatfield,Pilgrim (55)
Haverhill (57)
Hyannis (57)
Lawrence (57)
Leicester (57)
Mansfield (57)
" Clifford Sherman Memorial (57)
Marlboro (57)
Mendon (57)
Montague
" Turners Falls (55)

Nantucket Isl. (57)
New Bedford (57)
Newburyport
" Plum Island (57)
Norfolk
" Franklin-Norfolk(57)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)
" Pilgrim (55)
North Attleboro
" Wilkins Fly.Fld (57)
North Grafton
" Grafton (57)
Norwood (57)
Oak Bluffs (57)
Orange (55)
Otis (57)
Palmer
" Metropolitan (55)
Peabody FM (57)
Pepperell, Glow (57)
Pittsfield (55)
Plymouth (57)
" OLF (57)
Provincetown Landing
Revere (57) (57)
Seekonk
" Providence (57)
South Boston LFM (57)
Southbridge (55)
South Easton,Ames(57)
South Weymouth T (57)
Spencer (57)
Springfield (55)
Squantum R,T (57)
Taunton,King (57)
Vineyard Haven
" Martha's Vineyard (57)
Wareham,Co.Club(57)
West Barnstable
" Cape Cod (57)
Westboro (57)
Westfield R (55)
" Barnes (55)
Westover R,T (55)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (57)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141),

Armada,Center (33)
Atlanta (15)
AuGres (15,33)
Baldwin (15,33)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Elements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15,33)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15,33)
Clio, West's (33) --
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystall Falls
" Dr.A.L.Haight(15)
Davison,Seely's(33)
Detroit H (33,141)
" Burns (141)
" Detroit City T (141)
" Ford (141)
" NAS (141)
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co. (33)
Douglas
" Saugatuck-Douglas
Dowagiac (31,33)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15,31,33)
Fraser,McKinley(141)
Galesburg
" Avia.Co.Club (33)
Gaylord
" Otsego Co. (15)
Gladwin A,H (15,33)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)

Harbor Beach (15,33)
Harrison (15,33)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton R (15)
" Isle Royale Sands (15)
Houghton Heights
" Houghton Lake (15)
Howell (33)
Indian River
" Calvin Campbell(15)
Ionia (33)
Iron Mountain,Ford (15)
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Loretto
" Norway Township(15)
Ludington
" Mason County(15,31)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15,31)
Manistique
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31,33)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15,33)
Owosso
" Shiawassee Co. (33)
Paw Paw (39)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)
Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15,33)
Raco (15)
Rexton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (33,141)

Roscommon (15,33)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (33,141)
St. Helen (15,33)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (33,15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Dr.Haines Fly. (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air Term.
" Stinson (141) (141)
West Branch
" La Porte (15,33)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (33,141)
Wyandotte,Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)

Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth R (14)
" Williamson-Johnson Ely (14) (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)

Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T Montevideo (11) (14)
Monticello,Hincks (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake New Ulm (14) (14)
Ortonville (11)
Osseo Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (28)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)
St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Batesville (89,115)
Beulah,Dossett (113)
Biloxi,Keesler R,T(129)
Boldwyn (91) (129)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Jones-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)
" Parker & Dowdle(115)
Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (139)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport #1 (129)
"#2 (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole. (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)

Laurel (129)
Leland
" Lakeview (113)

Louisville Air Svc.(115)
Lulu, Bass (89)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Moorhead,Everett (113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)

Philadelphia,Friendly Flying Service (115)
Picayune (129)
Pickens,Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115)
Scooba (115)

Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo (115)

Tutwiler,Strange(111)

Tylertown (129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City(113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage,Myers (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)
Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig,Ward (39),
Diamond (89)
Ellisville (39)
Excelsior SpgsA,FM(41)
Farmington (89)

Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adkins Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas City R,T (41,43)
" Heart of America(43)
" Kansas City-Grandview (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)

Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl (89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)

" Lambert-St. Louis
" Ross (39) T(39,41)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)
Sedalia (41)
" AAF (41)
Sikeston (89)

Slater (41)
Spanish Lake H,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Awyst (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros. Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forrest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

NEW FACILITIES: International Falls,Minn.(14) Buffalo, Mo.(89) Cabool, Mo.(89) Joplin, Mo.,Harper (89) Seymour, Mo.,Owen (89) Van Buren, Mo.(89) Willow Springs, Mo.(89) Dixon, Mo.(89) Exeter, Mo.,Clover Hill (89) Fredericktown, Mo.(89) Gainesville, Mo.(89) Quabbin, Mass H, FM (55) Grand Marais. Mich R (15) Bridger,Mont.(7) Pelkie,Mich.,Baraga (15) New Baltimore, Mich.,Anchor Bay (33) Armada,Mich(33) Bad Axe,Mich.(33) Chesaning,Mich.(33) Fremont,Mich.,City of Fremont (33) Hally,Mich.(33) East Tawas,Mich.,Iosco Co.(33) New Hudson,Mich.,Knapp (33) Lowell, Mich.(33) Plainwell,Mich.,McKay (33) Albion,Mich.,Morgan's (33) Gobles,Mich.,Wesler (33) Brainerd,Minn., Pine Beach (14) Red Oak,Mich.,Lost Creek Sky Ranch (15) Topaz,Mich.,Big Bear (15) Tawas City,Mich (33) Gaithersburg,Md.,Davis (67) Hanover,Mass.,Clark (57) Coldwater,Mich.,Branch Co.(47) Graafschap,Mich.,Tulip City (33) L'Anse,Mich.,Muzzy's (15) Monroe,Mich.,Custer (47,49) Quinnesec,Mich.,Northland (15) Romeo,Mich.(33) St. Johns (33) Utica,Mich.(33) Kentwood,Miss.(129) Carrollton,Mo.(41) Eldon,Mo.,Model Arpk (41) Galt,Mo.,Ace High (41) Gorin,Mo.,Wylies (41) Hayti,Mo.,Downing (89) Kahoka,Mo.,Montgomery (41) Lucerne,Mo.,Myers-Hughs(41) Owensville,Mo.,Depperman (41) Palmyra,Mo.(41) Rushville,Mo.,East Atchison (43) St. Clair,Mo. (41) St. Joseph,Mo.,Glenata (43) Dexter,Mich.,Washtenaw (141) St. Joseph,Mo.,Lake Contrary (43) Trenton,Mo.,Embry (41) Tuscumbia,Mo.,Sky Lake (41) Warrensburg,Mo.,Sky Haven (41) Warrenton,Mo.,Zims (41) Warsaw,Mo.(41) Berkley,Mass.,Myricks (57)

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston A, R (6)
" Int. (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C.
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico,Richart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vme (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)
[redacted]
Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (32)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)
Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron H,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Cozed,100th Meridian
Crawford (27) (37)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
"Grundman (39)
Norfolk (37)
North Platte R (37)
Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'J' Lazy V(35)
" Idle Acres (35)
Ravenna (37)
Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney H, A (35)
Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)
Weeping Water
" Steckley Co. (39)
West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Basalt (77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77) (77)
Genoa,Tahoe Sky Harb.
Goodsprings FM(79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Hoot Gibson's(79)
" Sky Haven (79)
" Vegas Sky Corral(79)
Lovelock (22)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)
Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Val'y (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Ventosa (23)
Wadsworth FM (22,77)
Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)
" Merrimack Bay (57)
Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18)
Hampton (57)
Hinsdale,Brattleboro—Hinsdale Arpt. (55)
Hooksett Land & Seapl.
Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)
Lebanon A, R (55)
Manchester,Grenier R, T (57)
Nashua, Boire (57)
" Daniel Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Whitefield (18) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Adamston,Ocean Co.(71)
Almonesson (69)
Aridover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)
Barrington,Merrill(69)
Basking Ridge Sommerset Hills (71)
Belmar,Monmouth Co. (71)
Belvidere,Martins Creek (53)
Bendix,Teterboro T(71)
Blairstown,Lake Susquehanna (53,71)
Blockwood (69)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69,71)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Cassville LFM (71)
Chatsworth,Coyle (71)
Clarksville,Nassau (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth LFM (71)
Florence(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)
Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley (71)
" North Brunswick(71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69)
Pittstown,Alexandria (67)
Rahway,Westfield (71)
Readington,Solberg-Hunterdon (71)
Red Bank (71)
Richland,Cavolios (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbury (69)
Woodbine (71)
Woodbridge,Shinn-Woodbridge (71)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
" Tracy (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A, (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)
Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM (105)
Hobbs R, A (107,121)
" AAF T (107,121)
Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,State College (105)
Milnesand, Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Peralta FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)
Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord (55)
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge (55)
Bethpage,GrummanT(71)
Billings,Freedom Plains (55)
Binghamton (53)
Blasdell-Hayes (51)
Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (18)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (71)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E. Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic T (71)
Fisher's Isl,Elizabeth (55)
Flatbush H,FM (71)
Flushing (71)
Floyd Bennett R,T, H (71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport, Bath-Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R, T (71)
" Nassau (71)
Herkimer, Hayduk (55)
Hicksville Arpk (71)
Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene,Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston,Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleischman (55)
Massapequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (55)
Medina (51)
Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co. (55)
Montour Falls,Martin
Moravia (53) (53)
Narrowsburg (53)
New Baltimore,Farly's (55)
Newburgh,StewartR,T (55)
" Stanton's-Newburgh Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55)
New Paltz (55)
New Rochelle H,FM (71)
New Springville,Staten Island (71)
New York NAS,Floyd Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co. Line (51)
" Shawnee Fly.Svc.(51
Northville,Sacandaga Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton
Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (61)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae (53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot (55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow (55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (55)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park LFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)
Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley (55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T. (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream, Columbia (71)
Walden,Newburgh-Walden (55)
Wallkill,U.S.Mil.Acad. #2 (55)
Wappingers Falls (55)
Warwick-Wickham (55)
Watertown R (53)
" Bradley (18)
Wellsville,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester Co. T (55)
Whitesville, Community (53)
Williamsville,Sheridan (51)
Wilson Flying Fld (51)
Wingdale (55)
Wollcottsville FM (81)
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)
Asheboro (95)
Asheville-Hendersonville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Barco (97)
Beaufort-Morehead City (97)
Balloon #1 (95)
Belmont (95)
Black Mountain (93)
Bogue (97)
Brevard,H & R (93)
Burgaw (97)
Burlington (95)
" Faircloth (95)
Camp LeJeune T (97)
Camp MacKall (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (93)
" Cox (93)
Dorton,Brookenbrough (93,95)
Draper,Tri-City (93)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95,93)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft. Bragg,Balloon (95)
" Pope R,T (95)
Franklin (93)
Gastonia,Mun.(95,93)

NEW FACILITIES: Ainsworth, Neb.,Mun.(28) Trenton, Neb. (37) Prattsville, N.Y.(55) Jonesville,N.Y.,Jewett (55) Errol, N.H. (18) Littleton,N.H.(18) Geneva,Neb.,Flying Service (37) Grand Island,Neb.,Roush (37) Kearney,Neb.,Harmon (37) Republican City,Neb.,Waldo Air Service (37) Superior,Neb.,Mun. (37) Ashland,N.H.,Riverside (57) East Jaffrey,N.H.,Silver Ranch (55) Franklin,N.H.,Awys Inc.(57) Columbus,N.J.,Mahalchik (71) Woodston,N.J. (67) Jamesburg,N.J.,Forsgate Arpk Inc.(71) New Brunswick,N.J.,Mid-Jersey(71) Robbinsville,N.J.,Trenton-Robbinsville (71) Rocky Hill,N.J.,Princeton (71) Vineland,N.J. (67) Williamstown,N.J.,Star Harbor (71) Woodbury,N.J.(67) Deming,N.M.,Cooper (105) Estancia,N.M.(83) Grants,N.M.,Landing Strip (81) Lordsburg,N.M.,Kuykendall (103,105) Moriarty,N.M.,Longhorn (83) Duanesburg,N.Y. (55) Gardiner,N.Y. (55) Ghent,N.Y.,Kline-Kill (55) Mattituck,N.Y.(57) Sayville,N.Y.,New Sayville (71) Abbottsburg,N.C.,Bowless (95) Ayden,N.C.(97) Bladenboro,N.C.(95) Coats,N.C.,Smith's (93) Creswell,N.C.(97) Fort Calhoun,Neb. FM (37)

Gastonia,Spindle City (93,95)
Gibsonville, McLean Bros. (95)
Goldsboro, Seymour-Johnson (97)
Greensboro R (95)
" High Point T (95)
" Routh (95)
Greenville (97)
Henderson (97)
Hendersonville **(93)**
Hickory (95,93)
High Point,Fraley(95)
Hoffman, Camp McKall AAF **(96)**
Jacksonville (97)
Julian,Gilmore #1 **(98)**
Kannapolis (95)
" Carolina Arpk **(95)**
Kings Mtn (95,93)
" **Bridges**(95,93)
Kinston (97)

" **Smith** (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95,93)
" Burris (93,95)
Louisburg,Franklin(97)
Lumberton H (95)
Manteo FM (97)
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan,Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville, Harris (95)
Morganton
" **Lenoir (93)**
Morehead (97)
Mt. Airy (96)
" **Colonial (96)**
Mt. Olive (97)
New Bern FM (97)
" **Simmons-Knott(97)**
New River, Camp Le Jeune **T (97)**
Newton,Conover **(95)**
North Wilkesboro (95
Oak Grove T (97) 93)
Oxford,Young (95)
Pinehurst,Knollwood(95)
Plymouth (97)
Polloksville,Oak Grove
Pope R,T (95) T (97)
Raeford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks(95) 95)
Reidsville (95)

" Warf (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)
Sanford Lee Co.(95)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95)
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93)
Statesville (95,93)
Sylva (93)
Tarboro (97)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weeksville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville (95)
Wilmington Arpk(97,119)
" Bluethenthal(97,119)
" Peiffer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate,McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(95)
Yanceyville,Caswell(95)
Zebulon (97)

NORTH DAKOTA

Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (49)

Alliance,Taylorcraft(49)
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ(63,61)
Avon Lake LFM(49,141)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green FM(49,
" Bricker (49,47) 47)
Brecksville FM(49,141)
Brookfield (51)
Bryan,Stombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63,61)
Chesapeake,Huntington (63)
Chillicothe,Jones(63,61)
" Scioto Trail (63,61)
" Skypark (63,61)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
" Lunken T (61)
" Mt. Healthy (61)
" Parks Watson(61,141)
Cleveland R,,T (141,49)
" Brooklyn (141)
Clinton Co. T,R, H (63,
Coldwater (47) 47,61)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahio (47)
" South Dayton (47,61)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)
E.Liverpool,Swaney(51)
Elyria A,H,FM(49,141)
Fairfield R,FM(47,61)
" Patterson T (47)
Findlay A,H (49,47)
Fostoria,Snyder (49,47)
Fremont,Slager (49,47)
Galion (49)
Gallipolis,Twin Cities (63,61)

Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61,47)
Harrison (61,59)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard FM (63)
Hillsboro (61)
Hooker,Port Lancaster (63)
Hudson,Mid City (141)
Jackson,Shumate (63,61)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63,47)
Lancaster (63,61)

LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63,47)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63,61)
Marion (63,47)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61,47)
Milford,Knore(63,61)
Montezuma,Lakeview(47)
Morrow,Happy Landings
Mt.Liberty FM(63) (61)
Mt.Orab FM (63,61)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49,47)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141
North Hamilton(61)
North Royalton LFM(49,
Norwalk (49) 141)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ(59,61,
Patterson R,T (47) 47)
Paulding Co. (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63,61)
Put-In-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (47)
Sandusky, Hinde (49)
Sharonville, Cincinnati (61)
Sidney (47)
Solon (141)
Springfield (63,47)
" Crabill (63,47)
Summit Stn LFM (63)
Tiffin (47,49)
Tiltonsville, Scott(65)
Toledo R,T (49,47)
" Franklin (49,47)
" Nat'l Aviation (49,47)
Toronto (65)
Troy,Waco-Troy (47)
Urbana, Grimes(63,47)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" Port Koneta (47)
Warren, Hall (51)
" Airways (51)
" Port Warren (51)
" Tyndall (51)
Washington Court (47,61
House,Wash.Arpk(63)
Watertown,Reed's(63,61)
Wauseon,Grieser (47)
Wellington (141)
Willard (49)
Williamsfield

Willoughby (141)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski (61)

Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)
Atoka (85)
Bartlesville (85)
" Phillips T (85)
Beaver (85)
Blackwell (85)
" Marks (85)
Boise City (83)
" Comm #2 (83)
Bristow (85)
Buffalo (85)
Calumet, Bomhoff(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" Mariash (87)
Claremore,Rogers
Clinton (85) **(85)**
" Victory (85)
Cordell (85)
Cushing (85)
Davies - Jolly Aero(85)
Delhi (85)
Dill (85)
Duncan,Halliburton(85)
Durant,Comm. (109)
" Baker (109)
Edmond,Central (87)
Elk City, Bennett (85)
El Reno (87)
" Mustang (87)
Enid , AAF (85)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A, R (85)
Geary (85)
Grandfield (85)
" #3 (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish(85)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)
Kingfisher (87)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley, Univ. (89)
Muskogee,Davis (85)
" Hatbox-Muskogee(85)
Mustang FM (85,87)
Newall FM (85,87)
Newkirk,Skypark (87)
Norman,Westheimer (87)
Nowata (85)
Okemah (85)
Oklahoma City R,LFM, (A)(85,87)
" Garthoeffner (87)
" Nuckols (87)
" Tinker R,T (87,85)
" Tulakes (87)
" Wiley Post (87)
" Will Rogers T (87,85)
Okmulgee (85)
" Com. (85)
Pauls Valley (87)
Pawhuska (85)
Perry (85)
Picher,Jameson (89)
Ponca City,A,H (85)
Post T (85)
Poteau (89)
Pryor, Long (85)
Red Fork FM (85)
Roosevelt R (85)
Sapulpa (85)
Sayre (85)
Seiling
" - Cook's (85)
Seminole (85)
Sentinel, Mem'l (85)
Shawnee Mun. (85)
Skiatook FM (85)
South Coffeyville
" Jensen (85)
Stillwater #1 (85)
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)

Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" Brown (85)
" Commercial (85)
" Harvey Young (85)
" North (85)
Verdigris River FM(85)
Vici (85)
Vinita, Fallin (85)
" Topper (85)
Walters (85)
Washington FM (87,85)
Watonga (85)
Waynoka
" - Kelsey (85)
Weatherford (85)
Wetumka, Boren (85)
Wewoka, com. (85)
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkali Lake (22)
Arlington (2)
Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard
Bend (2) (143)

Boardman (3)
Brooks, Sky Acres (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave,Junction
" Illinois Valley **(19)**
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &H(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Willamette (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
Joseph (3)
Klamath Falls A,R **(19)**
La Grande A,H,FM **(3)**
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,T (19)

" Piercy **(19)**
Milton, Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth, Adams (2)
Mulino,Green Acres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park (143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R, T-(143) (143,2)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Sutherlin,Sky Ranch(19))
Sweet Home,Langmack (2)
The Dalles A,R (2)
Tillamook R, T(2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-Worden Schuler(143)
" Tulana (19)

PENNSYLVANIA

Allentown R (53,67)
" Bethlehem (53,67)
" Convair (67)
Altoona R (65)
"Stultz (65)
Ambler, Wings T (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" Patterson Heights (51)
Beaver Meadows
" - Green Acres (53)
Bedford (79)
Bellefonte (53)
Berwick (57)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" McKean Co. (51)
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" Pittsburgh-Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil H,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53)
Danville (53)

Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)
Ebensburg,Keystone(65)
Elysburg,Shamokin(53)
Emmaus (67)
Erie R (51)
Erie County (51)
" Port Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater Pittsburgh **T**
Greensburg (65)
" Pittsb.-Greensb(65)
Greenville (51)
Grove City (51)
Hanover, Devener **(67)**
Harrisburg R (67)
" State T (67)
" Penn-Harris **(67)**
Harrison City **(65)**
Hazleton
" Reifenberg (63)
Hershey (67)
Homesburg LFM (69)
Hookstown FM (65)
Huntingdon (65)
Indiana,Hamilton **(65)**
Jersey Shore (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM **(53)**
Lancaster (67)
" mun. (67)
Langhorne,Old Star(69)
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" Merry's Pymatuning
Lock Haven (51)
" Cub Haven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" Port Meadville (51)
Mercer (51)
Middletown FM (67)
" Olmsted T (67)
Millbrook R (51)
Milton (53)
Mohrsville,Estler **(67)**
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (69) (53)
Myerstown, Lebanon Co. (67)

NEW FACILITIES: Maiden,N.C.,Grigg & Bynum (93) Gold Beach, Oreg.,Leith's (19) Spindale,N.C.,McDonald (93) Stanfield,N.C. (95) Malvern,Pa.,Paoli-Malvern (67) Williston,N.D.,(10)Division Street,Oreg(143)Fairview, Oreg.,Skylife (143) Lebanon,Ohio,Hightman (61,47)Jonesville,N.C.,Rendezvous (93,95) Morganton,N.C.,Riverside (93) Roanoke Rapids,N.C.,Halifax Co.(97) Winterville,N.C.(97)Woodville,N.C.(97)Argusville,N.D.,Walkinshaw (11) Selfridge,N.D.(10) Page,N.D.,Conrad Bros.(11)Ada,Ohio (47) Alliance,Ohio,Whiteley (49) Archbold,Ohio,Short's (47)Austintown,Ohio (51) Bluffton,Ohio,Flying Service (47) Bryan,Ohio (47) Continental,Ohio (47) Lake Milton,Ohio (51) Newton Falls,Ohio (49) North Kingsville,Ohio,Stout (51)North Lima,Ohio,Calvin (51) North Lima,Ohio,Elser (51) North Lima,Ohio,Welsh Fly. Svc.(51) North Madison,Ohio,Tuttle (49) Woodworth,Ohio,Southern Awys (51)

New Alexandria A.FM
New Castle (51) (65)
New Hanover (67)
" Layfield (67)
New Kingston,Taylor (67)
North Springfld FM(51)
Nicholson,Mt.View(53)
Norristown,Patco(69)
" Valley Forge (69)
North Springfld FM(51)
Olmsted T (67)
Olyphant,Mid Val'y(53)
Osceola Mills (55)
Paoli,Phila.Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Buehl (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pitcairn,Pitt-Wilkins (65)
Pittsburgh R (65)
" Allegheny T (65)
" Bettis (65)
" Greater Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville,Schuylkill (67)
" Stowe-Pottstown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgeway, Green (51)
St. Mary's (51)
Salix (55)
Sayre, Valley (53)
Scranton (53)
Selinsgrove (53)
Seven Valleys FM (67)
Slatington FM (53)
Somerset (55)
State College Air Depot **(53)**
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53) (53)
Tunkhannock,Skyhaven
Tyrone Speedway (65)
Utahville (51)
Vandergrift (65)
Wallaceton,Albert(51)
Warren (51)
Waynesburg,Greene
Waynesboro(67) (65)
Wellsboro,Grand Canyon (53)

West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bamberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
" Rowe (95)
Calhoun Falls,Bentley (93,117) (95,119)
Camden,Woodward
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119,93)
Darlington,Hartsville
Elloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (119)
" Coronaca (119)
Hartsville (95)
Honea Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)

North Augusta (119)
Orangeburg,Hawthorne
" Jennings(119) (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
" Mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A,R (11)
Winner (28)
Yankton (28)

TENNESSEE

Ashland (91)
Chattanooga R,T (91)
Clarksville,Outlaw (91)

Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)
Graham (91)
Green Brier FM(91)
Henning,Keith (89)
Hohenwald, Brown (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Stewart (89)
" Kennon (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)

Alamo,Kahler (123)
Albany,Taylor (107)
Alice A, R, (123)
Alor AAF (123)
" #10 (123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (127)
Arlie (85)
Aragon #5 (121,105)
Arlington,Midway (111)
" OLF (111)
" Sky Ranch (111)
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
" St Edwards (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
" Mayan Ranch (125)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big Spring R,T (107,121)
" U&S Fly.Svc(107,121)
Bonham
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,
" White (107,121,125) 125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" Rio Grande Valley T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Chase (123)
Childress R (85)

Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (88)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cabannis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
" mun. (109)
" "75" (109)
Crane,Crane Co. (107)
Crosbyton,Paulder (107)
Crystal City(123)
Cuero (125)
" Edgerton (125)
Cox AAF (109)
Cypress,Jackson (127)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111,109)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville H (109, 111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)

Eden (107,121,125)
Edinburg,Com. (123)
Edna (125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111,109)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107, 121)
Ft.Stockton,Dyche(107, 121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson (127)
Friona,Benger (83)
Gainesville AAF (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127) (127)
Gorman (107)
Grand Prairie(111
Grauwyler Park H,(111)
Gregory FM (123)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
Guadalupe Pass V,FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen
" Com. (123)
" Mun. (123)
Harpersville FM, A(107)
Hart, Roper (83)
Haslet H,FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)

Hondo AAF (125)
Houston R,FM,T (127)
" Ellington (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart (127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville(125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chupadera Rnch(123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
Winston (107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Yoas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Louise (125)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)

Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121,105)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mathis,Lake Mathis(123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission,
" Moore (123)
" Moore #1 (123)
" Moore #3 (123)
Monahans,Mun.(107,121)
Moore (123)
Moore **#3** (123)
Morton,CochranCo. (83)
Mt. Pleasant (109)
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New **Braunfels,Clear Spring #5 (111)**
Odessa,Ector Co.(107, 121)
Old **Ocean** (127)
Olney **(107)**
Orange **(127)**
" Brown (127)
Orla,Tex-Line (105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner
Post (107) (123)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)

Preston (127)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
RandolphR,T (125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,12
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs,Buzz(107)
Rockport (123)
Rock Spgs,Sherrill(121)
Rodd T (123)
Rosenburg,Lane (127)
Rotan (107)
Ryan #3 (121,105)
Saginaw (111)
Salt Flat R,A **(105)**
San Angelo T **(107,121)**
" Goodfellow **R (107, 121)**
" **No.Concho (107,121)**
" **Sky Harbor (107,121**
San **Antonio,Alamo R,T (111,125)**
" **Bexar Co. (111)**
" **Brooks T (111)**
" **Davis (111)**
" **Hurt (111)**
" **Kelly R, T(111,125)**
" **Lake (111)**
" **Leon Valley (111)**
" **Martindale #4 (111)**
" Mission (111)
" Randolph R,T(111,125)
" **Stinson T** (111)
" Yates (111)
San Benito (123)
Sanderson Land.Strp(121)
San **Marcos R,T** (125)
" Thompson **(125)**
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 **(111)**
Seminole **(107,121)**
Seymour **(107)**
Shamrock (85)
Sherman (109)
" **Gaskin** (109)
" **Perrin** (109)
Sierra Blanca (105)
Simms **(109)**
Sinton **(123)**
" Community (123)
Smithville (125)
Soncy FM (83)
South Plains T **(107)**
Spearman (83)
Spring Branch FM **(111, (125)**
Spur (107)
Stamford (107)
" Arledge (107)
Stanton FM (121,107)
Stephenville (107,109)
Stinnett (83)
Sulphur Spgs FM,A,H (109)

NEW FACILITIES: Conway, S.C.(119) Kingtree,S.C.,Gamble (119) Buffalo, S.D.,Harding Co.(10) Gettsburg, S.D.(11)Arlington,S.D.,Lake Poinsett (11) Lake Preston,S.D. (11)Lemmon, S.D.(10)McIntosh,S.D. (10) Murdo,S.D.(27) Oldham,S.D.(11) Selby,S.D.,Rehenberg (10) Bison,S.D.,Universal (10) Wall,S.D.(27) Webster,S.D.(11) Chattanooga,Tenn.,Thomas (91) Greenfield,Tenn.(91) Abilene,Tex.,Maker (107,121) Goldthwaite,Tex.(107) Mt. Pleasant,Tex.,Hoffman(109) Winnsboro,Tex.,Mulinax (109)Franklin, Tenn.,Air Service (91) Newman, Tex H (105) Bristol,Tenn.,Tri-City T (91). Graham,Tex.(107) Coventry,R.I.(57) Acala,Tex.,Kelly's(105)Obion,Tex.,Morris(89) Castroville, Tex.,Riomedina(109) Bishopville,S.C.(119) Chester,S.C.,Bratton (93) Clio,S.C.,Mack Lamar (95 Redfield,S.D.,Deiter (11) Selby,S.D.,Rebenburg (10) Athens,Tenn.,Grey (93) Cleveland,Tenn.,Waterlevel (93) Copperhill,Tenn.,Copperhill-Ducktown (93)Glenmary,Tenn.,Pemberton (93) Arlington,Tex.,Pulley(111) Austin,Tex.,Aero-Tel (125) Dallas,Tex.,Marshall's (111) Decatur,Tex.(109) Fairfield,Tex.,Eagle (109) Ft. Worth,Tex.,Skyview (111)Ft.Worth,Tex.,Southworth (111) Fredericksburg,Tex.,Gillespie (125) Graford,Tex.,Costello(107,121) Jacksboro,Tex.,Rodeo City (109) Irving,Tex.,Arpk (109) Kerrville,Tex.,West **End** (125) Memphis,Tex.,Mun.(85)New Braunfels,Tex.,Faust (125) St. Jo,Tex.(109) Snyder,Tex.(107,121) Stenton,Tex.(107,121) Philipsburg,Pa.,Black Moshannon (51)

Sweetwater,Avenger (107,121)
Taft-Wareham (123)
Taylor (125)
Teague,Gage (109)
Temple,Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (83)
Texon, Parker(107,121)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde,Garner(121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Valasco,Brazosport
Vernon (85) (127)
" Int. (85)
" Victory (85,107)
Victoria
" Aloe AAF (123)
" Aloe #10 (123)
" Foster (123)
" Foster #4 (125)
Waco A, R (109)
" Mun. (109)
" Blackland #1 (125)
" Newland(125)
" Rissel (125)
Waldron (123)
Wamahachie A, FM (109)
" Ellis Co. (109) (109,
Weatherford A, FM (11)
" Parker Sky Camp
Webster FM(127) (111)
Wellington (85)
Weslaco,Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch(107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A,R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A, H(111,125)
" Int. (111,125)
Zuehl #6 (111)
[redacted]
Beaver (79)
Bountiful,Sky Haven(23)
Brigham (23)
Bryce Canyon R,A(79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R,A (79)
Ephraim,Manti-Eph(23)
Fairfield A, R (23)
Fillmore (79)
Goulding Trading Post
" Monument Val'y(81)
Grantsville (23)
Ranksville R, A (81)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co.(23)
Low Figt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)
[redacted]
Bennington (55)
Berlin,Barre-Montpelier (18)
Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox (55)
Montpelier R (18)
Newport (18)
Rutland,(55)
St.Johnsbury,Brown(18)
Springfield,Hartness
Swanton,Austin(18) (55)
Vergennes FM (18)
White River Junction
" Twin State (55)
[redacted]
Alberta (97)
Alexandria A, FM (97,69)
" Beacon (69)
" Crossroads (69)
Altavista (95)
Annandale,Springfield
Arcola R (67) (69)
Bedford (95)
Big Spring Gap
" Powell Valley (93)
Blacksburg,V.P.I.(95)
Blackstone A,R (97)
Bristol (93)
Cape Charles
" Dixie Holland (97)
Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM,A (93)
Chincoteague T,R (67)
Clarksville- Finchley
Clover (95) (97)
Covington-Clifton (65)
" Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (95)
Dawn FM (67)
Deep Creek FM(97,141)
Drivers,Monogram(141)
Eclipse FM(97,141)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (93,95)
Gordonsville A,R (65)
" Int. (65)
Greys Pt.,Hummell (67)
Hampton,Peninsula(141)
Harcom (67)
Harrisonburg,Hartman
Herndon FM(67,69) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (97,141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Figt Strip (67)
Milford (67)
Monogram (141)
Monivale,Buford's (65)
Mt.Vernon H,FM(69 (67)
Narrows (65)
Norfolk R, T (97,141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS,East R,T(97,141)
" S. Norfolk (141)
Oceana T (141)
Ononcock,Johnson (67)
Orange Co.(Orange)(65)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth,Cumberland
Pulaski R,A (61,95) (141)
Pungo (141)
Quantico R,T (67,69)
Radford (95)
Richlands (61)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton,Zieger (67)
Waverly (141)
Waynesboro,Augusta
" Valley (65) (65)
Weems,Currell's (67)
Weirwood,Kellam (67)
West Point (67)
Williamsburg,Scott(97)
" Wm & Mary (97)
Winchester (65)
Windsor,Garner (141)
[redacted]
Aberdeen,Moon Isl (2)
Almira, "JZ" (3)
Arlington,Aero Sch (2)
Auburn (143)
Bellevue, Lake (143)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)
Bremerton,Kitsap Co. (143)
Burlington,Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas,Groves (143)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Clarkston,Asotin Co (3)
Cle Elum (2)
College Place
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Is.(2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A,R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville,Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City(3)
" Vista (3)
Kent (143)
Kittitas,Cameron (2)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
McChord R, T (2,143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon,Barker & Dean (2)
" OLP T (2)
Neah Bay R (2)
Newport (3)
North Bend,Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,Evergreen
Oroville,Scott (3) (143)
Pasco (3)
Pateros,Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (143)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma(
Quillayute (2) (143)
Renton,Boeing-Renton (143)
Republic,Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (2,143)
" NAS H,T (143)
" Boeing T (143)
" Seattle-Tacoma(143)
Shelton,Mason Co. (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway,Forest Grove
" Acft.Co.(143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk(143)
" Lakewood (143)
" McChord R,T (143,
Toledo-Winlock (2) (2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)
Washougal FM (2,143)
Washtucna (3)
Wenatchee, Fancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T
Wilbur (3) (2)
Winthrop,Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (2)
[redacted]
Beckley, Scott (61,63)
Buckhannon,Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (61,63)
" Bollinger (61,63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65,61)
Hollidays Cove
" Weirton (65)
Huntington R (61,63)
Logan (61,63)
Marlinton (65)
Martinsburg A,R (65,67)
" North End (67)
Moorefield (65)
Morgantown A,R (65)
New Cumberland, Herron (65)
Parkersburg,Stewart
" Wood Co. (61,63) (61,63)
Paynesville H (61,63)
Pence Spgs, Hinton Alderson (65,61)
Petersburg (65)
Princeton (63,61)
Ravenswood (63,61)
Romney (65)
Ronceverte (65)
Spencer,Roane Co. (63, Sutton (65,61) 61)
Terra Alta,Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co.R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson,Morris (65)
Winfield,Clark (65)
[redacted]
Amery (14)
Antigo (15)
Appleton, Outagamie (5,
Arbor-Vitae(15) 5,
Ashland (14)
Baraboo,Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder (15)
Boyceville (14)
Brodhead,Bill's (31)
Camp Douglas - Camp McCoy (29) (31)
Camp Douglas - Camp Williams(29,
Camp McCoy (29) 31)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,31) (31)
Colby-Abbotsford(14,
Cumberland Mun (14)
Dallas (14)
Darlington,Red Rock (29,31)
DePere, Nicolet(15,31)
Durand, Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Mason Lake (14)
Fond du Lac (31,15)
Genesee FM (31)
Gransburg (14)
Green Bay, Brown Co. (15,31)
Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly.Svc. (14)
Janesville City (31)
" Rock Co (31)
Kenosha A,FM (31)
Kohler (15,31)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co(14)
Lake Delton, Wisconsin Dells Lake Delton(31)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29,31)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford,Taylor Co(14)
Manitowoc (15,31)
Manitowish
" - Waters Arpt (15)
Marshfield (14,31)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Valley Arwys
Neillsville(14) (15,31)
O'Conta Mun. (15,31)
Oconto Falls (15,31)
Omro, Ginnow (15,31)
Oshkosh
" Winnebago Co.(15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage,Mael (31)
Pulaski,Kubiak's (15,31)
Racine,Horlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Sextonville,Richland (15
Shullsburg (29,31) 31)
Shawano (15,31)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15,31)
Sturgeon Bay
" Cherryland(15,31)
Sturtevant,Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29,31)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co. (3)
Waupaca (15,31)
Waupun (31)
Wausau,Alexander (15,31
West Bend Fly.Svc(31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City(15,31)
[redacted]
Afton (23)
Archer LFM (35)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R,T (31)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lovell-Bryon (7)
Douglas A, H (26)
Dull Center, Hoadley (27)
Evanston (25)
" City (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (26,31)
" Brees (26,31)
Lingle (27)
Lusk (27)
Meadows FM (35)
Medicine Bow (26,31)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM(26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (26,31)
Riverton (26)
Rock Springs (26)
" Mun. (26)
Saratoga (26,31)
Sheridan R, LFM (7)
" Sheridan Co. (7,31)
Silver Crown FM(26,
Sinclair R, A (26,31)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (26,31)
Wheatland (27)
" East Side (27)
Worland (26)

NEW FACILITIES: Bristol,Va.,Combs (93) Spokane, Wash.,Manito(3) Seattle,Wash.,Bellevue (143),Lovell,Wyo.,Mun. (7) Meeteetse,Wyo.,Mun.(7) Shoshoni,Wyo.(26) Hurricane,Utah (79) Beaver,Utah (79) Marysville,Wash.,Marysville Bay Meadows (2) Iron River,Wis.,Union (14) Colchester,Vt.,Champlain (18) East Montpelier, Vt.,Fairmont (18) Middlebury, Vt. (55) Thetford,Vt.,Post Mills (55) St. Albans,Vt.,Point Hill (18) Spencer,Wis.(14) Elma,Wash.(2) Mossyrock,Wash.(2) Montesano,Wash.,Summit(2) Laramie,Wyo.(26) Moran,Wyo.,Signal Mt. (23) Vernon,Tex.,Arpk (107) Berlin,Wis.(15,31) Boscobel,Wis.(29) Coloma,Wis.(15,31) Lancaster,Wis.,Fly.Svc.(29) Lemonweir,Wis.,Mauston (29) New Lisbon,Wis.,Tucker Fly.Svc.(31) Owen,Wis.(14,31) Platteville,Wis.,Platte (31) Rothschild,Wis.,Wisconsin Valley (15,31) Shell Lake,Wis.(14) Thorp, Wis.(14) Thorpe,Wis.,City (14) Wonewoc,Wis.,Castle Rock (31) College Place,Wash.,Sky Ranch (3)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aricraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies **allocated** primarily for Navy GCA operational **use**, transmitting **and** receiving, **are as follows:**

HF Communications	VHF Communications
3475,4890,6640 kcs.	134.64,142.02,143.64 mcs.

Navy GCA Units shall **be prepared to control aircraft on the interim U.S.** emergency frequency, 140.58 **mcs, transmit and receive. Use of this frequency should be** restricted **to emergencies and routine check of communication equipment.**

In addition to above, Navy GCA Units will be prepared to transmit on HF from 2000 to 18100 kcs, and receive on 1500 to 9050 kcs to aid any plane in emergency.

To promote flight safety, the Navy Department has made its GCA facilities available **to civil aircraft for emergency use. Practice approaches by civil aircraft is restricted to multi-engine aircraft because of personnel and equipment limitations. Navy GCA Units shall be prepared to control scheduled aircarriers in emergencies on 140.58 mcs and 3117.5 kcs, transmit and receive. In addition arrangements shall be made to transmit GCA control instructions on tower low frequency either directly or by relay** through **the tower to aircraft in distress and not able to receive on any other frequency.**

Call signs for all Navy GCA Units are the name of the field plus "GCA". Example: "Norfolk GCA".

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER **INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot** and **GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc.....". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled** Approach **instructions to the pilot. However, from a safety standpoint the procedure** should **be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.**

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower-operated GCA units at Washington National Airport, Chicago Airport. The Indianapolis GCA unit is not remoted to the tower. The La Guardia Field unit will be commissioned in the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

STATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs;109.5, 126.18 mcs.	3105,4495,6210, 3117.5 kcs;126.18, 118.1,118.7,122.5mcs.	Continuous
Indianapolis Arpt, Ind.	212 kcs;126.18 mcs.	3105,3117.5,4495, 6210 kcs;126.18mcs.	0800-1600 Mon. thru Fri.
LaGuardia Fld,N.Y.	118.7 mcs	3105,6210,3117.5 kcs, 118.7,140.58 mcs.	Opers 24 hrs during CFR.Ctc twr 20 mi. out before using.
Washington Nat.Arpt,D.C.	Ctc twr for GCA working freq.		Opers CFR only. Not for emerg use.

NAVY GCA OPERATIONAL UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums; hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS, N.J.	*,275 kcs	+	200', 1/4 mi.30-min.not.
Cherry Point MCAS, N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	*,126.18,128.70 142.74 mcs,248kc	+,126.18,128.70 142.74 mcs,	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min. notice.
Jacksonville NAS (Lee Fld) Fla.	*	+	200',1/2 mi.15-min.not.
Miramar MCAS, Calif.	*	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*	+	100',1/2 mi.Continuous.
New York NAS (Floyd Bennett), N.Y.	*,388 kcs	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs	+	200',1/2 mi.30-min.not.
Oakland NAS,Calif.	*	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*,347 kcs	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*	+	200',1/2 mi.30-min.not.
Whidbey Island NAS, Wash.	*,278 kcs	+	100',1/4 mi.30-min.not.

Standard freqs = 3475,4890,6640 kcs; 134.64,142.02,143.64 mcs.
* **Standard, 3117.5** kcs,140.58 **mcs, & HF from** 2000 **to 18100 kcs.**
\+ Standard, 3117.5 kcs,140.58 mcs, & HF from 1500 to 9050 kcs.

ARMY GCA FACILITIES

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	(Hrs. of operation,etc.)
Fairfield-Suisun AAF, Calif.	HF, VHF, 3117.5 kcs, 131.4 mcs.	350,3117.5 kcs or any freq between 1500-18000 on req	Cont during IFR;0900-2100 Mon-Fri;30-min notice other times.
Barksdale Fld, La.	HF, VHF	VHF,3117.5,4495, 6210 kcs. 116.1 mcs.	0800-1700 Mon-Fri;cont. during **IFR; 40-min.** notice other times.
Westover Fld,Mass.	137.88,140.58, 134.1,137.7 mcs.	137.88,140.58, 134.1,137.7 mcs; 3117.5 kcs.	On training status only. Should **not** be **used for actual inst. low approach.**
Andrews Fld, Md.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,4495,3117.5, 3105,6210 kcs, 116.1 mcs.	Cont during IFR;0800-1700 CFR;30 **-min.** notice other times.
Clinton Co. AAF, Ohio	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,116.1 mcs, 1500-18000 kcs.	Cont during IFR;0800-2200 **CFR;** 30-min. notice other times.
Langley Fld, Va.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF, 3105,3117.5, 4495, 6210 kcs, 116.1 mcs.	Cont during IFR;0800-1630 **CFR;** 40-min. notice other times.
Mitchel Fld, N.Y.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,3105,3117.5, 4495,4765 kcs, 116.1 mcs.	Cont. during IFR;training flights 0900-1130 & 1300-1630 **during CFR; 40-min.** notice **other times.**

HF= 3475, 4890,6640 kcs. VHF = 126.18,134.1,137.7,137.88,140.58 mcs.

N.B. Weather minimums: **For clearance purposes minimums established in** TO-08-15-3 **or** AAF **Regulations 60-16** apply.

N.B. Pilots desirous of making practice GCA **approaches** should **make** their **own arrangements with the tower concerned.**

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs

(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.

(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis

→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC..... Approach Control Tower, CAA
B..... Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C..... Control Tower, CAA
CA..... Control Tower, Army
CI..... Control Tower (City,County,Private, etc.)
CN..... Control Tower, Navy
D..... Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA..... Ground control approach system
H..... Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts.
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within 5.5 miles of middle marker
P.....Point to point radio
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	E-EASY •	I-ITEM ••	M-MIKE ——	Q-QUEEN ——•—	U-UNCLE ••—	Y-YOKE —•——
B-BAKER —•••	F-FOX ••—•	J-JIG •———	N-NAN —•	R-ROGER •—•	V-VICTOR •••—	Z-ZEBRA ——••
C-CHARLIE —•—•	G-GEORGE ——•	K-KING —•—	O-OBOE ———	S-SUGAR •••	W-WILLIAM •——	
D-DOG —••	H-HOW ••••	L-LOVE •—••	P-PETER •——•	T-TARE —	X-XRAY —••—	

1 •————	3 •••——	5 •••••	7 ——•••	9 ————•
2 ••———	4 ••••—	6 —••••	8 ———••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

(Where city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A)	- Owned or leased totally by Army	
(N)	"	(N)	- "	Navy
(CG)	"	(CG)	- "	Coast Guard*
(NG)	"	(NG)	- "	National Guard
(A)	"		- Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detach. or contract gas usually available.	
(N)	"		- Open to civilians but owned or leased wholly or in part by Navy.	
(CG)	"		- " Coast Guard.	
(WD)	"		- " WD or State Govt. for Air Nat'l Guard. Ltd svcg. and main. for transient military acft.	
(C)	"		- Civil airport opened to military acft. (See Note 3)	
(I)	"		- CAA Intermediate Field	

CLASS
SIZE

6h Length of longest landing strip (unpaved) in hundreds of feet
6(h) Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl")

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1h Voice availability via tower, range for homing device), or voice station
R2h Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

Lt Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

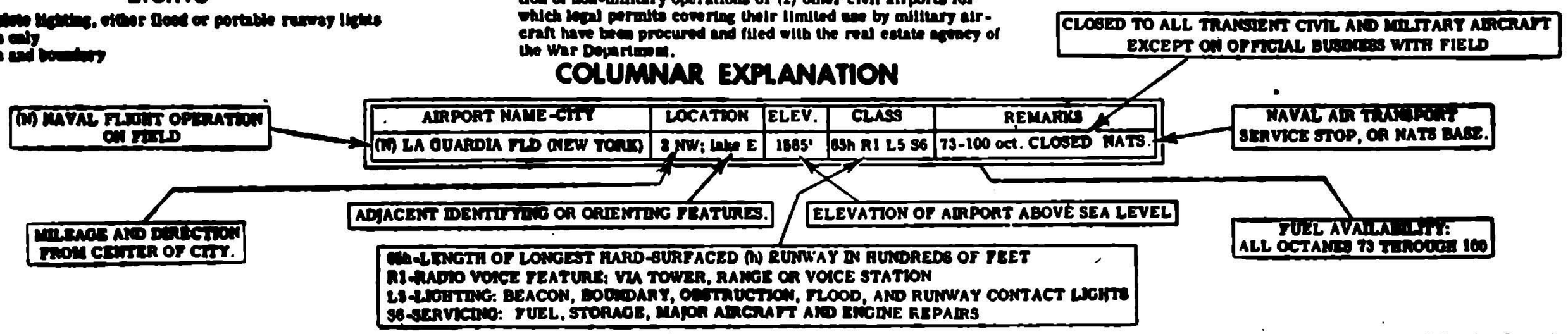
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1" "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1 "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. *
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4 "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
(a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
(b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency
(c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
(d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
(e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available Such fields may be used by military aircraft, however, only commercial service is available.
(f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency Only those private fields that are clearly identifiable from the air as airports are listed Thus many personal use fields are not covered in the Guide because they are not marked or are too small
(g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
(h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter It must be remembered that most fields do not have 24-hour operation Accordingly the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
(i) "FEE" indicates landing fee for private aircraft
7. Airline stop airport names are capitalized or bracketed

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT. ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP

FLIGHT PLANNING CHARTS

LEGEND

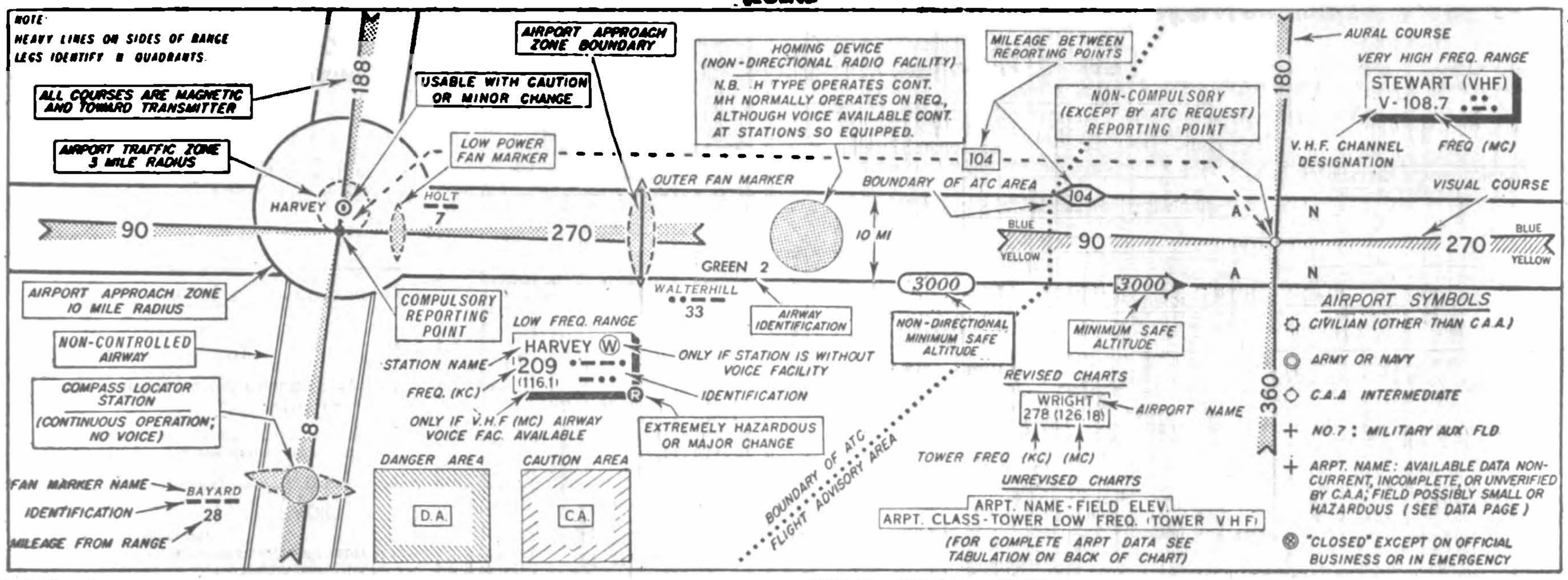


CHART CONTENTS

The Flight Planning Charts, in addition to the warning Ⓡ and caution Ⓞ symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages: (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled Ⓡ or Ⓞ items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new field, abandoned fields, range frequency changes, etc., are currently reflected on the charts For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol Ⓡ for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol Ⓞ for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

Warning

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations and commercial broadcast stations.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA (Clatsop)	323 (AST)	MRLZ; 99°, 6.9	3105,6210 (7-17) Oper by Port of Astoria, Tillamook NAS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV, 150°, 4.5	(4); 116.1 (ILS-W)
PORTLAND	332 (PD)(vhf)	SBRAZ-DTV, 171°, 3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV, 101°, 4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV, 251°, 2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74(8-sunset later on req)
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BELLINGHAM	209 (JJ)(116.1)	SBRAZ-DTV, 114°, 2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385 (EB)(vhf)	SBMRAZ-DTV, 270°, 2	(4);116.1,122.1
EVERETT (Paine)	224 (MI)(vhf)	BMRLZ-DTV, 330°, 3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM, 331°, 12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV; 296°, 2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Int.)	239 (GL)(vhf)	BMRLZ-DTV, 236°, 2.8	(4);116.1,122.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA); 303°, 3.3	(3);142.74,126.18 Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	LC; 267°, 4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9	333.8	159°	IM-	MM- ·-·- (0.63)	OM- -- (4.5)	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice ‡—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	267	33 S4	80 oct.
Albany	2.5 NE;RR NW	235	26 S6	80 oct. P-line SW. Trees S, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
Clatsop Co. (Astoria)	3.5 W;riv E	10	57h R1	
Coastway School of Aeronautics (Tillamook)	1.4 E	55	29 S6	80 oct. Ctn when wet.
(P)Corvallis	4.9 SSW;hwy E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80 oct.
Dallas	1.2 N;RR S	372	23 S2	80 oct. ENE, WSW blkd.
Eugene Airpark	1.6 SW;rd W	420	28 S6	80,91 oct.
Harrisburg	2 NNE;RR E,W	300	25 S4	80 oct.
Hood River	2.5 S;riv E	605	19 S1	80 oct
Langmack (Sweet Home)	2 E;hwy N	550	24	80 oct. Poles W.
Lebanon	1.3 SW; RR E	340	36 S6	80 oct.
Madras	2 NNW;RR SE	2420	74h	
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy N	156	50h S6	80 oct. Trees SW.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct. No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW;hwy SW	3240	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P)Roberts (Redmond)	1.5 SE;hwy N	3075	70h L S6	80,91 oct. Temp rnwy lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P)The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N)Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA, HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	Obst sur fld.
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk. (Eugene)	4.8 W	420	25 S1	80 oct.

AIRPORTS — WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N)Arlington Aero. School	3 SW;hwy W	129	53h L5 S6	80,91 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S;RR, riv W	4	20 S4	73,80 oct. Trees NW. ARPT OF ENTRY
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S6	80,91 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	15 S1	80 oct. P-line SSE. Ctn when wet.
(P)Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26	
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	3.2 WNW	290	52h S6	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW;hwy ESE	110	33 S6	80,91 oct. P-line WNW. Trees ESE.
(N)Coupeville OLF (N)	2 SE	193	54h	CLOSED. ARPT OF ENTRY
* Easton Int, 5B, SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	3.5 NNE;riv N	15	21 S2	80 oct. P-line W. Ctn winter.
(P)Fancher (Wenatchee)	2.5 NE;hwy S	1440	33h L5 S6	80,91 oct. Fld lgts prior req. P-line SE.
Forks (NC)	1 SW;rd S	286	23 S1	80 oct. Trees ENE, WSW. HAZARDOUS
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E, SE. Ditch center HAZ-
Ilwaco	1.5 ENE;Bay S	8	20 S2	80 oct. ARDOUS.
Intercity, USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso, 61A, SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE, SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	598	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req. Mtns N, E.
Pasayten, USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg. only. Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	See Mason County Arpt under "New Arpts" - name changed.			
Skagit Valley Air Svc. (Burlington)	0.7 S;RR E	35	20 S1	80 oct. Pwrline S. Use strips only.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct. Rnwy data unver. Poles ESE
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int, 63B, SF-SA	3 NE;hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S3	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct. Hills NNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct. P-lines NW. Ctn.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	80,91,100 oct. Pole line S.

NEW AIRPORTS

Sky Acres (Brooks, Ore.)	1.6 NE;RR W	180	20 S1	Ltd 80 oct.
Seaside (Oregon)	1.5 NE;RR W	6	17 S4	80 oct. No sto.
Marysville Bay Meadows Arpk (Marysville, Wash.)				Very dangerous approchs.
Springfield (Ore)	1.6 ENE;hwy 0.5 S	460	20 S1	80 oct. Ctn-wet weather. P-line E.
Ocean Park Sky Port	0.5 S;hwy W	10	21	P-line S. (Klipsan Beach, Wash)
Elma (Wash.)	0.8 S;rd W, riv S	60	26	P-line W.
Summit (Montesano, Wash.)	2.9 W;hwy S	190	22 S1	80 oct.
Mossyrock (Wash.)	1 W;hwy SW	613	19 S1	80,91 oct.
(N)Mason Co. (Wash.)	2.5 NW;hwy ENE	278	52h L S6	Twr NW. No Navy facs. Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

2 SEATTLE

U USABLE WITH CAUTION
R EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R. QUADRANTS.

ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA

FOR DETAILS IN THE PORTLAND AND SEATTLE APEAS SEE CHART 143

BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 353
NAS. WHIDBEY IS. 207 (142.74)
CGAS. PORT ANGELES 329 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385 (111.1, 116.1)
ASTORIA 323
TOLEDO 239 (111.1, 116.1)
YAKIMA 320 (116.1)
PORTLAND 332 (111.1, 116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 279 (142.74)
EUGENE 251 (116.1)
REDMOND 368 (116.1)
THE DALLES 230 (116.1)
YAKIMA CO. 278 (118.5)

BLAINE, BELLINGHAM, ORCAS IS., WASH. 4 D.A.F., MOUNT VERNON OLF, SKAGIT VALLEY, BARKER & DEAN, ARLINGTON AERO, MARYSVILLE, EVERETT, COUPEVILLE OLF, CAMANO IS., PAINE, SNOHOMISH, INTERCITY, TWISP, CLALLAM CO., DUNGENESS, QUILLAYUTE, COUNTY-CITY, HOBART, EASTON, CLE ELUM, PANGBORN, FANCHER, MASON CO., LAKEVIEW, BOWERS, CAMERON, MOON IS., OLYMPIA, WESTPORT, CHEHALIS CO-CITY, TOLEDO-WINLOCK, TOPPENISH, OCEAN PARK, ILWACO, CLATSOP CO., WASH., ORE., KELSO, SEASIDE, WOODLAND, STEVENSON, WASHOUGAL, LA CENTER, HOOD RIVER, ARLINGTON, BAY OCEAN, COASTWAY AERO, MCMINNVILLE, THE DALLES, WASCO, SKY ACRES, ADAMS, McNARY, DALLAS, RAY ADAMS, ALBANY, CORVALLIS JCT, CORVALLIS, LEBANON, NEWPORT, LANGNACK, HARRISBURG, MADRAS, ROBERTS, PRINEVILLE, MAHLON SWEET, SPRINGFIELD, WILLAMETTO, MEDFORD, EUGENE, BEND, CHEMULT, MEDFORD 19

TO EPHRATA, SPOKANE 3, TO PENDLETON

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

DOROTHY SCOTT
Ⓤ TONASKET
OKANOGAN No 1
OKANOGAN-LEGION
COLVILLE
NEWPORT
HAFER'S
SPOKANE 365 (111.1 116.1)
DEER PARK
WASH.
IDAHO
SANDPOINT
IDAHO
MONT.
LIBBY
EUREKA
MONT.
STATUTE MILES
ANDERSON
CALKINS AIR TERMINAL
COEUR D'ALENE 347 (116.1)
COEUR D ALENE AIR TERMINAL
CHELAN
EPHRATA 269 (111.1 116.1)
DAVENPORT
SPOKANE AAF 245 (126.1)
FELTS 270 (118.5)
THOMPSON FALLS
Ⓤ WILBUR
COULEE CITY
EPHRATA
HARRINGTON
SAVAGE
GEIGER AAF
SPRAGUE Ⓡ
HARRINGTON
WEEKS
LEMEN
MANITO
ROSALIA
ST MARIES
KELLOGG
TO SUPERIOR
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
TO ELLENSBURG
LIND
LA CROSSE
WASH. 5 D.A.
WASHTUCNA
Ⓤ PULLMAN-MOSCOW REGIONAL
GREAT FALLS 6
GREAT FALLS SEATTLE
CONNELL
WASH. 8 D.A.
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
Ⓤ SUNNYSIDE
NAS PASCO
RICHLAND
PROSSER
CRAIGMONT
KAMIAH
MARTIN
VISTA
TWIN CITY
WALLA WALLA AAF 396 126.1 (8MC)
WASH.
ORE.
PENDLETON 278 (118.7)
SKY RANCH
IDAHO CO.
OREGON SKY RANCH
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS SER.
ENTERPRISE
JOSEPH
TO SEATTLE
LEXINGTON
LA GRANDE 329 (116.1)
PENDLETON 341 (111.6 116.1)
LA GRANDE
LA GRANDE
ORE. IDAHO
NEW MEADOWS
McCALL
BAKER 221 (111.1 116.1)
BAKER
CASCADE
SEATTLE SALT LAKE CITY
JOHN DAY
WEISER
On request
ONTARIO 305 (116.1)
PAYETTE
PAYETTE
ONTARIO
BOISE 350
ELKO 22

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(IKO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	382(OO)(116.1)	MHV	(4):116.1,122.1
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Field	278 (118.7)	C; 247°, 2.3	(4);122.5,118.7
WASHINGTON			
EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,3.9	(4):116.1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4) :116.1
Walla Walla AAF	396(126.18)	CA ;182°,3.8	(4);126.18

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				/M-	MM-	OM-
					MMK-	OMK-
				/M-	MM-	OM-
					MMK-	OMK-
				/M-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E;riv SW	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3700	20	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	32 S1	73 oct. Maint. May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;rd W	3295	44 S2	80 oct. 20' pole line W.
Kamiah	0.6 SE;riv E	1194	32 S1	80 oct. Trees SSE.
★ Kellogg Int, 29B, SA-HL	0.8 NW;riv N	2300	38 L3 S4	73 oct. 10' dike W.
Landmark, USFS (Knox) (NC)	1.7 SSE	6680	23	ESE blkd, hills SSW.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S, RR W	5021	23 S6	80 oct. P-line NE.
Orofino	1.3 NW;riv NE	1000	24 S6	80 oct. Ctn, Mtns ESE.
Payette	2 NE;RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW, RR S	2165	21	Trees E; hill W.
St. Maries	1.2 NW, hwy S	2132	23	
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct. No sto. Pole line W.
Tekoa Flying Club (Tensed)	5 NNW, crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S, riv W	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW, RR N	2680	27	80
Libby, USFS	1 NE;riv S, E, W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE, RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW, RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE, riv N	635	23 S1	80 oct.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE, RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW, RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc. (Pendleton)	3.8 ESE, RR N	1200	37 S6	80,91 oct. Pole line E.
→ Pilot Rock	0.8 E, hwy N			ABANDONED.
WASHINGTON				
→ Anderson (Pateros)	1.6 SSW;hwy E	1100	16 S1	80 oct. Mtn W.
Asotin County (Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv SE	1250	26	Hills N,S,SW. Caution.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW, RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW, hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1290	29 S2	80 oct. 2000' mtn S.
Ephrata	2 SE, hwy NW	1258	73h R1 S6	80 oct. ARMY TMP INACT. CIVIL FACS
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
→ Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
★ Harrington Int, 19, SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse, 28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW, RR N	750	24 S6	80,91 oct. No sto. Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
→ Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	25 S6	80 oct.
Okanogan Flight Strip (Omak)	4 N;hwy E	1298	47h S1	80 oct.
→ Pasco	2.8 NNW, RR E	402	47h	CLOSED.
(P) Prosser	1.4 NW;riv SE	685	40 S6	80,91 oct. Trees W.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE, riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline, bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;RR S	800	30 S1	80 oct. Pwr line WSW.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1. No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution. (NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
→ Tonasket	1.9 NNW;riv E	1250	41 S1	80 oct. Pwr line SSW. P-line SSE.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct. Trees, poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct. Emerg lgts on prior req.
Wallace (Mead) (NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2 L5 S6	73,91,100 oct
Washtucna	1 S;RR SE, NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				
Craigmont, (Idaho)	Adj NW;RR SW	3688	20 S2	80 oct. P-line E.
Manito Arpk (Spokane, Wash)	5 SSE	2450	21	P-line NE;trees SW Data unver.
→ New Meadows (Idaho)	0.5 N;hwy jct SE	3865	26	Unusable in wet weather.

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4);116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DTV, 185°,1.3	(4);116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4);116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. * + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
→ Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	Mtns ENE.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S1	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public.
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S4	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S1	80 oct,
(P) CUT BANK	3 SW;riv 1 E	3900	87h R1L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114	70h L2	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S1	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR SE	2870	27	Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80-100 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public.
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct. Rough
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW;hwy S	3669	70h R2 L5 S6	80,91 oct. ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct,Pole line S. Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.W,NW blkd.
Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ " Int,10.HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S4	80,100 oct. No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	0.7 N;RR E,S	5030	40 S1	80 oct.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4 WNW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S1	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L2 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38 S1	80 oct
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII) (NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

CUT BANK 263 (116.3)
QUARTER CIRCLE M C RAMP
CUT BANK
TOOLE CO.
CHESTER
FLATHEAD CO.
KALISPELL
VALIER
CONRAD
FORT BENTON
CHOTEAU
GREAT FALLS MUNI 278 (118.7, 126.18)
GERALDINE
TANNER
GREAT FALLS AAF 219 (126.18)
POLSON
MISSOULA 308 (116.1, 111.1)
GREAT FALLS 317 (116.1)
PLAINS
SUPERIOR
MISSOULA CO.
ALBERTON
CASCADE
CRAIG
GEYSER
HELENA 371 (111.1, 116.1)
HELENA 278 ∝ 118.9 ∝
McDONALD PASS
SUPERIOR 254 (118.1)
CARRISON
HALE
WINSTON
WHITE SULPHUR SPRINGS
STEVENSVILLE
DRUMMOND
DRUMMOND 296 (116.1)
DEER LODGE
HAMILTON
TOWNSEND
LIVINGSTON 224 (116.1)
BUTTE
HOMESTAKE
WHITETAIL
RAINBOW
GALLATIN
BUTTE 233 (116.1)
WHITEHALL
WHITEHALL 284 (116.1)
DILLON 379 (118.1)
SHERIDAN
TWIN BRIDGES
BOZEMAN 329 (116.1)
LIVINGSTON
GARDINER
MONT
WYO.
SALMON
DILLON
GREAT FALLS
SALT LAKE CITY
DELL
CHILLIS
FLYING "R"
WEST YELLOWSTONE
DUBOIS 388 (111.1, 116.1)
DUBOIS
IDAHO
WYO
SALT LAKE CITY 23
IDAHO FALLS

BILLINGS 7

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N° QUADRANTS.

49°
110°
109°
108°
107°
106°
105°
105°
48°
47°
46°
45°
44°

STATUTE MILES
25
0
25
50

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

MONT.
WYO.

CHINOOK
HAVRE CITY CO.
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
SCOBEY
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
FOREST GROVE
MOORE
LEWISTOWN 353 (118.1)
HARLOWTON
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
MILES CITY
MILDRED
LAVINA
CUSTER
GREEN 2
FORSYTH
MILES CITY 320 (116.1)
HIBBE 25
RAPELJE
BILLINGS 278 (118.7)
BIG TIMBER
LIVINGSTON 224
COLUMBUS
PARK CITY 21
BILLINGS 6
ZELMA
BIG HORN CO
BRIDGER
RED LODGE
ST. XAVIER
BONES BROS. RANCH
POWELL
COWLEY-LOVELL-BYRON
LOVELL
SHERIDAN CO
SHERIDAN 2
UCROSS 17
SHERIDAN 239 (116.1)
DENVER
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN
GILLETTE ARPK.
MEETEETSE
GREAT FALLS
SALT LAKE CITY
ROCK SPRINGS 26
CASPER 269
TO WRIGHT
MINNEAPOLIS
GREAT FALLS

197
90
17
270
146
145
142
326
325
60
240
50
229
247
67
297
118
208
28
298
159
238

AMBER 3
RED 2

RADIO

MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	AC(ILS-W):247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1)	SBRAZ-DTV;298°,1.8	(4);116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- •--•(0.6)	OM- --(4.3)
					MMK-	OMK- 251 -•••
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co.(Hardin)	2.3 ESE,riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW,hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	80,91,100 oct.
(P) Bones Bros.Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct.Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E;hwy N.	2868	44 L3	Poles NNW.
Denton	2.2 SSW;hwy S	3850	26 S2	73 oct.
Etchart(Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct.Trees SE.
Forsythe, 30 HL-Twin Cities	3 ENE;hwys S	2722	30 L3 S1	73 oct.Allway fld.
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct.Poleline E.
Harlem	2.3 NNE,RR E	2560	24 S2	80 oct.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW,lake E	2589	48h S4	80 oct.ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B, CX-GT	1 WNW,RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW,RRNW	4177	100h R1 L5S4	80,91 oct.No flood lgts.Rnwy
(P) Malta Airpark	0.8 SW,RR N	2270	31 S4	80 oct.Shrubs NW.No sto.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L6	No rnwy,bndry,obst lgts.
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	28	
(P) Rapelje	1 SE;lk NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N;hwy W	3500	37 S2	80 oct.Rough.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka(Hardin)	2 W,hwy N	3002	18	

WYOMING

→ Basin	2.5 NE ;riv W	3775	32	Hills S.E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
Cody	2 ESE ;hwy S	5084	50 S6	80,91 oct. P-line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct.Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	71 S4	73,91 oct.Hill NW
(P) Powell	8 NNW	5054	42	Storage.P-line N,NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW, creek N	3961	61h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk.(Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct.Poles NW.
Moore, (Mont.)	0.5 E;RR NNW	4100	19 S2	80 oct.
Lovell (Wyo)	1 SE;hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW;riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W;RR S		30 S2	80 oct S blkd Poles N

RADIO — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT (Port O' Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)
SOUTH DAKOTA			
PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1,122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→ SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simult. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990'	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S2	73 oct. Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24 S2	80 oct. P-line N.
Chandler (Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N. FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S.	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE,
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct. Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) Port O' Minot (Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct. Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1905	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth (Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright (Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
→ Wyman (Mott)	0.8 S;riv ENE	2495	50 S2	80 oct. P-line W,SE.
[redacted]				
(P) Belle Fourche (NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct. (Spearfish)
Geronime (Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley (Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
→ PIERRE	3.5 NE,riv SE	1742	69h R1 S1	80,91 oct.
(A) Rapid City AAB (A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore (Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
NEW AIRPORTS				
→ Hettinger (N.D.)	1 NNW;RR S	2675	32 S2	80 oct. N,NW blkd. P-line
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF NE.
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct. E,W,N,SE blkd. ENTRY
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct. Pole E. Use strips only.
Wright (Williston,N.D	3.2 N	1860	32 S6	80,91 oct. P-line S,W. Use
Harding Co. (Buffalo,S.D)	0.5 E;riv 0.5 S		21 S	Fuel from town. strips only.
McIntosh (S.D.)	1.3 E;lk SW	2275	15 S1	80 oct. Use strips only
Universal (Bison,S.D)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct. Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy W	1790	30 S2	80 oct. Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct. Use strips only. P-line SW
→ Selfridge (N.D.)	2 SW;RR 2 E	2100	24	80 oct. in town.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X I I) NC-(not charted). → New or revised data.

10 BISMARCK

R EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

105° 104° 103° 102° 101° 100° 49°

25 STATUTE MILES 0

CROSBY ○ PORTAL ○ SHERWOOD ○

○ PLENTYWOOD ○ MOHALL ○ BOTTINEAU

121 211 31 301

TOWNER ○ RUGBY ○

PORT O'MINOT ○

MINOT 209 •••—

WRIGHT ○
CHANDLER O ○ WILLISTON

48° 48°

PARSHALL ○
MILLER ○

SIDNEY O ○ WATFORD CITY ○

FARGO 11

80

158 5000 109

167 + ILO

WASHBURN ○

GLENDIVE ○

DICKINSON 308 (116.1) •••—

BISMARCK 230 (116.1) •••—

GLEN ULLIN ○

47° 47°

BEACH ○ GOLVA ○ WORTH

JUDSON 27

BRISCOE 10

TO JAMESTOWN

MILES CITY 320 •••—

6000 69 GREEN 2 256 80 4000 250

238 5000 153 5000 100 5000 99

NEW ENGLAND ○

DICKINSON BISMARCK

6000 AMBER 4 HURON 219

BAKER ○ + WYMAN

RHAME ○ ○ BOWMAN

347 333

46° + HETTINGER ○ SELFRIDGE 46°

MONT. N.D. S.D

LEMMON ○ McINTOSH ○

BILLINGS 7

○ HARDING CO. ○ UNIVERSAL ○ MOBRIDGE RIBENBERG ○

TO JAMESTOWN

45° MINNEAPOLIS DENVER MONT. WYO S.D. 45°

168

165 D.A

BLACK HILLS ○ NEWELL ○

BUSHMORE

PIERRE 347 (116.1) •••—

RAPID CITY 221 (116.1) •••—

RAPID CITY AAB 396 (126.1R)

GERONIMO

BALLIET

144 6000 69 246 5000 66

RED 31 On request

PHILIP 206 (116.1) •••—

PHILIP ○ PIERRE

348

HURON

105° 44° 122 HIGHLIGHT 82 10000 R CHART 27 100° 44°

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

N.D. MINN

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROCKFORD
MOHR
MATHENY
PEMBINA
ROSEAU
GRAND FORKS
THIEF RIVER FALLS
CROOKSTON
ERSKINE-GUNTHER
TWIN VALLEY
JAMESTOWN
CONRAD BROS.
WEST FARGO
VALLEY CITY
WALKINSHAW
DAWSON
GREEN 2
BISMARCK
WHEATLAND
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
PARK RAPIDS
DETROIT LAKES
BARNESVILLE
MAHNOMEN
ASHLEY
ALEXANDRIA
BRITTON
SISSETON
GRACEVILLE
MORRIS
GLENWOOD
ORTONVILLE
MILBANK
APPLETON
BENSON
WILLMAR
WILL MAR
MONTEVIDEO
REDWOOD FALLS
MARSHALL
LAKE BENTON
WESTBROOK
WEBSTER
ABERDEEN
BIEDENFELT
GETTYSBURG
DEITER
MADISON
FLANDREAU
SMITTY SKY RANCH
SIOUX FALLS
WATERTOWN
LAKE POINSETT
LAKE PRESTON
OLDHAM
CARTHAGE
MILLER
W. W. HOWES

PEMBINA 260
FARGO 365 (116.1)
JAMESTOWN 344 (116.1)
GRAND FORKS 278
FARGO 388 (118.7)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
WATERTOWN 382 (116.1)
ABERDEEN 329 (116.1)
BISMARCK 230
ASHLEY (W) 206
HURON 353 (111.1, 116.1)
PIERRE 347
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

77 257 344 170 260 80 165 109 289 345 161 307 120 186 300 177 75 256 76 341 346 166 263 293 234 44 83 73 250 99 88 26 97 98 70 113 224 357

CHART 28

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1
HURON (W.W.Howes)	353(HR)(vhf)	BMRLZ-DTV,44°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct. No sto. Fld lgts on req.
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct. No sto.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct. No sto. Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct. No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct. P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 S6	80 oct. P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct. P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S6	80 oct. P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct. P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct. Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct. No sto. P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct. P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
Oldham (S.D.)	1 ESE	1668	25	Use strips only. Poles N.
Gettsburg (S.D.)	1.5 S;dams 1 SW (S.D)	2082	27 S4	80oct. Use strips. Poles S,W
Lake Poinsett(Arlington)	4.3 ESE;lk,hwy E	1680	22 S2	80oct. Use strips. Poles SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.
(See page XIII) (NC)-not charted → NEW OR REVISED DATA.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2.	P-line W.
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct. Port lgts on req.
(NG) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	16 S1	80 oct. Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct. P-line N,NW.
Lisbon	0.8 SSW,RR SE	1151	21 S1	73 oct. Polelines N,S.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct. No sto. Poles NE,NW
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N; RRW	1533	32 S6	80 oct. No sto. P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY.
→ Rolla	1.5 N;hwy E	1850	25 S4	80 oct.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwr line E.
(P) Valley City, 71	1.5 NW,riv NE	1375	38h L1	(HL-Twin Cities)
Walkinshaw (Argusv'l)	4.5 WNW	895	23 S2	80oct. N blkd.

SOUTH DAKOTA

(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
→ Eureka (NC)	6 N, rd W	1300	25 S1	80 oct. P-line sur fld exc.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld E,W
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
Webster	3 S;hwy W	1848		Poles NE,W,NW. Use ctn
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct. Poles NW,SW,
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct. Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct. Pwr line N,W,NW
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct. Allway fld,N,NE,
Smitty Sky Ranch,	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
Bell (Devils Lake,N.D	2 SSE;	1478	30 S6	80 oct. (Minn)
Erskine-Gunther Lake Preston (S.D.)	2 ENE;lake S	1150	23 S1	80oct. P-line ENE(Erskine,
		1725	18 S2	80oct. Stacks E Rough Poles
Conrad Bros.(Page,N.D)	4 E	1080	15 S2	80 oct.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→DULUTH	221(DH)(116.1)	SBRAZ-DTV,130°,3.9	(4);116.1
HAMEL FM	(- - -.-)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3);116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118.3

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9 ---.-	333.8	354°	IM-	MM- ·-·- (0.76)	OM- --· (4.7)	
					MMK-201 ·-·	OMK-219 --	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet. Poles S.

MINNESOTA

Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct. Poles S; trees W.
Anoka Flying Service	1.2 SE	896	19 S6	73,91 oct. Poles NE; 629' twr SE.
Baudette	0.8 NW;riv N	1080	27 S4	80 oct. No sto. ARPT OF ENTRY
(P) Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct. Flares on req. Obst sur fld.
→Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
Coleraine	0.8SSE;lake SE	1390	25 S4	80 oct.
Ely	1.2 E	1425	24	Trees sur fld. Not Maintained.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80 oct. No sto. Flares on prior req. Rdo rprs.
Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 S6	80 oct. P-line S,NE.
Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	35 S6	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct. Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	18 S2	80,91 oct.
(P) Hibbing	4.5 SE	1367	40h L4 S6	80,91 oct. Lgts on req.
Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct. Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	24 S4	80 oct. No sto. Rolling.
Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
→Mankato	1.7 SE,hwy W	996	29 L1 S6	80 oct. Flare pots on req. P-line NE,SE.
(P) Monticello	See Hincks Arpt under "New Airports" - named changed.			
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E;lake W	1000	22 S6	80,91 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct. Poles S, W blocked.
Princeton	1 NNW;riv N	976	21 S4	80 oct. Trees N,W. Use strips only.
Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
→Springfield	0.5 W;hwy N			80oct. P-line ENE,E,ESE,WNW.
(NG) St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct. 100 oct. N.G.
St. Peter	2.4 NNW,riv E	900	20 S4	80 oct. No sto. P-line S
Sells Flying Field (Mayer)	0.4 SSE	750	12 S6	(NC) 80 oct. Hill N end. Ctn.
Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E. P-lines W,NW,SW,N.
Victory (Minneapolis)	9 N, riv E	860	39 S6	80,91 oct. P-line SW

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct. P-line N.
Waseca	0.5 S,RR NW	1150	39 S2	80 oct. Poleline N.
(P) Whitney Memorial (St. Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	See Duluth under "New Airports" - name changed.			
Winona	4.5 WNW	670	24 L3 S6	80,91 oct. Hwy NW.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft - Open to all acft.
→Wyman (Aitkin)	1.3 N,riv S			ABANDOND

WISCONSIN

Amery	3.4 NNW;lk SW	1100	26 S6	80,91 oct. SE blocked.
Arrowhead (Rice Lake)	2 SSE;lake S	1150	24 S4	80 oct. Use landing strips only.
Ashland	2.5 SSE,RR E	700	19 S2	80 oct. Use strips only.
Boyceville	0.5 E;RR N	948	21 S2	80 oct. P-line W,N,NE. Use strips only
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	30 S1	80 oct. N,E,W blkd.
Chetek	1.5 SE,lake E	1050	22 S1	80 oct. P-line S,SE. Use strips only.
Chippewa Falls	2 S,RR NW	910	26 S6	80 oct. P-line SW,W, NW,S blkd.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	26 S4	80 oct. P-line NNE.
Dallas	0.7 SSE,RR W	1100	26 S2	80 oct. S blkd.
Eau Claire	1.5 SSE,hwy N.	884	31 S6	80,91 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	Trees SW.
(P) Hayward	2 NE,RR NW	1200	30 S4	80,91 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	18 S1	80 oct. P-line NE,SW. Use with caution.
Jackson Co. (Black River Falls)	2 E, RR W	855	28 S6	80 oct. P-line W,NW,S.
Marshfield	2.3 SSW,RR NE	1253	26 S6	80 oct. Flare pots in emerg.
Neillsville Memorial	5.7 W,hwy SW	1000	24 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30	Poleline W,SW
Pines (Bloomer)	0.9 E,RR W	1050	16 S2	80 oct. Poles S, W. Rough.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct. Trees on all but lake appch.
Rice Lake	3.5 NNE,RR W	1150	37 S4	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 S;RR E	674	33 S6	80 oct. Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE,RR SE	1150	25 S2	80 oct. Use strips only.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S2	80 oct. P-line NE.
Spooner	5 N	1072	20 S1	80 oct. Data not verified.
Taylor County (Medford)	2 SE;riv NW	1400	21 L S1	80 oct. Pole line N; Flares on req
→Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

Owatonna (Minn.)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P) INTERNATIONAL FALLS, (Minn.)	2.2 S	1175	30h S4	80 oct. No sto.
→Thorp (Wis)	1.4 SSW	1225	20 S1	
Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn.)	1.2 NW;lake W	1350	23 S1	80 oct. P-line NE. Use strips only.
Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
Sky Harbor Lodge (Pine River, Minn)	1 NE;lake NW	1340	26 S1	80 oct. P-line N,S,W. Trees E.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct. Use strips only.
Grantsburg (Wisc)	1.5 NNE;riv S	870	13 S2	80 oct. Trees NE,SW. Use strips.
Rainbow (Winter, Wisc)	4.2 WSW;riv S	1265	19 S1	80 oct. W approach hazardous.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
Barron, (Wisc.)	1.1 ENE;riv W	966	26 S2	80 oct. E blkd. P-line W.
Cumberland, (Wisc.)	3 SE;lake NE		26 S4	80 oct. No sto. N,S blkd.
Hultquist's Sky Ranch (Minong, Wisc.)	1.9 W;lake W	1180	13 S4	80,91 oct. No sto. Trees S,N.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct. P-line E.
Hutchinson, (Minn)	2.5 SSE	1052	28 S1	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct. P-line SSE.
Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.
Pine Beach (Brainerd, Minn)	8.8 WNW;lake N	1250	21 S1	80 oct. P-line NW,W,SE,E.
Union (Iron River, Wisc)	2.2 WNW;RR .5 S	1100	19 S1	80,91 oct. E blkd. Use strips only.
Spencer (Wisc.)	0.5 WSW;hwy N		27 S2	80 oct. Fence S,SW. Data unver.
(P) Hincks (Minn.)		940	44 S6	80 oct. P-lines S,SW.
→Thorp City (Wis)	0.6 SSE;RR N	1225	22 S1	80 oct. Hwy N
→Shell Lake (Wis)	1.2 SE;RR W	1214	29 S1	80 oct. Trees N,NE,S. Lake N,E,S.
→Owen (Wis)	0.7 NE;RR S	1270	19 S1	80 oct. P-line N,NE,SW,W,NW. Hwy S
(P) DULUTH (Minn)	6.5 NNW;hwy S	1428	57h R1 S6	80,91 oct. Closed nghts except airlines ARPT OF ENTRY

14 MINNEAPOLIS

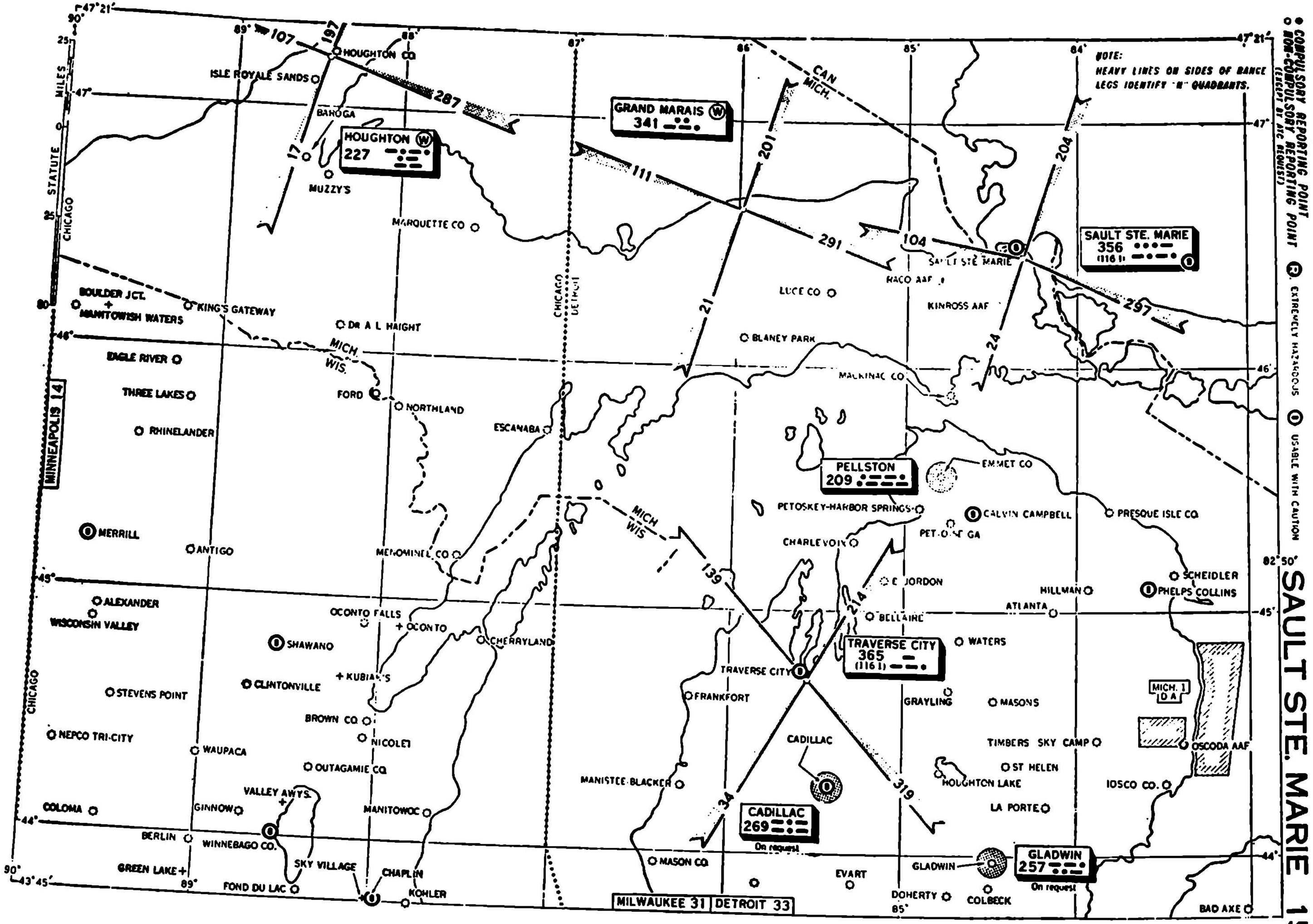
COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

E: EXTREMELY HAZARDOUS U: UNABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
INTERNATIONAL FALLS
CAN.
MINN.
LITTLE FORK
ELY
FORT WILLIAMS
4000
GERVAIS
BEMIDJI-PORT-O-WILDS
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
193
WILLIAMSON-JOHNSON
89
269
SKY HARBOR LODGE
FARGO 11
DULUTH
221
PINE BEACH
BEYWOOD
CROSBY
AITKIN MUN.
STAPLES
TODD
BRAINERD
MILLER
RICHARD BONG
UNION
ASHLAND
WISC
MICH.
GOGEBIC CO.
CAMP RIPLEY
HULTQUIST S
HAYWARD
SPOONER
ALEXANDRIA
239
GRANTSBURG
RAINBOW
BOYD S
PRICE LAKE
SHELL LAKE
ARROWHEAD
PHILLIPS
SAULT STE. MARIE 15
WHITNEY MEM.
PRINCETON
CUMBERLAND
RICE LAKE
TAYLOR FALLS
BARRON
RUSK CO.
LITCHFIELD
KENTOBY
HINCKS
ARDEN
VICTORY
ANDERSON
ANOKA
ANOKA CO.
ANTHONY
CHETEK
DALLAS
MINNEAPOLIS
266
WILLMAR
254
ROBBINSDALE
NORTHPORT
ST. PAUL
FLEMING
PINES
TAYLOR CO.
BOYCEVILLE
THORPE CITY
OWEN
THORPE
COLBY-ABBOTSFORD
CHIPPEWA FALLS
EAU CLAIRE MUN.
EAU CLAIRE
HUTCHINSON
HECTOR
WOLD-CHAMBERLAIN
278
BLEICK
FLYING CLOUD
HASTINGS
RED WING
LAKE CITY
SCHLOSSER
MARSHFIELD
NEILLSVILLE
SIOUX FALLS
245
234
NEW ULM
LE SUEUR
ST. PETER
CARLETON
ROCHESTER
236
170
JORDAN
JACKSON CO.
SPRINGFIELD
MANKATO
FARIBAULT
KENYON
WINONA
LA CROSSE
371
236
WASECA
OWATONNA
PLEASANT CORNERS
CHART 29
WISC. 2 D A


● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
SAULT STE. MARIE 15
MINNEAPOLIS 14
MILWAUKEE 31
DETROIT 33
HOUGHTON
227
GRAND MARAIS
341
SAULT STE. MARIE
356
PELLSTON
209
TRAVERSE CITY
365
CADILLAC
269
On request
GLADWIN
257
On request
ISLE ROYALE SANDS
HOUGHTON CO
BARAGA
MUZZY'S
MARQUETTE CO
CHICAGO
BOULDER JCT.
MANITOWISH WATERS
KING'S GATEWAY
DR A L HAIGHT
EAGLE RIVER
THREE LAKES
RHINELANDER
MICH
WIS
FORD
NORTHLAND
ESCANABA
CHICAGO
DETROIT
CAN
MICH
LUCE CO
KINROSS AAF
SAULT STE MARIE
RACO AAF
BLANEY PARK
MACKINAC CO
EMMET CO
PETOSKEY-HARBOR SPRINGS
CALVIN CAMPBELL
PRESQUE ISLE CO
CHARLEVOIX
PET-O-NE GA
HILLMAN
SCHEIDLER
PHELPS COLLINS
ATLANTA
BELLAIRE
C JORDON
WATERS
GRAYLING
MASONS
MICH. 1
OA
OSCODA AAF
TIMBERS SKY CAMP
ST HELEN
HOUGHTON LAKE
IOSCO CO.
LA PORTE
BAD AXE
MERRILL
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
OCONTO
CHERRYLAND
SHAWANO
KUBIAK'S
CLINTONVILLE
STEVENS POINT
BROWN CO
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
VALLEY AWYS.
COLOMA
GINNOW
MANITOWOC
BERLIN
WINNEBAGO CO.
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
TRAVERSE CITY
FRANKFORT
CADILLAC
MANISTEE-BLACKER
MASON CO
EVART
DOHERTY
COLBECK
GLADWIN
107
97
287
17
111
291
104
201
21
204
24
297
139
214
34
319
47°21'
47°
46°
45°
44°
43°45'
90°
89°
88°
87°
86°
85°
84°
82°50'
25
MILES
STATUTE
80

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CADILLAC (Int.)	269(KK)	MHT	(4)
GLADWIN	257 (GU)	MHT	(4)
GRAND MARAIS	341(IG)	RL-W	Oper. State of Mich.
HOUGHTON	227(CAM)	RL-W	Oper. State of Mich.
PELLSTON (Emmet Co.)	209 (PJ)	MHT	(4)(6-22)
SAULT STE. MARIE	356(VC)(116.1)	SBMRAZ-DTV;317°,2.2	(4), 116.1
TRAVERSE CITY	365(TG)(116.1)	SBMRAZ-DTV;319°,2.2	(4);116.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	● MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alger County (Munising)(NC)	4 SSE,hwy E	850	26	Twr N; woods all sides.
(P) Alpena	See Phelps Collins under "New Airports" - name changed.			
Amasa (NC)	4 NW	1560	14	Not maintained.
Atlanta	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W.
Au Gres (NC)	0.9 NNW,hwy S	590	20 S1	80 oct. Poles SW. NW blkd.
Baldwin	1.3 SSE,RR W	835	23 S2	80 oct.Trees NE.
(P) Beaver Island (St. James) (NC)	4.2 SSW	620	35	NW,SE blkd.
(P) Bellaire	1 NE,RR W,S	614	24 S1	80 oct.P-line E,SE.
Big Lake (Baraga) (NC)	7.3 SW, rd W	1100	20	Trees on all sides. Emerg use.
Blaney Park	0.5 NW;lake N	850	18 S1	80 P-line E
(P) Cadillac, 23, TL-VC	2.5 NW,RR E	1297	34 R1 L3 S6	80 oct.
Calvin Campbell Mun.	0.8 SE;RR,hwy W	602	20 S1	80 oct. P-line N.(Indian River)
Calbeck (Beaverton)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE,trees E,NW
Charlevoix	0.8 SW,lake NW	642	30 S2	80 oct. P-lines S,W,NW
D.A.R.(Rexton) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare)	1 NE, hwy W	840	21 S1	80 oct. Rough, etn.
(P) Dr. A. L. Haight (Crystal Falls)	1.3 ENE;lake E	1390	34 L1 S4	80,91 oct. Bldg SW,WNW.
East Jordan	1.9 SSE,riv W	640	26 S1	80 oct.P-line E,N;trees W
(P) EMMET CO. (Pellston)	0.6 NW,RR E	707	54h R1 L3 S2	80,91 oct. Lgts on req.P-line N,E
Escanaba	2 SSW,	594	26 S6	80,91 oct Trees E.
Ford (Iron Mountain)	2.5 W,riv W	1140	23 S6	80,91,100 oct.
Frankfort	1.9 ESE	650	29 S2	73,80,91 oct.
(P) Gladwin	0.5 SSE,riv W	780	35 R1 L3 S2	80 oct.
(P) Grayling	1.3 NW,RR W	1152	50h	
Harrison (NC)	2.3 NNW,hwy E	1100	26 S2	80 oct.S blkd.Caution,rough.
Hillman	2.8 NW	995	23 S1	80 oct.Woods all sides.
Houghton Co. (Calumet)	2 SE, RR NE	1200	26 S4	80 oct. Twrs, poles W NW blkd.
Houghton Lake (Houghton Heights)	1 W;lk NNE	1150	27 S2	80 oct.Pole NW,trees W,SSE,E. Rdo twr W,N lgtd.
Ishpeming-Dexter (NC)	7 W;RR N,S	1570	25	Poles N.
Isle Royale Sands (Houghton)	2 ESE;RR SW	605	26 S3	80 oct.
Kalkaska (NC)	0.5 WNW,RR E	1020	26	
(A) Kinross (A)	2.5 SE	780	55h	TMP INACT NO FACS
La Porte (West Branch)	6 SE,RR W	890	26 S2	80 oct.P-line SW;trees NW,NE,Rough
Luce County (Newberry)	4.1 SE,hwy S	872	28 S1	80 oct.NW blkd.Poles SE,off strips
Mackinac Co. (St. Ignace)	2 NNW,hwy E	600	26 S2	80, 91 oct.
Mackinaw City (NC)	5 S,RR W	700	22	
Manistee-Blacker	4 ENE,riv S	613	23 S4	80 oct.
Marenisco (NC)	1.6 E,hwy N	1551	20	ENE,WSW blocked
Marquette County	7.9 W,hwy S	1412	27 S2	80 oct.
Mason County (Ludington)	1.7 ENE,hwys S	640	30 S1	80 oct.Poles S.
NEW AIRPORTS				
Baraga (Pelkie,Mich)	3.5 SE;hwy N	805	21 S2	80 oct.P-line N,Trees E,S,W
→ Muzzy's (L'Anse,Mich.)	2.3 SSE;RR E	1008	24 S1	80 oct,Poles ENE,ESE,Trees WNW.
→ Coloma (Wisc.)	3.0 NW;hwy E	1065	26 S2	80 oct.N,S blkd.
→ Berlin (Wisc.)	2.9 W;hwy S	780	20 S1	80 oct, SE blkd.P-line SW.
→ C'Conta (Wisc.)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted) → NEW OR REVISED DATA

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Menominee County	5 NNE,bay E	590	27 S1	80 oct. Trees sur fld.
Mio (NC)	1.6 N,hwy W	1050	26	Emergy only.
Northland (Quinnesec)	1 8 ESE;RR N	1060	33 S3	80,100 oct. Pole line N.
Norway Township (Loretto)	2.4 S,lake N	860	21	Trees on side strips. (NC)
Onaway (NC)	0.6 NNE,RR S	770	21	P-line SW,trees SE.
(A) Oscoda AAF (A)	3.5 NW,lake E	605	50h	
Otsego County (Gaylord) (NC)	1 SW;lake 1.5 S.	1384	40 S1	P-line E,NE.Trees N.
Pet-O-Se-Ga (Wildwood)	1.8 NW,lake NW	620	20 S2	80 oct.
Petoskey-Harbor Springs (Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E,trees NW,SE.
Poschke's (Harbor Beach)(NC)	See Harbor Beach under "New Airports" - name changed.			
Presque Isle (Rogers City)	0.7 SSE,hwy E	658	26 S2	80 oct
Prickett-Grooms (Saginaw)	0.5 N,RR S	1300	18 S1	80 oct.Use caution.Bldgs SE,SW.
(A) Raco AAF (A)	4.5 WSW;RR N	910	55h	TMP INACT NO FACS
Roscommon (NC)	2.5 SE,RR NE	1100	42	Trees all appchs.Emerg. use only.
Roscommon Co. (Prudenville)	4.5 N, riv F	1150	26 S1	80 oct.Trees sur fld. (NC)
St. Helens	0.9 SE;RR N	1153	26	Trees all appchs.Emerg. use only.
(P) Sault Ste. Marie	1 SSW,riv N	706	36 R1 L3 S4	80,91 oct. Fld lgts on req.ARPT OF ENTRY.P-lines E,S.Trees W,NW,N.
Scheidler (Alpena)	6.3 N,hwy NW	590	22 S4	80 oct.P-line NE,N,SW.
(P) Schoolcraft Co.(Manistique)	3.3 ENE,lake S	678	31	Approaches 5:1. (NC)
Sky Harbor (Gaylord)	1 WNW,RR E			ABANDONED.
Steuben (Manistique) (NC)	20 NW	850	18	Woods all sides.
Timbers Sky Camp (South Branch)	0.2 NE,riv E	950	24 S1	80 oct.
(P) Traverse City	2.1 SE,RR NE	624	52h R1 L5 S6	80,100 oct.
Watersmeet (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg only-rough.
[redacted]				
Alexander (Wausau)	2.5 S,riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
(P) Antigo	2 ENE,hwy N	1483	33 S4	80, 91 oct. Flare pots avail.
Arbor-Vitae (NC)(Woodruff)	2.6 NW	1600	25 S2	80,91 oct.P-line N,trees E,W.
Boulder Junction	1.5 NW		38 S1	80,91 oct.Data unverified.
Brown County (Green Bay)	2.2 WSW,hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
Chaplin Arpk (Plymouth)	0.5 N,RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay)	2 WNW,	590	40 S2	80 oct.Pole line W,S. Bldgs N.
(P) CLINTONVILLE	1 ESE,RR SW	828	34 S6	91,80 oct.NNW blkd.Pwr line NE,SW, W
Eagle River (NC)	1.3 NW,riv NW	1675	26 S1	80,91 oct. P-line E
→ East Side (Green Bay)	1.8 SE,RR S	600	19 S1	ANANDONED
Fond du Lac	2.6 ENE,hwy S	769	26 S4	80,91 oct.P-line N,NE,NW,SE blkd.
Ginnow (Omro)	3 N, hwy E	800	19 S2	80 oct, Trees SW.Rough
King's Gateway (Land O' Lakes)	0.5 SSE,RR W	1736	44 S2	80,91,100 oct.P-line SE,SW,NW
(P) Kohler	1 N,hwy S	647	30 L1 S6	80,91 oct. SE blkd. Twr NE
Manitowoc	1.6 NNW,RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.Bndry
Merrill	1.2 NNW,RR E	1285	22 L1 S2	80 oct.Use strips only. lgts inop
Nepco Tri City (Wisconsin Rapids)	2.5 SSW, riv 1 W	950	36 L2 S6	80,91 oct.Lgts prior req
Nicolet (De Pere)	1.5 S,RR E	620	22 S4	80 oct.Pole line E,W.Data unver.
(P) Northern Lakes (Manitowish)	6.8 E, hwy NE	1600	28 S4	80 oct. Trees E,W.
Oconto Falls	2.7 ENE,RR S	600	20 S2	80 oct, Pole line N.
Outagamie Co.(Appleton)	2.2 ENE,RR S	750	29 S6	80,91 oct.P-line NW.
(P) Rhinelander	2 ,,;riv 1 SE	1598	37 S4	80,91 oct.No sto.Trees NW.
Shawano	2.3 ENE,lk NE	813	40 L S6	80,91 oct.Poles SW.Rnwy data unver
Sky Village (Plymouth)	1.8 WNW	800	18 S1	80 oct, Data unver. Lgts prior req.
(P) Stevens Point	3 NE, hwy W	1090	40h S6	80,91 oct.
Three Lakes	0.5 S	1664	14 S1	Fuel.Rough.Obst sur fld.
Tomahawk (NC)	0.5 WNW;riv N	1450	15	Obsts sur fld Emerg use
→ Valley Airways (Neenah)	3.9 SW,RR E	760	21 S4	80 oct.P-line E. Trees S.
Washington Island (NC)	0.6 NNE of Detroit Harbor	600	24	
Waupaca	4 ESE, hwy S	853	29 S2	80 oct.P-line,S,S
(P) Winnebago Co. (Oshkosh)	2 SSW,RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE,N,W.
→ Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1180	30 S4	80 oct,P-line N,NW. Rnwy data unver.
NEW AIRPORTS				
(P) Masons (Grayling,Mich)	12 ESE;riv 2 N.	1000	40 S1	91 oct.
Green Lake (Wisc)	4 W, hwy S	990	22 S1	90 oct. Data unver.
Kubiak's (Pulaski,Wisc.,Mich)	1.2 E	781	26 S4	Data unver Flood lgts prior req.
Harbor Beach (Harbor Beach)	2.5 ;rd S	670	20 L S2	80 oct.P-line NE/SE.
Brevort (Mich.)	1.2 NW;hwy S	620		Emerg. only.Trees E,W.
Waters (Mich.)	0.6 N;hwy W		25 S1	80 oct.P-line NW.Woods sur fld.
Evart (Mich.)	1 W SW;RR S	1035	24 S1	80 oct.P-line N,S.
Phelps Collins (Alpena, Mich)	6.5 NW;riv adj	685	50h L5 S4	80 oct.No ben,bndry lgts. Lgts prior req.
Lost Creek Sky Ranch (Red Oak,Mich.)	4 SSE;hwy S	1050	26 S1	80 oct.
Big Four (Topaz,Mich.)	2.5 S	1095	25 S1	80 oct.P-line S. Trees

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUGUSTA	221(AW)(116.1)	BMRLZ-DTV;81°,2	(4); 116.1
BANGOR (Dow)	239(BB)(116.1)	SBRAZ-DTV;172°,2.1	(4);116.1
DOW (Bangor)	278 (126.18)+	CA (ILS-W)	(3);126.18,118.7
EAST CORINTH FM	(- - - -)	FM, 352°, 13.5	Bangor.
HOULTON	272(HJ).	MRLWZ;195°,3.1	
LIMESTONE FM	(-)	FM, 57°, 22.3	Presque Isle
MILLINOCKET	344(MT)(116.1)	SBRAZ-DTV;292°,1.6	(4); 116.1
PRESQUE ISLE	388 (ZQ)	SBRAZ-DT;189°,3.4	(4)
Presque Isle AAF	278 (126.18)	AC(ILS-W)	(4);118.7,122.5,116.1.126.18
Presque Isle AAF	365 (RU)	SBMLZ; 9°, 3.8	(4)

NEW YORK

MASSENA	108.7(ME)	VARW	

VERMONT

BURLINGTON	323(JG)(116.1)	SBRAZ-DTV	(3); 116.1
Burlington Airport	278(126.18).	C; 151°,2.8	(4):122.5,126.18
GRANDE ISLE FM	(- - - -)	FM, 349°, 15	Burlington
HUNTINGTON FM	(- -)	FM, 151°, 17	Burlington
MONTPELIER (Barre-Montpelier)	257 (UV)	MRLWZ;230°,2.8	
VERGENNES FM	(- - -)	FM, 210°, 25.4	Burlington

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM-	MM- ·-·- (0.81)	OM- ––– (4.60)
					MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- ····· (0.06)	MM- ·-·- (0.85)	OM- ––·– (4.47)
					MMK- 201	OMK- 219
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
AUGUSTA	1.5 WNW,hwy S	354	34h R1 L5 S6	80,91 oct. Fld lgts prior req.
Andover (NC)	2.5 S,hwy E	675	17 S3	1125' hill, pole E.
Bar Harbor	9 NW,hwy W	87	45h L3 S6	80 oct. P-line NNE.
Bethel	1.6 NW,RR E	660	20 S1	80 oct.
Belfast	1 SW,hwy E	160	40h S4	80 oct. No sto.
Bishop (LaGrange)	0.8 N	360	10 S4	80 oct. SSW,WSW blkd.
Caribou	1 NW,hwy E	623	35h S6	80 oct. No sto. Bldg E. ARPT OF
Deblois Flight Strip	2 SE,riv W,N	219	40h	CLOSED ENTRY.
(P) Dexter	3 ESE	485	30h S4	80 oct.
Doanes (Brewer)	1.6 S,RR W	100	15 S5	80 oct. Poles NNE; trees SE.
(A) DOW (Bangor)(A)	2 W,RR S	160	70h R3(L6)S4	100 oct.
Eastport	1.5 WNW	70	29h S1	80 oct. P-line SW.
Fryeburg Arpk	1.3 E,RR S	400	26 S4	80,91 oct. P-line SSW, Trees NW.
Greenlaw (Auburn)	1.8 W,hwy S	238	16 S6	80 oct. Bldg S.
Greenville	2 ENE	1750	30h L3 S6	80 oct. Lgts prior req.
Guertin (Lewiston)	See Central under "New Arpts" - name changed.			
(P) HOULTON	2.5 E	493	57h L5 S6	80 oct.
(P) LEWISTON-AUBURN (Auburn)	See Auburn-Lewiston under "New Arpts" - name changed.			
Maheux (Minot)	3.5 NNW	720	21 S6	80 oct.
Millinocket	0.5 SE,hwy W	404	50h R1 L5 S1	91 oct. Fld lgts prior req.
Newport	1.5 ESE,hwy N	280	21	NW blkd.
Norridgewock	3.7 W;riv I W	270	40h	
Norway	1 N,RR S	387	18 S1	80 oct. Pole line SE.
Old Town	1.8 NNW,riv N	109	40h L3 S5	80 oct.
Pittsfield	0.8 SSE	190	40h S6	80 oct.
Pittston	1.8 ENE,RR W	140	18	NW,SW,S blocked.
(A) PRESQUE ISLE AAF (A)	1.5 WNW,RR E	529	68h R3 L6 S4	91,100 oct. No sto. ARPT OF
Princeton	1.5 SSE,hwy NE	250	40h S4	Fuel avail. ENTRY.
Rangeley	1.6 NNW,hwy S	1810	15	
Raymond's (Phillips)	0.8 S,riv E	556	20 S1	80 oct. Rnwy info. unver.
Rockland	3 SSE,rd NE	49	45h L5 S6	80,91 oct. No sto.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➔ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Rollins Fly. Svc. (Turner)	2.5 NNW,rd E	335	20 L S2	80 oct. Flare pots prior req. P-line NNE.
Roy L. Fernald (Winterport)	3 WNW,hwy S	182	40h L3 S1	80 oct. Lgts prior req.
Tomlinson (Skowhegan)	1 NNE;riv 1.5 S	240	21 S6	80 oct. P-line W,NW.
Waterville	1.8 SW,riv E	303	40h L5 S6	80,91 oct. Fld lgts prior req.
Weston (Madison) (NC)	1 N;riv .8 W	300	19	WSW blkd. Use in emerg.

NEW HAMPSHIRE

Berlin	7.5 N,riv W	1140	52h S4	80,91 oct.
Dean Memorial (Haverhill)	4.1 NE,RR W	570	18 S1	80 oct. Trees N,NW. Rnwy data unver
Lancaster Arpk.	0.3 N,riv W			ABANDONED.
Lewis (Littleton)	2.5 E,RR S	900	22	80 oct.
Twin Mountain	0.8 SW;riv N	1430	18 S4	80 oct. No sto.
Whitefield	3 ESE,RR N	1050'	24 S1	73 oct.
White Mountain (No. Conway)	1.9 SSE;RR .3 W	495'	20 S6	80 oct. Trees NW.

NEW YORK

Bradley (Watertown) (NC)	2.2 N,RR E,W	435	18	Rough. Pole line W,SW.
Damon (Potsdam)	1.5 E;hwy S	460	20 S1	80 oct. P-line N. Strips rough at ends.
Keeseville	1.4 S;riv WNW	490	20	Pole W.
Lake Placid	2 SE,RR NW	1750	21 S1	80 oct.
(P) Malone-Dufort	2 W,RR N	790	40h S1	80 oct. ARPT OF ENTRY.
Marcy (Keene) (NC)	2.5 S,hwy E	1000	18	Mtn N,S.
(P) Massena	2.2 E,riv SE	200	40h L1 S6	80 oct. Bcn on req. Trees WSW ARPT OF ENTRY.
(P) Ogdensburg	1.5 SE,RR W	285	30 S6	80 oct. ARPT OF ENTRY.
(P) Plattsburg, mun.	3.4 WSW;riv SW	375	50h L5 S1	80, 91 oct. Lgts prior req.
(P) Saranac Lake	5.3 NW,RR NW	1655	40h L2 S4	80 oct. No sto. Lgts prior req.
Stewart (Massena)	2.1 SE,RR NE	210	20	
Tupper Lake (NC)	1 E;riv SE	1680	14	Use strips only. P-line W. Rough.
Westport	2 S,RR W	285	22 S2	80 oct.

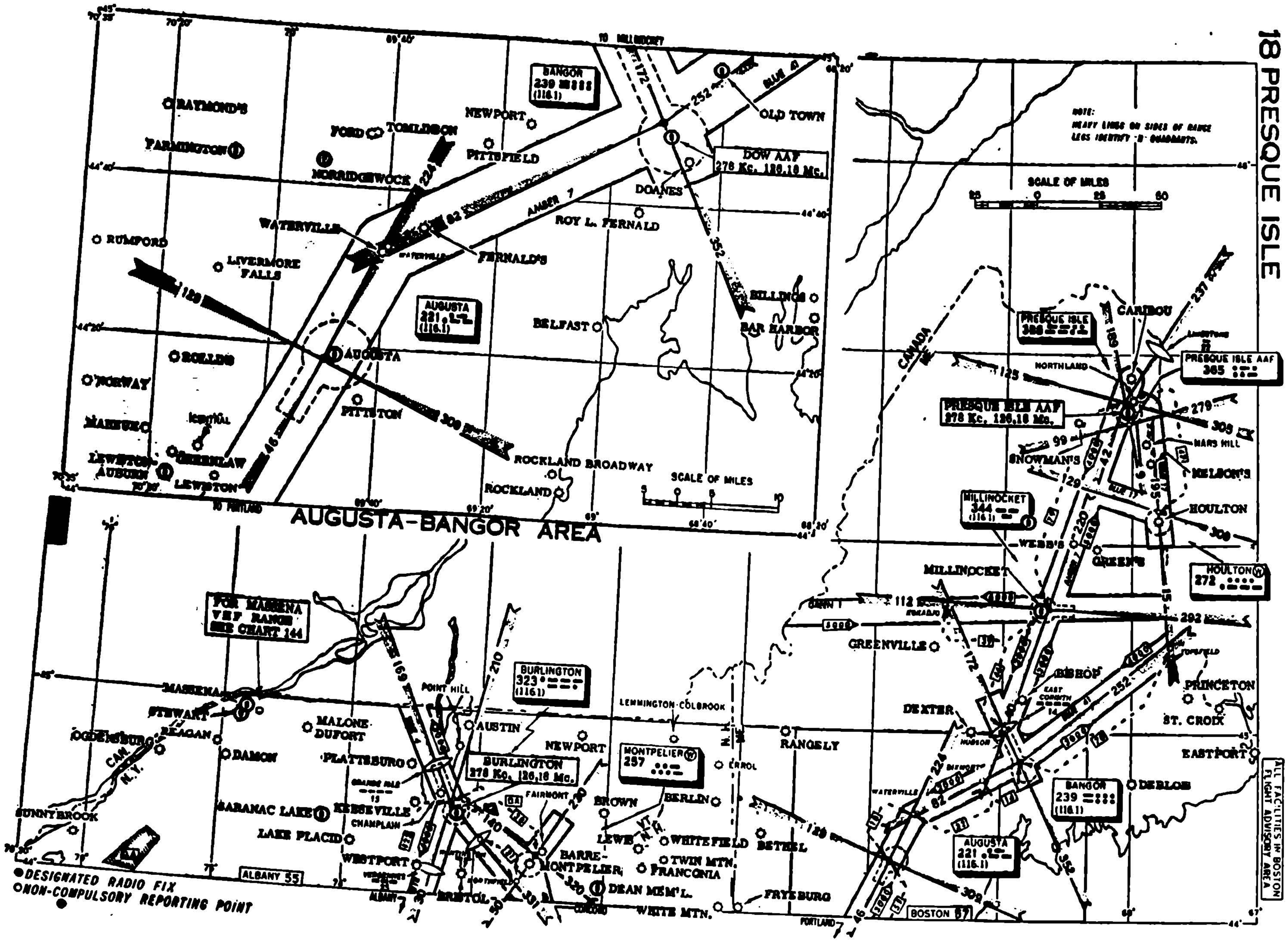
VERMONT

Austin (Swanton)	1.7 NE,RR W	235	21 L S6	80,91 oct. Port rnwy lgts prior req. ARPT OF ENTRY.
BARRE-MONTPELIER (Barre)	3 W;pond SW	1149	41h L5 S6	80,91 oct.
Bristol	0.7 W,riv SE	570	21 L S6	80 oct. Port rnwy lgts. ENE blkd.
(NC) BURLINGTON	3 E,riv NE	334	44h R2 L5 S6	80,91 oct. ARPT OF ENTRY.
Newport	3 SSW,RR E	930	40h L2 S1	Ltd 80 oct. All lgts prior req.

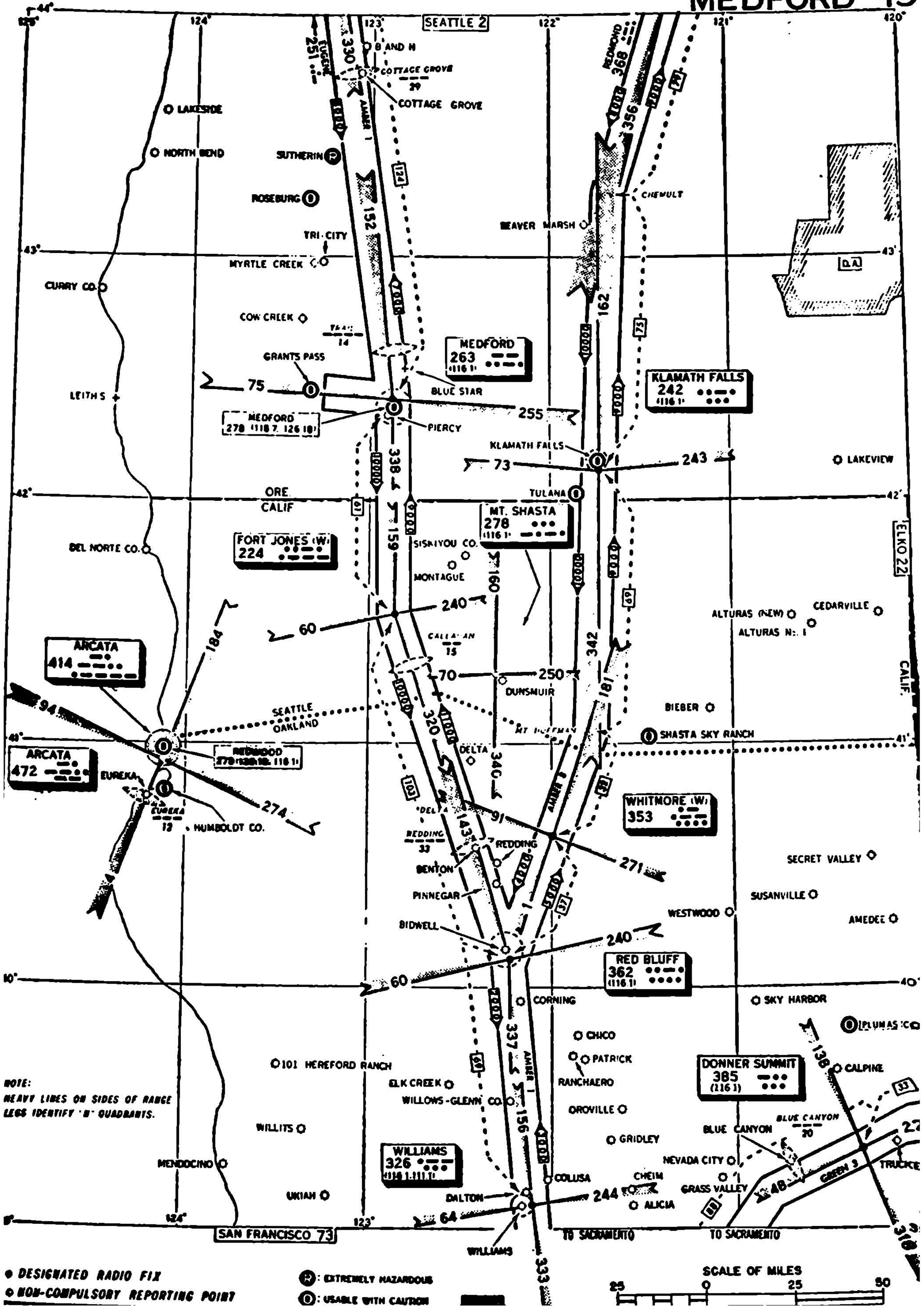
NEW AIRPORTS

Farmington Arpk, (Me.)	4.5 N;rd W	430	17 S6	80 oct. No sto.
Fernald's (Benton,Me.)	0.6 WNW;hwy S	120	18 S6	80 oct. No sto. WNW blkd.
Ford (Skowhegan,Me.)	1 NNW	230	15	Emerg only.
Franconia Arpk, (N.H.)	2 SE		20	
Brown (St.Johnsbury,Vt.)	5.2 N;RR E	807	21 S6	80 oct. Obst sur fld.
Billings Arpk (Ellsworth,Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW, SE
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line, trees S,N
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct. No sto.
Snowman's (Ashland, Me)	1.2 NW;riv E	540	17 S1	80 oct.
Lancaster Arpk (N.H.)	1.3 W;riv N			ABANDONED.
Lewiston (Me)	5 SE;RR SE	190	6 S4	80 oct. No sto. NNE blkd.
Livermore Falls (Me)	1.3 SE;riv W	300	10	
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct. No sto. Wires, Trees NW
St Croix (Baring,Me)	0.5 E;hwy N	95	19 S1	80,91 oct. NNW blkd. Flares on req.
Webb's Fld (Patten,Me) Me)	1 NNW;hwy E	650	14 S4	80 oct. No sto.
Rockland Broadway (Rockland,	0.8 SSW	60	19 S4	80 oct.
Reagan Fld (Norwood,N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Sunnybrook Fld (Clayton,N.Y.)	3.4 S;hwy E	390	18 S1	80 oct. ESE blkd.
Champlain (Colchester,Vt)	6.3 W;RR W	120	17 S4	80 oct. P-line S; swamp W
Fairmont (E.Montpelier,Vt.)	0.8 SSE;RR W	745	19 S4	80 oct.
Point Hill (St.Albans,Vt) Me)	3.5 W;bay E	155	14 S4	80 oct. Wires ESE
(P) AUBURN-LEWISTON (Auburn,	4.5 SW;RR W	290	45h L5 S6	80,91 oct. P-line E, SE. Fld lgts on req.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
Errol (N.H.)	1.2 WNW	1245	18 S4	P-line NW.
Austin (Wash., Me)	2.6 W;hwy N	280	13 S1	80 oct.
Community Arpk (Mapleton,Me)	4.3 NE	630	8 S1	80 oct.
Dingley (Auburn,Me)	2.5 NW;lk N	320	18	P-line SW.
Moscone's (Mallawamkeag,Me)	4 NNW;riv W	210	15	
Robbins (Hudson,Me)	2.7 SW	365	18 S1	80 oct.
Central (Lewiston,Me)	1 NE	220	15 S1	80 oct.
Northland (Presque Isle,Me)	5.5 N;hwy E	685	15 S1	80 oct.
Lemington-Colbrook (Vt)	3.8 SSW;hwy E	1030	18 S4	80 oct.

AUGUSTA-BANGOR AREA



MEDFORD 19


SEATTLE 2
LAKESIDE
NORTH BEND
SUTHERIN
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
GRANTS PASS
LEITH S
MEDFORD 278 (118 7, 126 10)
MEDFORD 263 (116 1)
BLUE STAR
PIERCY
75
255
338
159
152
251
330
COTTAGE GROVE
B AND H
COTTAGE GROVE 29
AMBER 1
123
BEAVER MARSH
CHEMULT
KLAMATH FALLS 242 (116 1)
KLAMATH FALLS
73
243
162
356
368
REDMOND
LAKEVIEW
ORE
CALIF
FORT JONES (W) 224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
TULANA
MT. SHASTA 278 (116 1)
160
240
60
184
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
ELKO 22
CALIF.
ARCATA 414
ARCATA 472
EUREKA
HUMBOLDT CO.
94
274
SEATTLE
OAKLAND
REDWOOD
CALLAHAN 15
70
250
DUNSMUIR
320
342
181
BIEBER
SHASTA SKY RANCH
DELTA
340
WHITMORE (W) 353
143
91
271
REDDING
BENTON
PINNEGAR
BIDWELL
SECRET VALLEY
SUSANVILLE
WESTWOOD
AMEDEE
240
RED BLUFF 362 (116 1)
60
CORNING
SKY HARBOR
PLUMAS CO.
CHICO
PATRICK
RANCHAERO
OROVILLE
337
156
DONNER SUMMIT 385 (116 1)
CALPINE
BLUE CANYON
GRIDLEY
NEVADA CITY
GRASS VALLEY
ALICIA
CHEIM
244
48
64
DALTON
WILLIAMS
COLUSA
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN CO.
WILLITS
MENDOCINO
UKIAH
WILLIAMS 326 (116 1, 111 1)
SAN FRANCISCO 73
TO SACRAMENTO
TO SACRAMENTO
TRUCKEE
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARCATA (UAL) (Redwood)	472 (NZM)	MRL;4°,3.0	(3)
ARCATA (H fac) (UAL) (Redwood)	414 (NZ1)	H; 310°, .15	(4) Z marker 200' from SE end Rnwy 31.
BIDWELL (Red Bluff)			DECOMMISSIONED.
BLUE CANYON			DECOMMISSIONED
BLUE CANYON FM	(- - -)	FM, 228°, 19.5	Donner Summit
CALLAHAN FM	(- -)	FM, 140°, 15.1	Ft. Jones
DONNER SUMMIT	385 (DS) (116.1)	BMRL-DTV	(4):116.1
EUREKA FM	(- - -)	FM, 184°, 11.7	Arcata
FORT JONES	224 (FJ)	SRAWZ	
MT. SHASTA	278(SC)(116.1)	BMLZ-DTV, 116°,2.2	(4); 116.1
RED BLUFF (Bidwell)	362(FH)(116.1)	SBRAZ-DTV,323°,2.5	(4);116.1,122.1
REDDING FM	(- - - -)	FM, 323°, 33.2	Red Bluff
WHITMORE	353 (AWH)	MRLWZ	
WILLIAMS (Int.)	326(WS)(vhf)	SBMRAZ-DTV.244°, 2.2	(4);116.1,122.1
OREGON			
COTTAGE GROVE FM	(- - -)	FM, 150°, 29	Eugene
KLAMATH FALLS	242 (FS) (116.1)	SBRAZ-DTV;342°,2.7	(4); 116.1
MEDFORD	263(MF)(116.1)	SBRAZ-DTV	(3); 116.1
Medford AAF	278 (126.18,118.7)+	AC; 158°, 2.4	(4);126.18,118.7,122.5
TRAIL FM	(- - - -)	FM, 332°, 14	Medford
REDWOOD (Arcata), Calif.	278(116.1,126.18)	CI (ILS-W)	(3);116.1,126.18 (8-17)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
REDWOOD	109.5	332.6	312°	IM- (0.14)	MM- ····· (0.66)	OM- -- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alicia (Marysville)	3.2 SSE,RR W,E	63	60h L5 S6	80,91 oct.
(P) Alturas (new)	6.8 WNW	5034	63h	
Alturas #1	1 W,RR S	4391	30 S6	80,91 oct. P-line N,NE,SW,NW.
Amedee Flight Strip (Amedee)	4 SE,RR N	4007	70h	
Arcata	See Redwood under "New Airports" - name changed.			
Ash Creek, USFS (McCloud)(NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE,NW.
Beckwourth	See Plumas Co under "New Airports" - name changed.			
Benton Airpark (Redding)	1.1 WSW;riv 1 E	719	25 L3 S6	80, 91 oct. Wires N.
(N) BIDWELL (Red Bluff)	1.7 SSW;RR 1 E	354	40h R1 L5 S4	80,91,100 oct. Fld lgts prior req.
* Blue Canyon Int,13,SF-SL	1.1 NNE;hwy NW	5280	34 L3	Wires N,NE, RR E. Wires E, W
Cedarville	0.6 S;hwy E	4260	26 S2	91 oct. P-line E,W blkd.
Cheim (Marysville)	1.5 NE,hwy S	67	30 S6	80,91 oct. Wire SW. Levee N,NE.
Chester, USFS (NC)	1.5 SSW;hwy NW	4525	31	P-line WSW,WNW. Closed to
(P) Chico	5 N;hwy E	237	67h L5 S6	No flood or bndry lgts. public.
Colusa	1.2 SW,RR W	47	29 S4	80 oct. Pole line NNW.
Corning	1.3 NE,RR W	300	22 L1 S6	80 oct.
Dalton Com. (Williams)	1 ENE,RR SW	65	26 S6	80 oct. S,W blkd,Soft.
(P) Del Norte Co. (Crescent City)	2.5 NW;Ocean W	57	50h L1 S1	80,91 oct.
* Delta Int, 22, SF-SA	1 S;RR,hwy N	1320	18 L3	800-1000' mtns E, W.
Dunsmuir,25B, SF-SA	4.5 N,RR W	3240	30 R1 L3 S2	80,91 oct. Poles E,N, lgtd.
Eureka	2 W,bay E	20	24h L1	
(P) Fall River Mills	See Shasta Sky Ranch under "New Airports" - name changed.			

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➔ NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Fort Jones (NC)	1.5 NW;rd NE	2745	30	Pole line NW.
Gasquet (Crescent City) (NC)	13 ENE,hwy S	390	25	Hazardous-bad approach. USFS
Grass Valley	0.8 W,hwy N	2600	18 S1	80,91 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake) (NC)	20 N, lake S	2000	49 S2	Road crosses NE/SW strip. No fuel. Trees NE,SE,NW.
Gridley	0.7 ENE;hwy E	97	26 S1	80,91 oct. Pole line N,S.
Hayfork, USFS (NC)	1.2 E;hwy N	2350	30	Pole line W, mts E. Closed to Public
Humboldt County (Eureka)	3.6 ENE;hwy N	10	18h S6	80,91 oct. Poles NW. Rnw
Mendocino (Little River)	2 5 SE	572	53h S4	80.91 oct.
Montague	1 W;hwy S	2520	32 L3 S6	80, 91 oct.
Nevada City	1.5 NW,rd S	3060	26 S4	80 oct.
(P) [Oroville]	3 SW,riv E	199	60h L5 S2	80,91 oct. Port rnwy lgts prior req.
Patrick (Chico)	2 SSE,RR E	189	34 S6	80,91 oct. P-line NW.
Pinnegar (Anderson)	1 S,creek N	435	23 S1	80 oct. Cattle on fld, hill SSE.
Ranchaero (Chico)	2.2 WSW,riv W	170	22 S6	80, 91 oct. Hwy NE. P-line S.
Redding	7.5 SE,riv S	500	60h S2	80,91 oct.
Round Valley (Covelo)(NC)	0.7 SW;hwy E	1385	30	
* Secret Valley Int,52,RV-ND	4 SE	4435	50	Day use only.
(P) Siskiyou Co. (Montague)	4.3 NE,RR W	2647	73h L5	
Sky Harbor (Quincy)	2.5 E;hwy S	3400	24 S2	80,91 oct. Poles S.
Susanville	6.5 SE,hwy SW	4150	32 S6	80,91 oct. Pwrline N.
* Truckee Int,16B, SF-SL	3.6 ENE,RR S	5820	34 L1	Snow Dec.-April.
(P) Ukiah	1 S,RR E	612	40h L5 S6	80,91 oct. Wires NNW
Weaverville, USFS (NC)	1 SSE,hwy E	2040	22	30' pole Poles S. Closed to Public.
* Williams Int,9, SF-SA	4 S;rd N	139	42 R1 L3	Mtns W. N/S strip soft when wet.
Willits	1.3 ENE;rd S	1356	18 S1	80 oct. Trees E. Pole line W.
Willows-Glenn Co.	1.3 WSW,RR E	130	45h L1 S6	80 oct, No sto.

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Beaver Marsh Int,73,RV-ND		4630	54 L3	6.2 SSW Chemult
Blue Star Arpk.(Eagle Point)	4.5 N,hwy E		20 S2	Data unver.
Civil Air Patrol (Worden)	See Tulana under "New Airports" - name changed.			
* Cow Creek Int,37B,SF-SA	2.5 ENE Glendale	1429	24 L3	Creek S.
(P) Curry Co. (Denmark)	3.8 WSW	214	51h L5	All lgts prior req.
Illinois Valley Landing Field (Cave Junction) (NC)	4.3 SSW,river 1 E	1350	43	Trees NNE. USFS
Klamath Falls	4.9 SSE,RR NE	4085	71h R1 L5 S5	80, 91, 100 oct. Fld lgts on req.
Lakeside	0.3 NE;RR S	20	25	Pole line S. Ctn. Hazardous.
Lakeview	3.5 SW,RR E	4728	53h S6	80,91 oct.
(A,N) MEDFORD	3.2 N,RR E	1329	54h R2 L5 S4	80,91,100 oct. Pole line NE. NATS
* Myrtle Creek,Int,39A,SF-SA	4 SW,riv,RR W	640	25 L3 S1	80 oct. Hill N.
(P) North Bend	1.2 WNW,bay NE	17	50h	
Piercy (Medford)	2.6 NW;hwy E	1250	20 S6	80,91 oct. Poles SE.
* Roseburg Int,41A,SF-SA	2.4 NNW,RR E	500	38 S6	80,91 oct. No sto.
Sutherlin Sky Ranch	3.8 ENE,rd E,S	575	18 S1	80 oct.
Tri-City (Riddle)	3.5 NE,RR N,W	700	19 S1	80 oct. P-line N,S.

NEW AIRPORTS

B & H (Creswell,Ore.)	3.3 SSW;RR E	620	16 S6	80 oct. Trees NNE
Cottage Grove (Ore.)	1.9 S;riv S	640	22 S1	80 oct.
Grants Pass (Ore.)	1.6 N;RR W	1050	27 S6	80,91 oct. Poles, trees N.
101 Hereford Ranch (Laytonville,Calif.)	1 S;hwy E	1635	18 S1	80 oct.
(P) Shasta Sky Ranch (Fall River Mills,Calif.)	1 N;hwy E	3300	33 S6	80,91 oct. Soft. P-line W,SSW,E,ENE,S.
Elk Creed (Calif.)	0.7 SSE;hwy W	725	16 S1	80 oct. Obst sur fld.
Leith's (Gold Beach,Ore)	Adj W	16	23 S1	80 oct. Data unver.
Bieber (Calif.)	1 NE;riv W	4155	33	Soft in winter.
Westwood (Calif.)	1.5 W;hwy N	5100	22	
Tulana (Worden,Ore)	1 S;RR NW	4080	37 S6	80 oct. No sto. Pwr line NNE.
Redwood (Arcata,Calif)	7.6 NNW	217	60h R3 L	Exten experimental lgting. Closed.
Plumas Co (Beckwourth,Calif.)	0.8 ENE;RR SW	4900	36 S6	80,91 oct. P-line SE,S,SW.
Calpine (Calif.)	1 SE;rd N,E	5000	29 S1	91 oct. P-lines NE.

ELKO

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

RADIO — NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW;hwy W	2660	25 S6	80 oct.Right traffic when land. to NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S6	80 oct.Trees WNW.
Floating Feather (Eagle)	2 E;riv 1.5 S	2635	39 S2	80 oct. Hills NE,NNE, SE.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

A-Hard surfaced runways. P-[illegible] → NEW OR REVISED DATA

AIRPORTS — NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.Hills SE.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon	6 SE,hwy S	3931	70h L5 S4	80,91 oct.
HUBBARD (Reno)	3.4 SE;hwy W	4404	64h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S,Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 S4	80,91 oct.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	52 S4	73,80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct.Poleline W.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

AIRPORTS — OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	23.9 SW;hwy E	4050	60h L	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2857	77h R2 L5 S6	80,91 oct.

N

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE LOW ALTITUDE AIRWAYS

SPOKANE 3
MEDFORD 19
SALT LAKE CITY 23
FRESNO 77
LAS VEGAS 79
SEATTLE
OAKLAND
SEATTLE
SALT LAKE CITY
OAKLAND
SALT LAKE CITY
OAKLAND
NEV.
ORE.
IDA.
NEV.
CALIF.

ROE-DAVIS
BURNS
ALKALI LAKE
VALE
NYSSA
PARMA
CALDWELL
RITCHEY
EMMETT
FLOATING FEATHER
BAKER
EAGLE
BOISE AIRPK.
BRADLEY
BOISE AIR TERM.
278 ∝ 118.3 126.1 ∝
BOISE
350
(111.1, 116.1)
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
GLENNS FERRY
BURLEY
ROME
OWYHEE
WINNEMUCCA COMI.
WINNEMUCCA
BATTLE MOUNTAIN FLGT STRIP
BATTLE MOUNTAIN
BATTLE MOUNTAIN
281
(116.1)
ELKO
391
(116.1)
ELKO
LUCIN
WENDOVER
HUMBOLDT
209
(116.1)
BUFFALO VALLEY
LOVELOCK COM.
LOVELOCK
HUMBOLDT
RENO
254
(116.1)
RENO SKY RANCH
RENO
AAB
FALLON
HEAD WORTH
FERNLEY
SPARKS
LAHONTAN
LAHONTAN
FLGT. STRIP
HUBBARD
278
FALLON
230
AUSTIN OLF
DONNER SUMMIT
CARSON CITY
FALLON
YERINGTON

121 140 206 290 26 93 219 50 229 49 228 48 126 228 48 225 45 138 161 341 318 302 301 320

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓔ: EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

TO KING HILL

GREAT FALLS 6

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GOODING 215 (116.1)

BURLEY 272 (116.1)

IDAHO FALLS 359 (116.1)

POCATELLO 257 (111.1, 116.1)

MALAD CITY 314 (116.1)

LUCIN 302 (116.1)

STREVELL 335 (116.1) On request

OGDEN 263 (116.1)

FORT BRIDGER 382 (111.1, 116.1)

WENDOVER 248

SALT LAKE CITY 227 (111.1, 116.1)

FAIRFIELD 362 (111.1, 116.1)

DELTA 212 (116.1)

HINCKLEY 284 kc.

WENDOVER AAF 201 kc. 126.18 mc

HILL AAF 396 kc. 126.18 mc

SALT LAKE CITY NO. 1 278 kc. 118.3 mc

FRIEDMAN · CAMAS CO. · FLYING BAR "S" · ALBERT · ADKINS · BILLY ANDREW · GOODING · JEROME · TWIN FALLS · BURLEY · ROBERTS · ST. ANTHONY · REXBURG · DUBOIS · IDAHO FALLS · SIGNAL MOUNTAIN · JACKSON · POCATELLO · POCATELLO AAF · ABERDEEN · HAYFIELD · UNIVERSITY · AMERICAN FALLS · IDAHO · WYO · AFTON · IDAHOME · MONTPELIER · BEAR LAKE CO. · COKEVILLE · STREVELL · MALAD CITY · PRESTON · IDAHO NEV. · SAN JACINTO · LOGAN-CACHE CO. · HILLCREST · KEMMERER · TREMONTON · CORINNE · BRIGHAM · HUNTSVILLE · LUCIN · PROMONTORY POINT · OGDEN ARPK. · EVANSTON CITY · FORT BRIDGER · EVANSTON · LAYTON · BOUNTIFUL · VENTOSA · LOW · TIMPIE · KNOLLS · GRANTSVILLE · SALT LAKE NO. 2 · MIDVALE · ALTA · UTAH CENTRAL · TOOELE · RIVERTON · FAIRFIELD · PROVO · SPANISH FORK · DUGWAY AAF · NEPHI · CARBON CO. · MT PLEASANT · MANTI-EPHRAIM · YELLAND · DELTA

TO ELKO · ELKO 22 · NEV. UTAH · TO MILFORD

ROCK SPRINGS 26

LAS VEGAS 79 | WINSLOW 81

OVER

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1
GOODING (new)	215(GG)(116.1)	BHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1

UTAH

CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL,(Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (0830-2130.Wed-Sun;1130-2130.Mon,Tues)
→ SALT LAKE CITY	227(SL)(vhf)	SBRAZ-DTXV;163°,2.9	(3);116.1,122.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ·•• ·-··	335	343°	IM-	MM- ·-·- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; **W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105,** 4495, 6210 **kcs; (4)-3105, 4495,** 6210, 3117.5 kcs. → **Parenthetical Numbers in** Frequency Column **indicate VHF Voice.** **+ - Army A.C.S. transmits on** and guards **116.1, 137.88, 780.58** mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal E	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W
American Falls	2 NE,RR NW	4404	38 S6	80 oct. Poles S.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct. Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct. P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
→ (P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
→ Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW,riv,RR E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
→ * Idahome Int,13, SL-PO	0.8 NNE	4420	21 L5	
→ Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80,91 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 S2	80 oct.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
→ St. Anthony	1.1 SSE,RR W	4965	40 S6	80 oct. SW blkd.NE bldg.
* Strevell Int, 10, SL-PO	0.3 NNW,hwy W	5270	31 R1 L2	Hwy S.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC) 91 oct. Trees N
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
University (Ham's)(Pocatello)	1 ENE,hwy W	4550	35	Hills N,S. Emerg only.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE,trees NW. Emerg only.

NEVADA

* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W			ABANDONED.
Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.

UTAH

Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct. Hwy W.
→ Bountiful Sky Haven	2.6 WSW	4222	38 S4	80 oct. P-line S,NW.
→ Brigham	3 NW,RR S	4220	37 L4 S6	80 oct. P-line S.Wires W.
→ Carbon County (Price)	2.8 E,RR W	5800	58 S6	80 oct. Use strips only.
→ Delta	4.8 ENE,	4755	61h R1 L5 S3	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
→ Duchesne (NC)	2.2 NNE;hwy W	5700	55 S2	80 oct. P-line NW,W. Use strips only.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
→ Hillcrest (Logan)	2.7 NE,RR W	4780	27 L S6	80,91 oct. Port flood lgts.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	42 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80,91 oct. P-line NE,SE.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4413	50 R1 L3	
→ Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S4	80 oct.
Midvale	3 WSW;RR NW	4500	24 S6	80 oct P-line SE. Ctn when wet.
→ Mt. Pleasant	1.5 SSW,RR NW	5857	48 S6	80 oct. Trees NE. Use strip only.
→ Myton (NC)	1 E,riv N	5090	31	Stay on strips.
→ Nephi	2.5 NW	4800	48 S2	80 oct. Soft when wet
→ Ogden Airpark	4 S,hwy NE	4700	52 S6	80 oct. P-line NE. Fence S.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	on fld
→ (P) Provo	2.8 WSW;lake W	4490	70h L5 S6	80,91 oct. Fld lgts prior req. Cattle
(NC) SALT LAKE CITY #1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct. Rdo rec rqrd. Ltd 100 oct.
Salt Lake City No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NC
Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
→ Tooele (NC)	1.4 WSW,RR W	4985	32 S4	80,91 oct. P-lines N,NW.
→ Utah Central(Salt Lake City)	4 SW;hwy N	4240	37 S4	80 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	29	N blkd.
Big Piney (NC)	2 N;hwy E	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
→ Evanston City	3.6 SSW	6800	30 S4	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
Signal Mountain (Moran)	2.3 S	6800	45	Mtn 2 mi N.

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	0.5 NE;hwys S,W	6730	30 S3	80 oct. Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct. Batt.lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct. Soft in spring.

RADIO — COLORADO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ) (116.1)	BHTV	(4) :116.1
LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •---	335	110°	IM-	MM- •-•-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

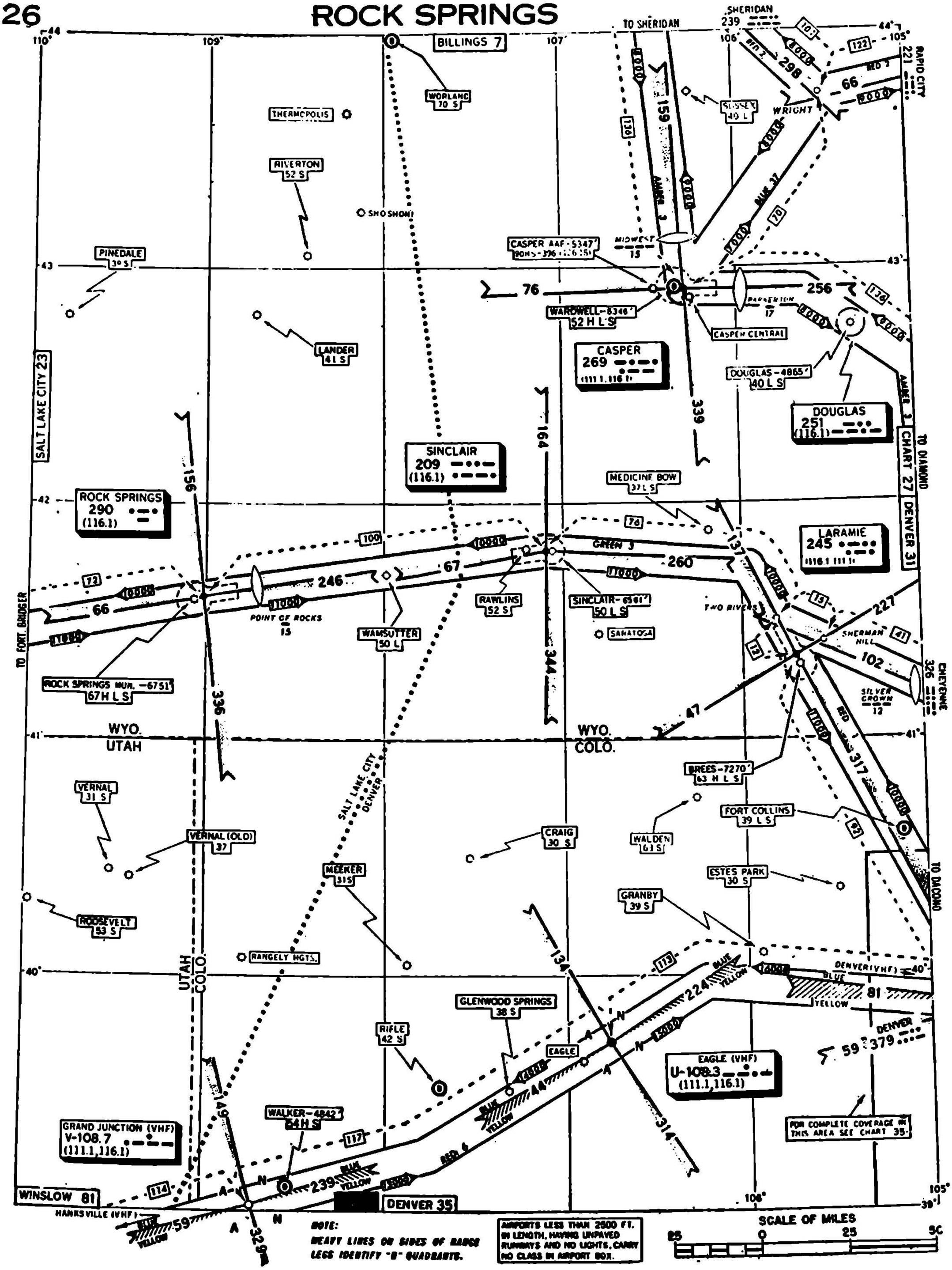
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L1 S6	73,80,91 oct.
Glenwood Sprgs.	2 S	5900	31 S4	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.
UTAH				
Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,E,SE.
Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct. Use strips
Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet. only.

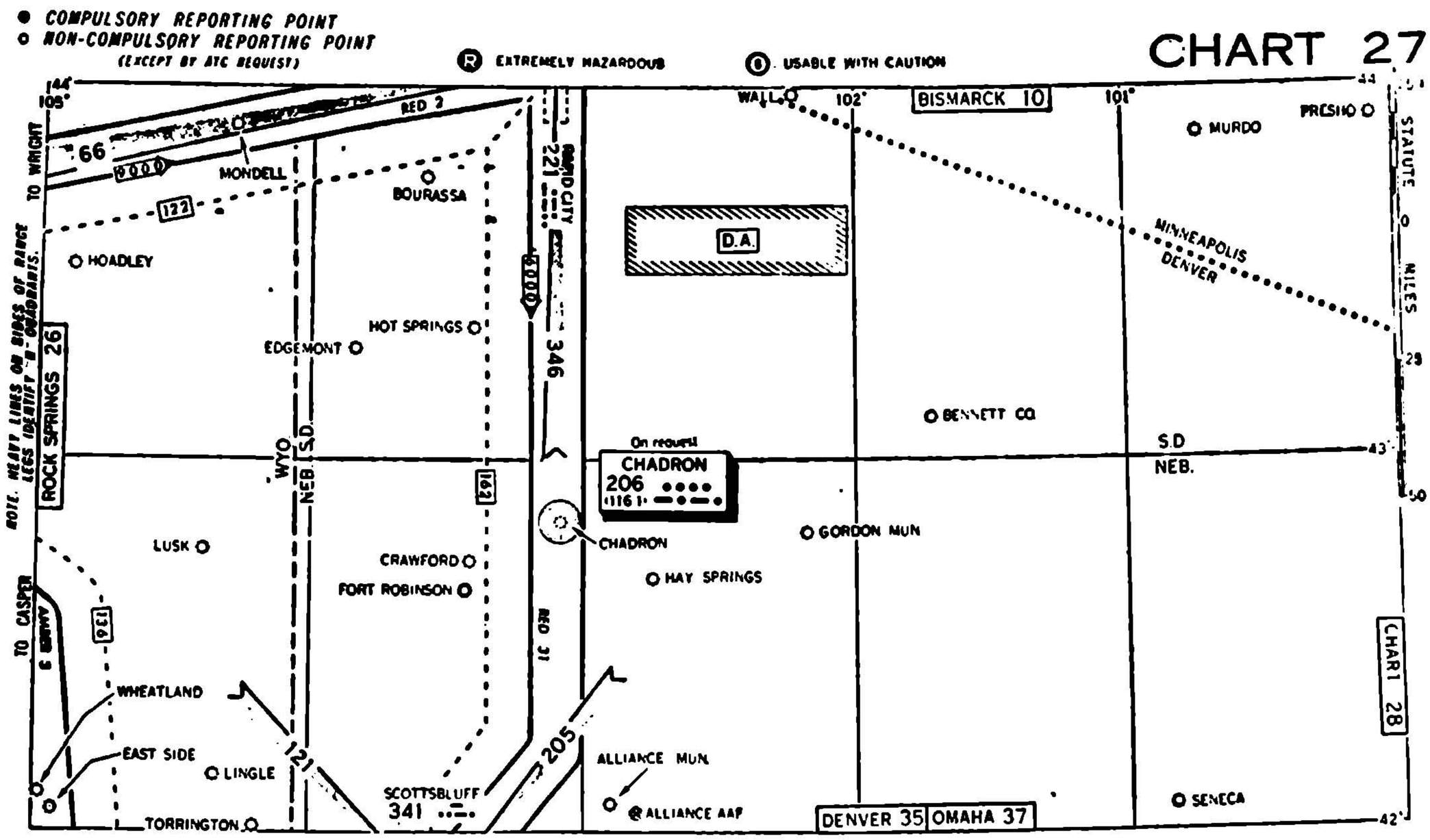
WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
General Brees (Laramie)	See Brees Field under "New Airports" – name changed			
Lander	1.5 S;riv W	5550	41 S2	73 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy N	7200	39 S1	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS (new)	8.8 E;RR N	6751	67h R1 L5 S2	73,80,91,100 oct;80 oct daylgt hrs only.
Rock Springs (old)	3.8 NNW	6370	58	(NC)
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	36 S1	80,91 oct. Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct.
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.
NEW AIRPORTS				
Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct. Poles SE.
Saratoga Mun. (Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct. S blkd. P-line SE.
Laramie (Wyo.)	4 S;hwy W	7218	38 S1	Fuel. 100' Stack NW.

h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not checked) → NEW OR REVISED DATA

ROCK SPRINGS



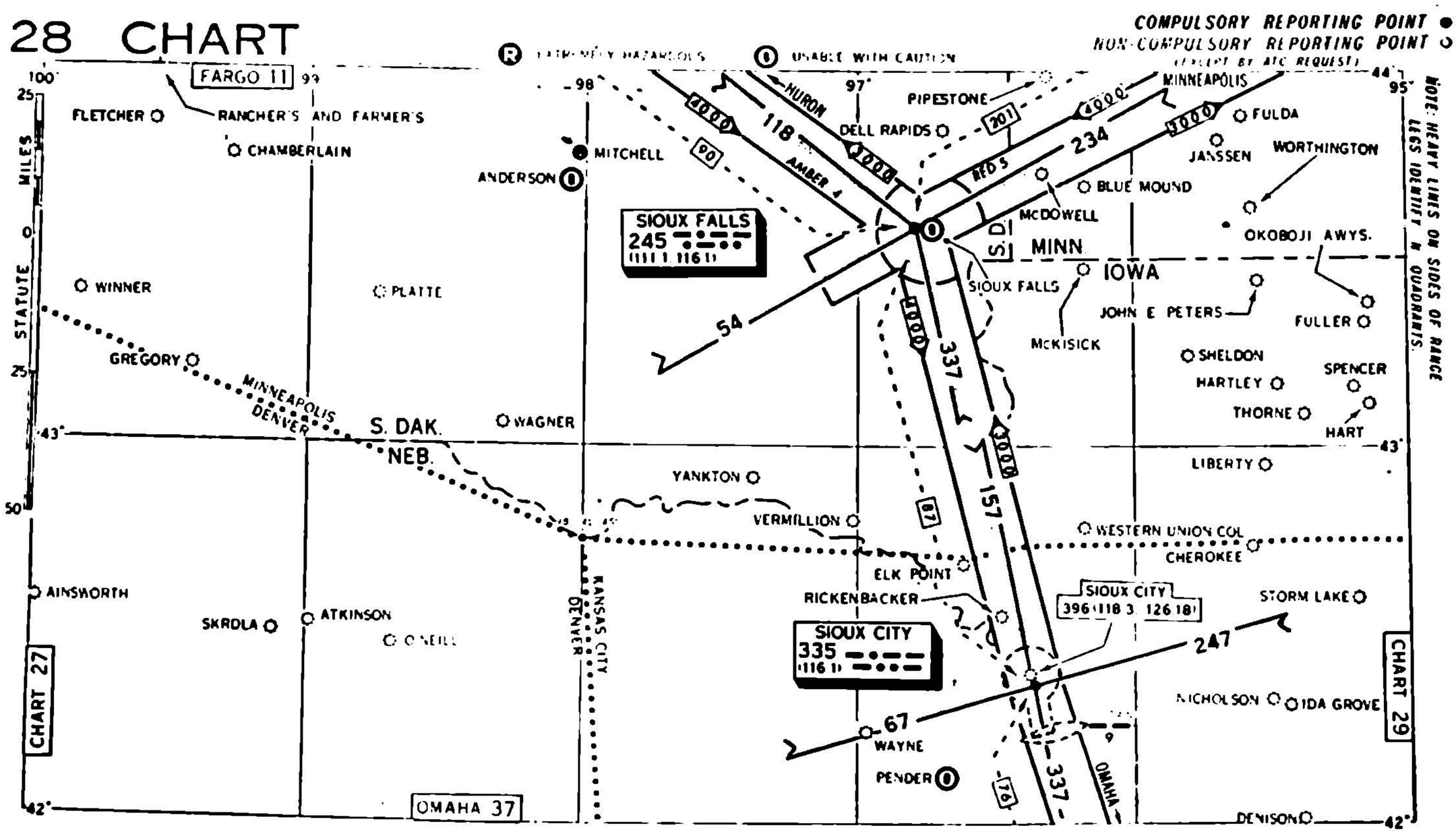


FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
→ Crawford (Nebr)	3.8 NNW;hwy E			ABANDONED
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	42 S1	80 oct. P-lines SE,S,NW,N.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	80 oct. P-line N,E.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW. NW
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. P-line S,SE,SW,W
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles
(P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	73,80,91 oct. Rough. NE.
NEW FACILITIES				
Murdo (S.D.)	1 WSW;hwy E,S	2300	25 S1	80 oct. NE,E blkd. Use ctn.
Wall (S.D.)	0.5 NW;RR E	2800	33 S2	73 oct. NE,E,SE,S blkd

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. **(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways.**

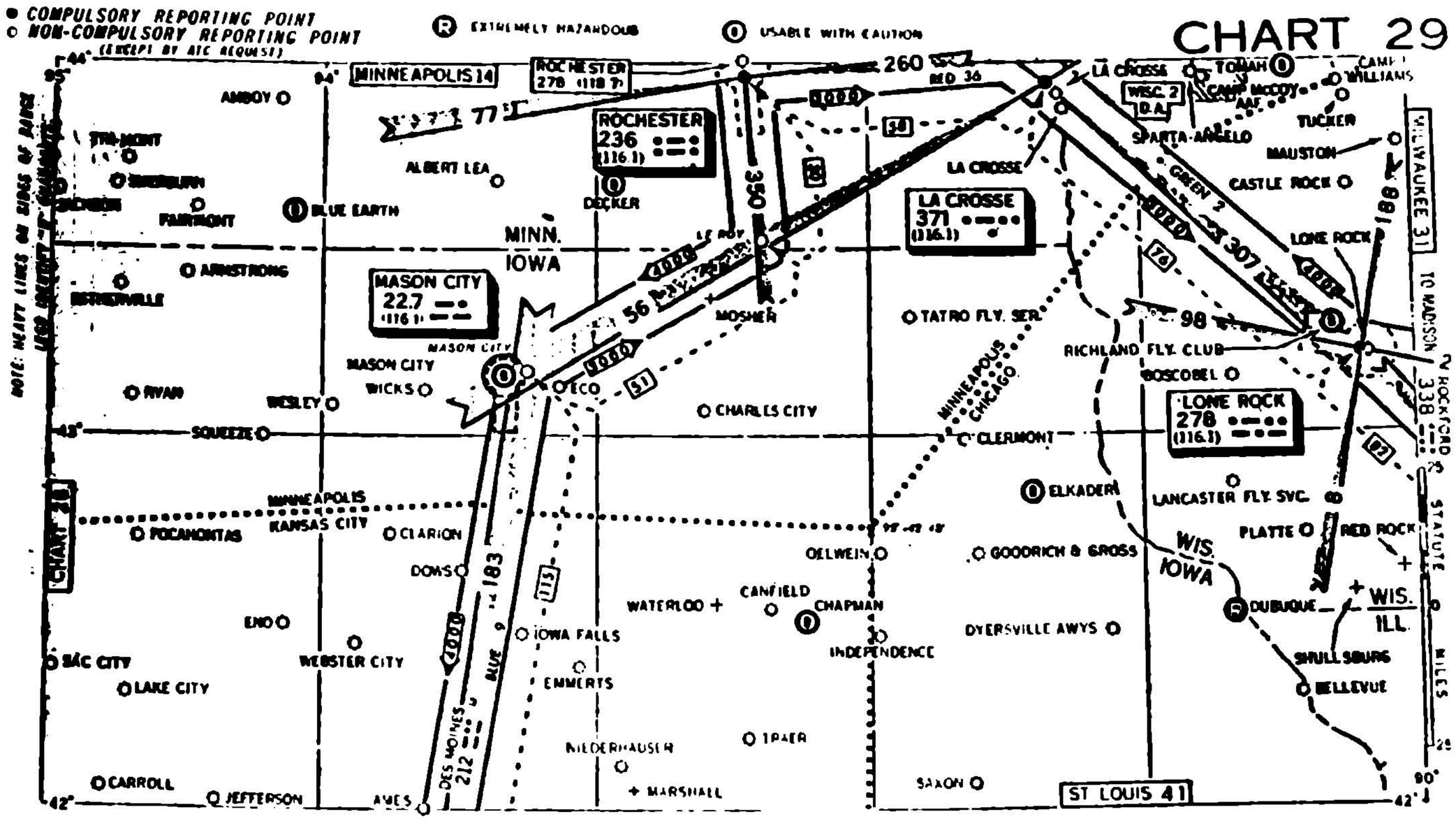
R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

28 CHART



FACILITY	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	20 S6	80 oct.Poles snr fld.
Atkinson (Nebr)	1.4 SW;riv NE	2109	22	Trees S.P-line E,SE, N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
Dell Rapids Mun.(S.D.)	1.5 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;riv SE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S.
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct.
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE.
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE.
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
Platte (S.D.)	1.2 NNE;RR SW	1660	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Richenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.1, 118.3)		AC	(4);126.1,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 mil acft.
(NG) [Sioux Falls Mun. (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-each maint NG
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SSW;lk NE	1300	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	26 S4	80 oct.Poles N.RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct. Low obst.
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E. in Iowa.
O'Neill (Nebr.)	0.5 N;hwy N	2100	35 S6	80 oct.N,SE,S,SW blnd.
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto.P-line S.
Hartley (Iowa)	7 SE;RR NE	1490	26	P-line SE.
Blue Mound Air Svc (LuVerne,Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
Ida Grove Flying Svc (Ida Grove,Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
Ainsworth Mun (Nebr)	7.5 WNW;RR N	2580	73h L5 S6	80,91 oct.No sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3108, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.86, 140.36 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)→← NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.



FACILITY	FREQ. IDENT ARPT. LOCATION	BEAR & DIST ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct. P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct Trees E.
Believue (Iowa)	3.1 N;riv E	652	18 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct. Flares on req
(A) Camp McCoy (Wis)(A)	2 SSW	830	30	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	800	32 S6	87 oct. P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct. P-lines S.
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	31 S6	80 oct P-line SE,NE.
→ Conrad (Iowa)	3 WNW;RR S			ABANDONED. Rwy lkd
Decker (Austin, Minn)	1.7 E;hwy N	1224	26 S6	80 oct. No sto. N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. NW,
(P) Dubuque (Iowa)	1.0 NE;riv E	602	27 S6	80,91 oct. Poles S,SE,
Dyersville Awys (Ia)	0.8 S;RR NE	940	16 S1	80 oct. Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct. P-line NW. NE. Rnwy data unver.
(P) Emmetsb (Eldora,Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct. Poles NW,SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	36 L S6	80 oct. Port rnwy lgts. Poles SE,SW.
Fairmont (Minn)	3.1 S;hwy W	1180	25 L S1	80 oct P-line W. Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1205	19 S1	Ltd 80 oct. on req
→ Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
→ Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	980	23 S2	80 oct. Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct. No sto. P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.6	SBRAZ-DTV	(4); 116.1 No flood lgts.
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct. Bet rivs.
* La Crosse Int,23A, CG-Twin Cities(Wis)	8 NNW; RR NE	667	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int,15,CG-→ Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. P-line NE

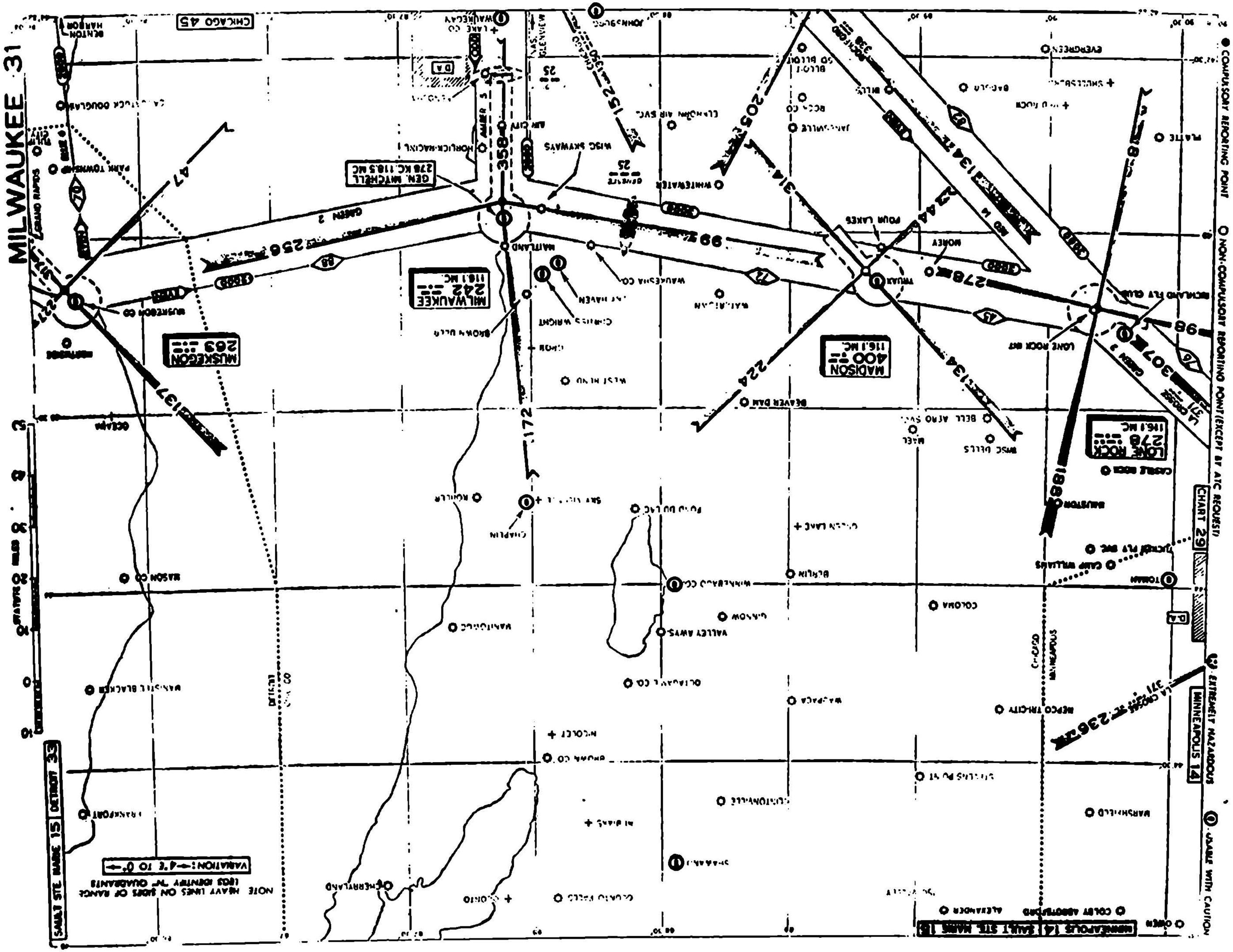
FACILITY.	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MASON CITY E Fac. (Ia)	227(NM)(116.1)		BBTV	(4);116.1,122.1(cont.)
(P) Mason City, (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct. Poles
Mosher (Riceville,Ia)	1 W;hwy S	1263		80 oct. P-line S. SEE. Data unver.
→ Niederhauser (Marshalltown, Iowa)	3.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock(Darlington)	5 SE;RR E		13 S1	80 oct. Data unver. (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E,S. Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	356°, 2.6	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,121.8
Rochester Mun (Minn)	1.7 SSE;RR W	1040	45h L4 S6	80,91 oct. P-line E,N,W
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1285	18 S2	80 oct. Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	880	26 S6	73 oct. P-line N
Sherburn (Minn)	2 WNW;RRs S,E	1300	21 S2	80 oct. Pwr line ESE.
→ Shullsburg (Wis)	1.1 S	1080	17 S6	80 oct. Trees SW.
Sparta-Angelo (Wis)	2.2 NE;RR E	860	25 S4	80 oct. Poles per 84.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct. P-line NW,W.
Tatro Fly.Svc.(Decorah)	2.6 NW;riv W	918	26 S5	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct, 180° hill E.
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RRs S,E		54h L6 S1	80,91 oct. Data unver. No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct. P-line N,S.
Wicks (Garner, Iowa)	1.5 NW;RR S	1230	26 S2	80 oct. Poles NW,SW.
Jackson (Minn)	2 N	1440	26 S2	80 oct. E-line S.
Charles City (Iowa)	3.3 E;RR S	1080	26 S2	80 oct. P-lines N,S,SW,NW.
Eco (Mason City,Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct. P-line N,NW.
Oelwein (Iowa)	3 W	1050	26 S6	80 oct. P-line N,W.
Niederhauser (Marshalltown,Iowa)	4 N;hwy E	900	32 S6	80,91 oct. No sto. P-line N,W.
Marshall Fld (Marshalltown,Ia)	3 E	890	S6	80 oct. Data unver.
→ Lancaster Flying Service (Wisc.)	1.8 SNE;RR NW	1110	24 S5	80 oct. Fallen trees SE.
→ Mauston (Femonweir,	2.5W;RR N	880	15 S1	Wisc.) 80 oct. N blkd.
→ Boscobel (Wisc.)	2 NE;RRS	670	27 S1	80 oct. Bluffs NNE,SE,NW.
→ Castle Rock (Wonewoc,	1.1 NNW;RR S	660	15 S1	80 oct. P-line N,S. Wisc)
→ Tucker Fly. Service (New Lisbon,Wisc)	0.6 NNW;riv E	880	13 S1	80 oct. Trees E.
→ Platte (Platteville,Wisc	3.1 E;RR E	1100	22 S2	80 oct. P-line NE,SW.

S-Simul. Range and Voice. W-Without Voice. S-VHF Range Station Location Marker. (3)-3105, 4486, 6210 hrs. (4)-3105, 4486, 6210, 3117.5 hrs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.86, 149.58 mcs. h-hard surfaced runways. R-radio facilities.
L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are federal and non-capitalized.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW. Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo, Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit, Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
➸ East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis) [(Warren,Ill.)]	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
➸ Evergreen Flying Club	1.4 SSE;hwy W	1000	26	PRIVATE
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW, SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	950	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
➸ Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
* Lock Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W.SW. SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	2 NNW;hwy E	928	33 S6	80 oct.S blkd.Trees NW.
➸ MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMRLZ-DT	(4)
(P) [Muskegon Co.] (Mich.)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nesco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W. Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland, Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
➸ Richland Fly. Club (Sextonville,Wisc)	0.2 NW;riv W	724	23 S2	80 oct.Pole W. Trees E,SSE.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
➸ Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	670	26 S2	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N. Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW.blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
➸ Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req. Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
➸ Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1180	30 S4	80 oct,P-line N,NW.
NEW FACILITIES				
Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto.Refinery SW.
Oceana (Rothbury, Mich)	1 2 W;hwy E		30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E
➸ Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy.
➸ Castle Rock(Wonewoc,Wisc.)	1.1 NNW;RR S	960	19 S1	80 oct,P-line N,S.Trees W.
➸ Tucker Fly. Service (New Lisbon,Wisc.)	1.6 NNW;riv E	880	13 S1	80 oct,Trees E.
➸ Platte (Platteville,Wisc.)	3.1 E;RR E	1100	22 S2	80 oct,P-line NE,SW.Trees S,SE.
➸ Coloma (Wisc.)	3,0 NW;hwy E	1065	26 S2	80 oct,N,S blkd.
➸ Berlin (Wisc.)	2.9 W;hwy S	780	20 S1	80 oct,SE blkd.P-line SW.
➸ Owen (Wis)	0.7 NE;RR,hwy S	1279	19 S1	80 oct.P-line N,NE,SW,W,NW
➸ Mauston (Lemonweir,Wisc)	2 W;RR N	880	15 S1	80 oct,N blkd.

RADIO: **S - Simul. Range and Voice. W - Without Voice.** Z - VHF Range Station **Location Marker.** (3) - 3105, 4495, 6210 kcs. (4) - 3105, **4495, 6210, 3117.5 kcs.**
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on **116.1 and 111.1 mcs. +** - Army A.C.S. transmits **on and guards 116.1, 127.65, 140.58 mcs.**
◆ **A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)**

AIRPORTS: **h - hard** surfaced runways. **L - Lighting facilities. S - Servicing (see page XIII)**
➸ **New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


MILWAUKEE 31
CHICAGO 45
MUSKEGON 203
MILWAUKEE 242
MADISON 400
LONE ROCK N78
GEN. MITCHELL
MISC SKYWAYS
MINNEAPOLIS 14
SAULT STE MARIE 15
DETROIT 33
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
CHART 29
VARIATION: 4°E TO 0°
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct.Poles N.Trees E,S,W
→ Aviation Co.Club(Galesburg)	1,8 WSW;lake S	800	19 S1	80 oct.Trees NE,NW.(Mich)
Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct. Poles NW,N.S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S4	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	73 oct. No sto.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
→ Dalton (Flushing, Mich)	2.2 E;riv 0.8 SW	735	26 S4	80 oct.N,S appchs blkd.
→ DETROIT H Fac (Mich)	338(D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
FLINT H Fac. (Mich)	335(FN)(116.1)		MHTV	(3); 116.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto.P-lines S, N.
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req Poles SE,NE.
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough
Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct. P-line N.Trees sur fld.
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
→ Ionia (Mich)	3 S;hwy W	810	24 S6	80 oct. Poles W
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req (Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bed W	936	62h L5 S6	80-100 oct.Lgts on req
(P) [Kent Co.] (Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld.Rdo
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW. reps.
LANSING Range (Capital City)	206(LJ)(116.1)	280°,3.0	SBMRAZ-DTV	(4);116.1 (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoe,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
→ Maple Rapids (Mich)	0,7 ESE;riv N	760	21 S2	80 oct.Obst sur fld,Ctn soft.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80 oct.E,SE,SW,W,NW blkd.
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMRLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct.No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv E		26 S3	80 oct. Data unver.
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80,91 oct,P-line SE,S.Lgts on req.
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct. Poles S,SE,SW Lgts on req. Trees NW,NE
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18.
SELFRIDGE Tower (Mich)	396 (126.18)+		CA (ILS-W)	(3) only.
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct.IP-1.Poles E FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct. (Mich)
(P) Tri-City (Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct. ONLY"
White Cloud (Mich)	0.5 N	872	18	Twr SE.P-lines NE,SW
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

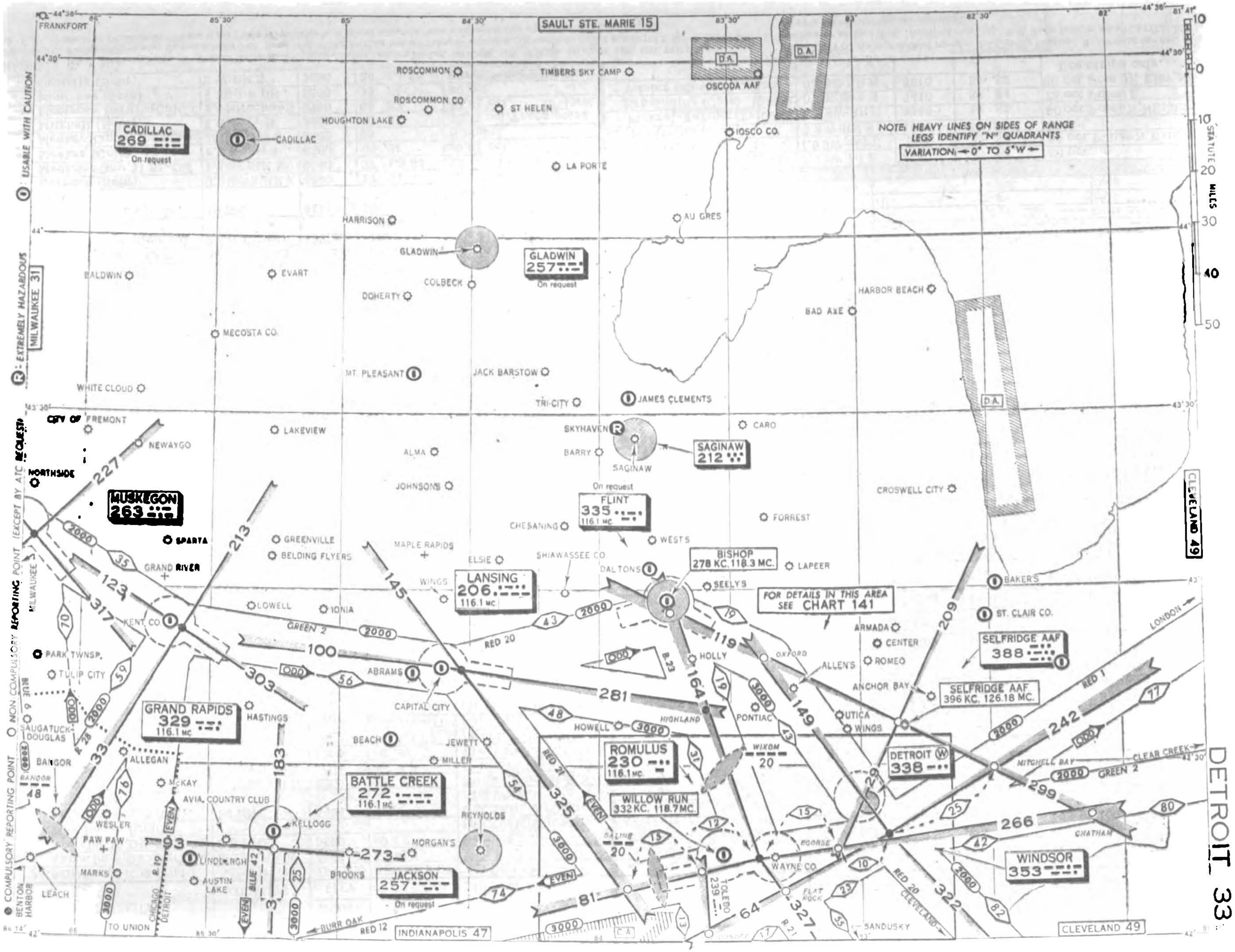
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ••••• (0.83)	OM- — — (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK- 341 ▬ (0.65)	OMK- 359 •▬▬ (5.80)

NEW FACILITIES

→ Utica (Mich)	2.7 WNW;hwy S	710	20 S1	Ltd 80 oct.P-line NW,SE.Soft
→ Romeo (Mich)	2 ESE;lake E	730	30 S1	80 oct.N blkd.Poles W.RR N,W
(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main NG. ARPT OF ENTRY
Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct P-line E,S NW
City of Fremont (Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW Trees SW NE,SE
Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
→ Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
McKay(Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
Morgan's(Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE,
Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd S,SW P-line N. Tree W
Tawas City (Mich)	1WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
WINDSOR Range (Ont.Can.)	353(QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5
WILLOW RUN Tower (Mich)	332(118.7)		C(ILS-W)	(4);118.7
→ Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S. Hwy W
→ Wings (St.Johns,Mich)	2.7 SW;RR N	760	21 S1	80 oct.Trees SE,NE.

RADIO: S - Simul. Range and Voice: W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4795 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
ROSCOMMON
TIMBERS SKY CAMP
OSCODA AAF
D.A.
ROSCOMMON CO.
ST HELEN
HOUGHTON LAKE
CADILLAC
CADILLAC 269 On request
IOSCO CO.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W
LA PORTE
HARRISON
AU GRES
GLADWIN
GLADWIN 257 On request
BALDWIN
EVART
COLBECK
DOHERTY
HARBOR BEACH
BAD AXE
MECOSTA CO.
MILWAUKEE 31
MT. PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
CITY OF FREMONT
NEWAYGO
LAKEVIEW
SKYHAVEN
BARRY
SAGINAW
SAGINAW 212
CARO
ALMA
JOHNSONS
MUSKEGON 263
SPARTA
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
ELSIE
CHESANING
FLINT 335 116.1 MC On request
FORREST
WEST S
CROSWELL CITY
SHIAWASSEE CO.
BISHOP 278 KC. 118.3 MC.
DALTONS
LAPEER
GRAND RIVER
WINGS
LANSING 206 116.1 MC
SEELYS
FOR DETAILS IN THIS AREA SEE CHART 141
BAKER'S
LOWELL
IONIA
KENT CO.
GREEN 2
RED 20
ARMADA
ST. CLAIR CO.
CENTER
SELFRIDGE AAF 388
PARK TWNSP.
TULIP CITY
ABRAMS
HOLLY
OXFORD
ALLEN'S
ROMEO
ANCHOR BAY
SELFRIDGE AAF 396 KC. 126.18 MC.
CAPITAL CITY
GRAND RAPIDS 329 116.1 MC
HASTINGS
HIGHLAND
PONTIAC
UTICA
WINGS
HOWELL
SAUGATUCK-DOUGLAS
BEACH
JEWETT
MILLER
ROMULUS 230 116.1 MC
WIXOM
DETROIT W 338
MITCHELL BAY
CLEAR CREEK
BANGOR
ALLEGAN
BATTLE CREEK 272 116.1 MC
McKAY
AVIA. COUNTRY CLUB
KELLOGG
REYNOLDS
WILLOW RUN 332 KC. 118.7 MC.
WESLER
PAW PAW
MORGAN'S
LINDBERGH
WAYNE CO.
FOGGSE
CHATHAM
WINDSOR 353
MARKS
AUSTIN LAKE
BROOKS
JACKSON 257 On request
LEACH
BENTON HARBOR
TOLEDO 239
FLAT ROCK
SANDUSKY
TO UNION
BURR OAK
INDIANAPOLIS 47
CLEVELAND 49
DETROIT 33
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
SATULITE MILES
10
0
10
20
30
40
50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles E.
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W;RR S	4160	38 S2	73 oct. P-line N,NE,SE,
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W,S,NW
CHEYENNE Range (Wyo)	326(CX)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army.80,100 oct,2-ech maint NG.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	Poles W.
(P) Craig (Colo)	1.8 SE;riv N	6300	51 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV.Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	42 S6	80 oct. P-line NE,N.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	38	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947
Flagler (Colo)	0.8 S;hwy N	4975	40 S4	80 oct. P-line E,NE,SE.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	35 L1 S6	73,80,91 oct. (Colo.)
Fremont Co.(Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct.Rnwy data unver.
General Brees (Laramie)	4 W;riv SE	7270	63h L5 S6	73,91,100 oct. (Wyo)
Glenwood Sprgs.(Colo)	2 S	5900	31 S4	73 oct.
Granby (Colo)	1 ENE;hwy S	8200	39 S2	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	37 S4	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;hwy S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630	21 S4	80 oct. P-line W. Data
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. unver.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4);116.1,122.1 (Colo)
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD.Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct.Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	36 S1	80,91 oct.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees,poles
Montrose (new) (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct.
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40 S2	Caution.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct. P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(3);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91,100 oct. E blkd.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR 1 S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi.S.
Roderick (Lindon,Colo)	4.3 N;riv.5 E	4900	26 S1	73 oct. Emerg only.
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	91 oct. Do not land N or S. P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S4	80 oct. Trees W,E.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct. P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range (Nebr	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
★ Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
★ Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo) [Stapleton](Denver,Colo)	278 (126.18, 118.7) 5 ENE;RR N	5320	AC (ILS) 70h L6 S6	(4);122.5,126.18,118.7 80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV.P-line S,SE.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W.
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;hwy E	3400	36 S2	80 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	52 S6	73,80 oct. Rough
Yuma (Colo)	1.4 SSE;hwy W	4150	34 S6	80 oct. P-line S,SE,SW,NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3	335	206°	IM-	MM-•-•-(0.65)	OM- – –(4.19)
				MMK- 335 ••• —	OMK-359 — ••	
				IM-	MM-	OM-
					MMK-	OMK-

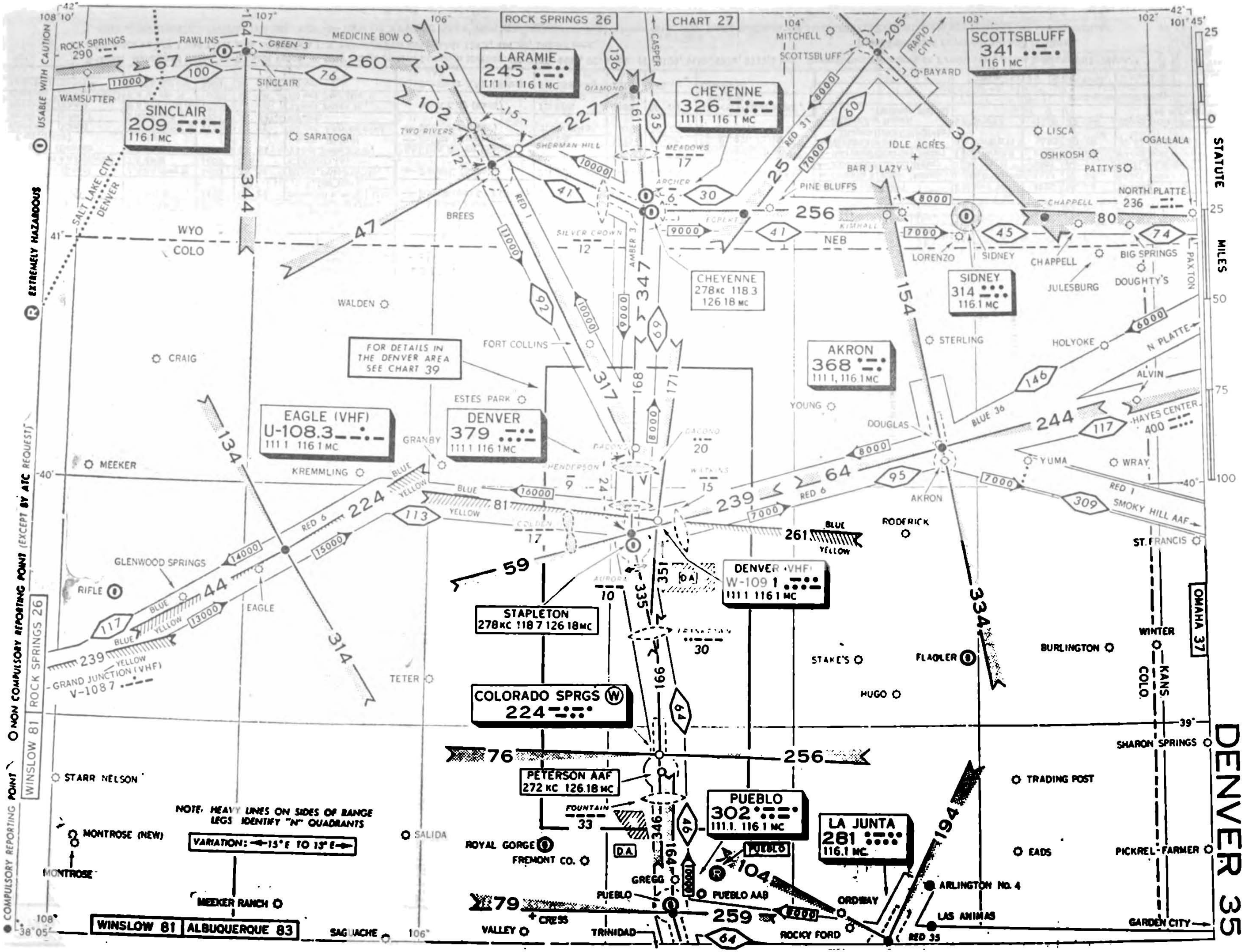
NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O'Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct. P-line N. Data unver.
(P) Sterling (Colo.)	2.8 W;RR S	4020	34 S6	80 oct.
Pickrel-Farmer(Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct. Poles N,NE;bldgs
Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct. Poles E E
Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct. Pole NE. Elev. NW

Use strips only.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ **A.A.C.S.** Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ROCK SPRINGS 26
CHART 27
DENVER 35
STATUTE MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
ROCK SPRINGS 290
RAWLINS
WAMSUTTER
SINCLAIR 209 116.1 MC
SINCLAIR
SARATOGA
MEDICINE BOW
LARAMIE 245 111.1 116.1 MC
GREEN 3
TWO RIVERS
SHERMAN HILL
DIAMOND
CASPER
CHEYENNE 326 111.1 116.1 MC
MEADOWS
ARCHER
BREES
RED 1
SILVER CROWN
AMBER 3
CHEYENNE 278 KC 118.3 126.18 MC
WYO
COLO
NEB
SALT LAKE CITY
DENVER
WALDEN
CRAIG
FOR DETAILS IN THE DENVER AREA SEE CHART 39
FORT COLLINS
ESTES PARK
GRANBY
EAGLE (VHF) U-108.3 111.1 116.1 MC
DENVER 379 111.1 116.1 MC
KREMMLING
MEEKER
BLUE
YELLOW
RED 6
GLENWOOD SPRINGS
RIFLE
EAGLE
GRAND JUNCTION (VHF) V-1087
TETER
WINSLOW 81
ROCK SPRINGS 26
STAPLETON 278 KC 118.7 126.18 MC
COLORADO SPRGS 224
PETERSON AAF 272 KC 126.18 MC
FOUNTAIN
ROYAL GORGE
FREMONT CO.
D.A.
PUEBLO 302 111.1 116.1 MC
PUEBLO
PUEBLO AAB
GREGG
CRESS
VALLEY
TRINIDAD
SALIDA
SAGUACHE
STARR NELSON
MONTROSE (NEW)
MONTROSE
MEEKER RANCH
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15° E TO 13° E
WINSLOW 81 ALBUQUERQUE 83
MITCHELL
SCOTTSBLUFF
SCOTTSBLUFF 341 116.1 MC
RAPID CITY
BAYARD
LISCA
OSHKOSH
PATTY'S
OGALLALA
IDLE ACRES
BAR J LAZY V
PINE BLUFFS
NORTH PLATTE 236
CHAPPELL
LORENZO
SIDNEY
SIDNEY 314 116.1 MC
JULESBURG
BIG SPRINGS
DOUGHTY'S
PAXTON
AKRON 368 111.1, 116.1 MC
STERLING
HOLYOKE
N PLATTE
ALVIN
YOUNG
DOUGLAS
HAYES CENTER 400
YUMA
WRAY
AKRON
RODERICK
BLUE
YELLOW
ST. FRANCIS
SMOKY HILL AAF
DENVER VHF W-109 111.1 116.1 MC
BURLINGTON
WINTER
KANS.
COLO.
OMAHA 37
STAKES
FLAGLER
HUGO
SHARON SPRINGS
TRADING POST
LA JUNTA 281 116.1 MC
EADS
PICKREL-FARMER
ARLINGTON NO. 4
ORDWAY
LAS ANIMAS
ROCKY FORD
GARDEN CITY
RED 35

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
→ Atwood (Kans)	2 N;hwy S	2900	26 S6	80 oct. Soft when wet.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs S,SW; poles S, Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
→ Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr)(A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S, NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct. P-lines N.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW, W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE, SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S6	80,91 oct Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data unver
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE, N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E, NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W, NW, S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE, E, SE,
Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. SW, Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)	— —			DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1843	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N, W.
(A) Harvard AAF (Nebr)(A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N, S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S, W. NE, SW, W, NW.
→ Hawks (Bruning, Neb)	3.8 ESE;rd N	1544	29 S4	80 oct. N blkd. Poles
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
→ Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts 6:1, SW 10:1.
Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N, NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	25 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr)(A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; p-line E.
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
→ Larned Mun. (Kans)	1.6 NNE;RR SE	2012	33 S6	80,91 oct. Use strips.
LEBO Range (Int.) (Kans)	311(LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW	2325	29 S2	creek NE 80 oct.
Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE, E, SE.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG)(Lincoln)(Nebr)	5.5 NW;RR NE	1190	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG
→ Lyons (Kans)	1.3 W;hwy N	1950	28 S6	73 oct. P-line NW, N, NE
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
→ Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley)(Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy
(A) McCook AAF (Nebr)(A)	9 NNW;hwy E	2784	75h	CLOSED. S.
McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
→ Moundridge (Kans)	2.2 WNW	1485	17 S2	80 oct. Poles SW, W, RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S6	80 oct. P-line SE. 8 NE
NORTH PLATTE Range (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE, NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data unver.
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; lk W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1.8 NW, RR, hwy E	2000	31 S4	80 oct. Use strips.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278		C	(4)
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE, NW, NE
→ Republican City (Nebr)	See Waldo Air Svc under "New Facilities" - name changed.			
→ Russell (Kans)	2.7 ESE;hwy N	1860	32 S6	73,80,91 oct. Poles N, NE, S, SW.
SALINA Range (Kans)				DECOMMISSIONED.
→ Salina (Kans)	2.5 SE	1275	26 S6	80, 91 oct. P-line NW.
→ Schuyler (Nebr)	2.8 W;RR S	1380	20 S4	80 oct. NE, SW blkd.
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N, NE, NW, SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N, S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.05	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N, NW.
TARKIO H Fac. (Mo)	281(TK)(116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
→ TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED
(A) Walker AAF (Hays, Kans)(A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE, SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRAND ISL. AAF (A)				DECOMMISSIONED
OMAHA	110.3	335	135°	IM- — — — (0.78) OM- — — (4.90)
				MM- 201 •••• OMK- 219 — — —
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19) MM- •••••• (0.89) OM- — — (4.20)
				MMK- OMK-
				IM- MM- OM-
				MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blkd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr.)	2.5 NE	1180	25	Poles S.
Oakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.
Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.
Burdett Fly. Club (Kans)	1 SW;RR N	2140	20 S1	80 oct. Poles E, S. Use strips
Concordia (Kans)	1.7 S;hwy W	1510	20 L S6	80 oct. Flood, port rnwy lgts
Downs Mun. (Kans)	0.4 SSW;riv S	1500	22 S2	80 oct. N, NW blkd. Pole W
Ellsworth (Kans)	1 N;twr 0.8 S	1630	26 S6	80 oct. FEE. P-lines NE
Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S, N
Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S, W
Marysville (Kans)	1.3 ENE	1240	26 S2	80 oct. P-lines N, S
Nessco (Ness City, Kans)	1.6 ESE;RR 0.6 N	2240	26 S2	80 oct. E/W rnwy unsafe
Ness Fly. Club (Ness City, Kans)	1 ESE;RR N	2245	23 S2	80 oct. Poles N, S when wet
Oakley (Kans)	0.6 SSW;RR N	3050	25 S2	80 oct. P-lines SE, S, NW, N
Ritter (Jct. City, Kans)	3.7 W;hwy N	1280	18 S2	80 oct. Poles NE, N. Use stps
Sterling Air Svc. (Kans)	1.2 SSW;lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs
Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE
→ Superior (Nebr)	2 N;hwy W	1735	26 S2	80 oct.
→ Geneva Fly. Svc. (Nebr)	1.2 SSW;RR NW	1633	26 S4	80 oct. Poles E. Soft-wet
→ Roush (Grand Isl. Nebr)	2 SSE;riv N	1841	32 S4	80, 91 oct. E blkd.
→ Harmon (Kearney, Nebr)	1.3 NNW;lk S	2240	17 S4	80 oct. Soft when wet.
→ Waldo Air Svc (Republican City, Nebr)	0.5 WNW;riv S	1980	30 S6	80, 91 oct. N end soft.
→ Heller Air Ranch (Wisner, Nebr.)	5 SSW;rd S	1550	22 S4	80 oct. Poles SE, Use strips only.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted (Consol Aviation Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

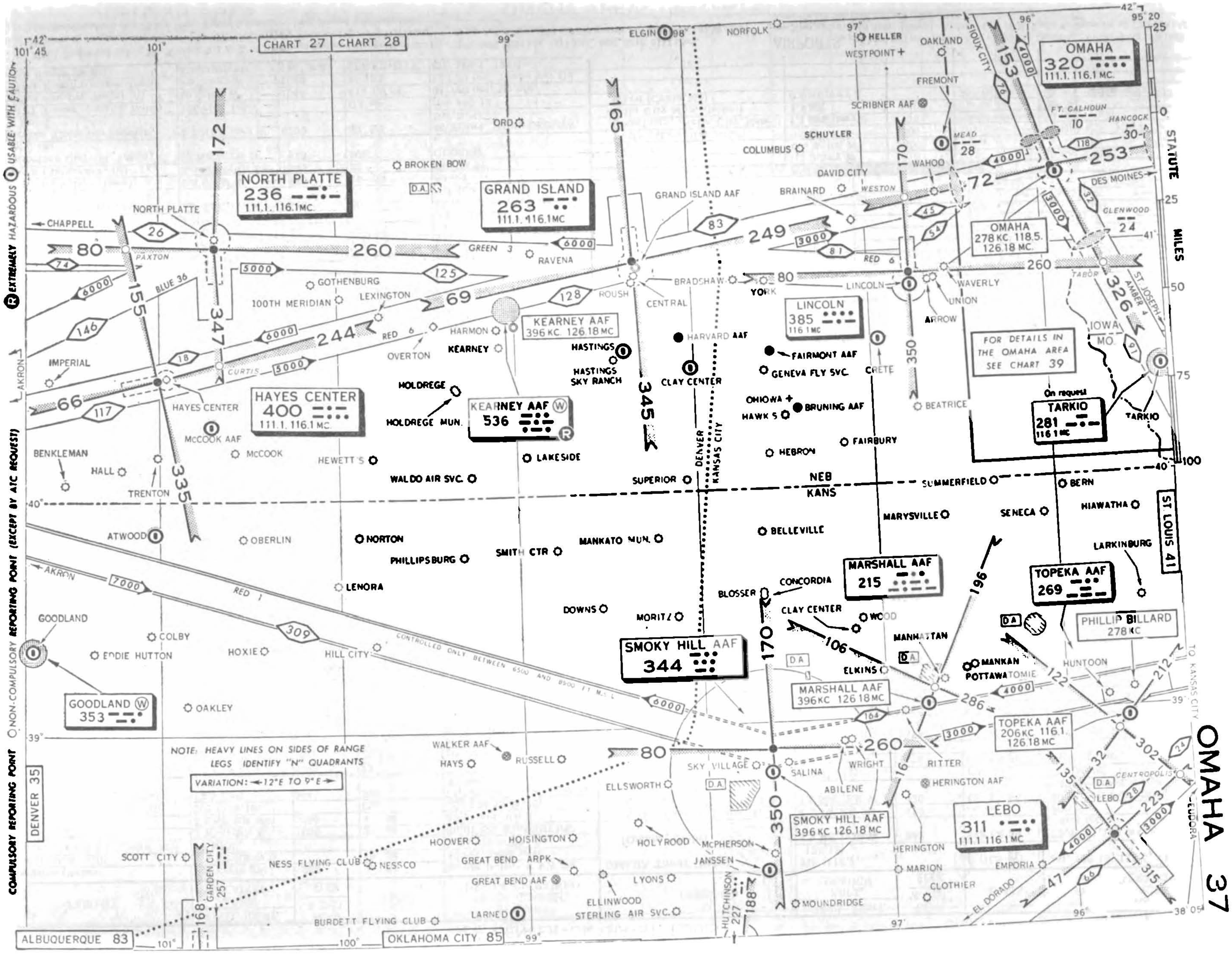


CHART 27
CHART 28
NORTH PLATTE
236
111.1. 116.1MC.
GRAND ISLAND
263
111.1. 116.1MC
OMAHA
320
111.1. 116.1 MC.
OMAHA
278 KC. 118.5.
126.18 MC.
LINCOLN
385
116.1 MC
KEARNEY AAF
396 KC. 126.18 MC
HAYES CENTER
400
111.1. 116.1 MC.
KEARNEY AAF
536
SMOKY HILL AAF
344
MARSHALL AAF
215
TOPEKA AAF
269
LEBO
311
111.1 116.1 MC
TARKIO
281
116.1 MC
GOODLAND
353
MARSHALL AAF
396 KC 126.18 MC
TOPEKA AAF
206 KC 116.1
126.18 MC
SMOKY HILL AAF
396 KC 126.18 MC
FOR DETAILS IN THE OMAHA AREA SEE CHART 39
On request
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E
EXTREMELY HAZARDOUS USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.
DENVER 35
OMAHA 37
ALBUQUERQUE 83
OKLAHOMA CITY 85
STATUTE MILES
NEB
KANS
DENVER
KANSAS CITY
TO KANSAS CITY
ST LOUIS 41
CHAPPELL
NORTH PLATTE
PAXTON
BROKEN BOW
ORD
GOTHENBURG
100TH MERIDIAN
LEXINGTON
GREEN 3
RAVENA
GRAND ISLAND AAF
ELGIN
NORFOLK
HELLER
WESTPOINT
OAKLAND
FREMONT
SCRIBNER AAF
SCHUYLER
COLUMBUS
DAVID CITY
BRAINARD
WESTON
WAHOO
MEAD
SIOUX CITY
FT. CALHOUN
HANCOCK
DES MOINES
GLENWOOD
TABOR
ST. JOSEPH
AMBER 4
IOWA
MO
BRADSHAW
YORK
CENTRAL
ROUSH
RED 6
HARMON
KEARNEY
OVERTON
HASTINGS
HASTINGS SKY RANCH
HARVARD AAF
CLAY CENTER
FAIRMONT AAF
GENEVA FLY SVC.
CRETE
WAVERLY
UNION
ARROW
BEATRICE
IMPERIAL
AKRON
CURTIS
HOLDREGE
HOLDREGE MUN.
OHIOWA
HAWK 5
BRUNING AAF
FAIRBURY
HEBRON
McCOOK AAF
McCOOK
BENKLEMAN
HALL
TRENTON
HEWETT'S
LAKESIDE
WALDO AIR SVC.
SUPERIOR
SUMMERFIELD
BERN
HIAWATHA
LARKINBURG
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR
MANKATO MUN.
LENORA
DOWNS
MORITZ
BLOSSER
CONCORDIA
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
MARYSVILLE
SENECA
BELLEVILLE
GOODLAND
COLBY
EDDIE HUTTON
HOXIE
HILL CITY
OAKLEY
WALKER AAF
HAYS
RUSSELL
ELLSWORTH
SKY VILLAGE
SALINA
ABILENE
WRIGHT
RITTER
HERINGTON AAF
HERINGTON
MARION
CLOTHIER
EMPORIA
EL DORADO
CENTROPOLIS
LEBO
SCOTT CITY
NESS FLYING CLUB
NESSCO
GARDEN CITY
HOOVER
HOISINGTON
GREAT BEND ARPK
GREAT BEND AAF
LYONS
ELLINWOOD
STERLING AIR SVC.
LARNED
BURDETT FLYING CLUB
HOLYROOD
McPHERSON
JANSSEN
HUTCHINSON
MOUNDRIDGE
PHILLIPSBURG
BILLARD
278 KC
LINCOLN
OMAHA
MARSHALL AAF
TOPEKA AAF
SMOKY HILL AAF
LEBO
TARKIO
HERINGTON
MARION
CLOTHIER
EMPORIA
EL DORADO
MOUNDRIDGE
HUTCHINSON
ELLINWOOD
STERLING AIR SVC.
LARNED
BURDETT FLYING CLUB
SCOTT CITY
NESS FLYING CLUB
NESSCO
GARDEN CITY
HOOVER
HOISINGTON
GREAT BEND ARPK
GREAT BEND AAF
LYONS
HOLYROOD
McPHERSON
JANSSEN
ELLSWORTH
SKY VILLAGE
SALINA
ABILENE
WRIGHT
RITTER
HERINGTON AAF
WALKER AAF
HAYS
RUSSELL
GOODLAND
COLBY
EDDIE HUTTON
HOXIE
HILL CITY
OAKLEY
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR
MANKATO MUN.
LENORA
DOWNS
MORITZ
BLOSSER
CONCORDIA
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
MARYSVILLE
SENECA
BELLEVILLE
LARKINBURG
HIAWATHA
BERN
SUMMERFIELD
SUPERIOR
NEB
KANS
DENVER
KANSAS CITY
TO KANSAS CITY
ST LOUIS 41
CHAPPELL
NORTH PLATTE
PAXTON
BROKEN BOW
ORD
GOTHENBURG
100TH MERIDIAN
LEXINGTON
GREEN 3
RAVENA
GRAND ISLAND AAF
ELGIN
NORFOLK
HELLER
WESTPOINT
OAKLAND
FREMONT
SCRIBNER AAF
SCHUYLER
COLUMBUS
DAVID CITY
BRAINARD
WESTON
WAHOO
MEAD
SIOUX CITY
FT. CALHOUN
HANCOCK
DES MOINES
GLENWOOD
TABOR
ST. JOSEPH
AMBER 4
IOWA
MO
BRADSHAW
YORK
CENTRAL
ROUSH
RED 6
HARMON
KEARNEY
OVERTON
HASTINGS
HASTINGS SKY RANCH
HARVARD AAF
CLAY CENTER
FAIRMONT AAF
GENEVA FLY SVC.
CRETE
WAVERLY
UNION
ARROW
BEATRICE
IMPERIAL
AKRON
CURTIS
HOLDREGE
HOLDREGE MUN.
OHIOWA
HAWK 5
BRUNING AAF
FAIRBURY
HEBRON
McCOOK AAF
McCOOK
BENKLEMAN
HALL
TRENTON
HEWETT'S
LAKESIDE
WALDO AIR SVC.
SUPERIOR
SUMMERFIELD
BERN
HIAWATHA
LARKINBURG
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR
MANKATO MUN.
LENORA
DOWNS
MORITZ
BLOSSER
CONCORDIA
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
MARYSVILLE
SENECA
BELLEVILLE
GOODLAND
COLBY
EDDIE HUTTON
HOXIE
HILL CITY
OAKLEY
WALKER AAF
HAYS
RUSSELL
ELLSWORTH
SKY VILLAGE
SALINA
ABILENE
WRIGHT
RITTER
HERINGTON AAF
HERINGTON
MARION
CLOTHIER
EMPORIA
EL DORADO
CENTROPOLIS
LEBO
SCOTT CITY
NESS FLYING CLUB
NESSCO
GARDEN CITY
HOOVER
HOISINGTON
GREAT BEND ARPK
GREAT BEND AAF
LYONS
HOLYROOD
McPHERSON
JANSSEN
HUTCHINSON
MOUNDRIDGE
ELLINWOOD
STERLING AIR SVC.
LARNED
BURDETT FLYING CLUB
PHILLIPSBURG
BILLARD
278 KC
LINCOLN
OMAHA
MARSHALL AAF
TOPEKA AAF
SMOKY HILL AAF
LEBO
TARKIO
HERINGTON
MARION
CLOTHIER
EMPORIA
EL DORADO
MOUNDRIDGE
HUTCHINSON
ELLINWOOD
STERLING AIR SVC.
LARNED
BURDETT FLYING CLUB
SCOTT CITY
NESS FLYING CLUB
NESSCO
GARDEN CITY
HOOVER
HOISINGTON
GREAT BEND ARPK
GREAT BEND AAF
LYONS
HOLYROOD
McPHERSON
JANSSEN
ELLSWORTH
SKY VILLAGE
SALINA
ABILENE
WRIGHT
RITTER
HERINGTON AAF
WALKER AAF
HAYS
RUSSELL
GOODLAND
COLBY
EDDIE HUTTON
HOXIE
HILL CITY
OAKLEY
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR
MANKATO MUN.
LENORA
DOWNS
MORITZ
BLOSSER
CONCORDIA
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN
POTTAWATOMIE
HUNTOON
MARYSVILLE
SENECA
BELLEVILLE
LARKINBURG
HIAWATHA
BERN
SUMMERFIELD
SUPERIOR
NEB
KANS
DENVER
KANSAS CITY
TO KANSAS CITY
ST LOUIS 41

DENVER-OMAHA-ST. LOUIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct.P-line N,NW,NE.
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver.
Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct.Windmill NW.
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S6	80,91 oct. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73,100 oct,1-ech maint NG. To be taken over by Navy.
Calhan (Colo)	0.6 ESE;hwy N	6500	22	
Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy 1 W	612	26 L3 S1	80 oct,P-line NE,NW.
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct. P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct. P-line N,S.
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct. Bldgs SW.
Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34 S6	73,91 oct.
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S.
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE.
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct. Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW.
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel. P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E.
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W.
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E.PRIVATE
Hi ghland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct. Port lgts on rep. SE blocked
LAMBERT-ST. LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC (ILS-W)	(4); 126.18, 122.5, 118.3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;hwy,5 S	5030	44 S6	80,91 oct. Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA ✱:00.20	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct. JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,S,SW, NW,N,NE.
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr.)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr.)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L4	NW blk.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct. Port rnwy lgts. 1700' paved rnwys.
PETERSON Tower(Colo)	272(126.18)		CA	(4);126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;bet RR,hwy	6575	42 S6	80,91 oct. P-line NE,E,SE, W,NW.
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct. P-line NE,SW, E,W blocked.Rnwy data unver. Bet RR & hwy.
Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	80,91 oct.Poles sur fld.
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct.Poles E,N,NE,SE.
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct.JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct. Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°, 6.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips.
SPRINGFIELD,Ill.(Range)	239(ZT)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;riv.3 N	615	24 S2	80 oct.Trees ESE,SE,WNW.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E	1260	22 S1	80 oct. N blk.
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S6	80 oct. P-line SW,trees S.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAMBERT	110.3		238°	IM-		MM- ·-·-· (0.64)	OM- — — (3.98)
						MMK- 201 ···	OMK-
OMAHA	110.3	335	135°	IM-		MM- ·-·-· (0.78)	OM- — — (4.90)
						MMK- 201 ····	OMK- 219 — — —
STAPLETON	110.3	335	206°	IM-		MM- ·-·-· (0.65)	OM- — — (4.19)
						MMK-335 ···—	OMK- 359 —··

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct.S blkd.
Lisco (Nebr)	0.5 W;RR N	3800	26	
Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E	1150	28 S2	80 oct.
Falls City Mun. (Nebr.)	1.8 NE	980	29 S2	80 oct.
Ward (Craig,Mo)	0.6 NE;hwy S		25 S4	80 oct. P-line ESE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 118.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.58 mcs. ✱ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —► New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

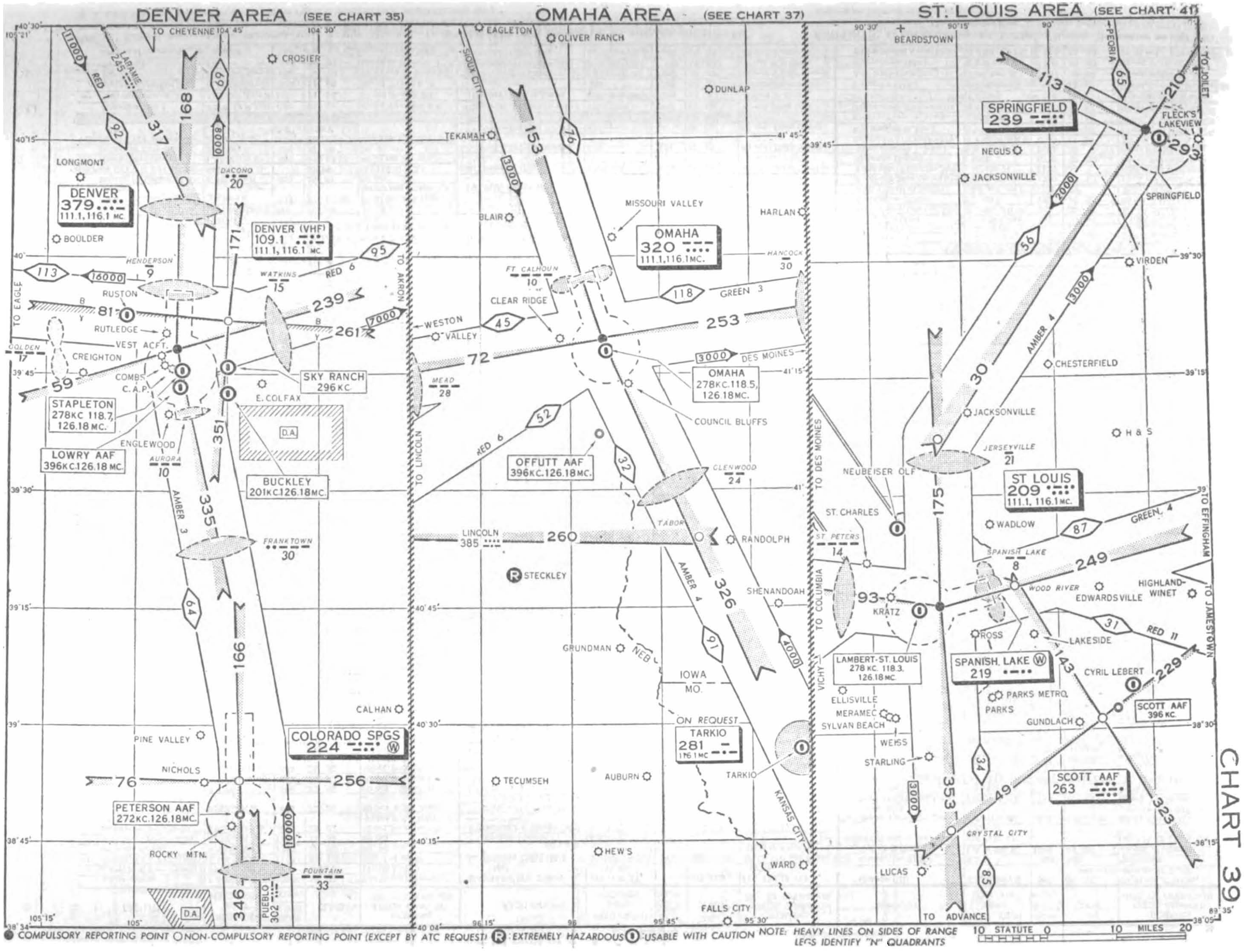

DENVER AREA (SEE CHART 35)
OMAHA AREA (SEE CHART 37)
ST. LOUIS AREA (SEE CHART 41)
DENVER 379 111.1, 116.1 MC.
DENVER (VHF) 109.1 111.1, 116.1 MC.
OMAHA 320 111.1, 116.1 MC.
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1 MC.
SKY RANCH 296 KC.
STAPLETON 278 KC 118.7, 126.18 MC.
LOWRY AAF 396 KC 126.18 MC.
BUCKLEY 201 KC 126.18 MC.
OMAHA 278 KC. 118.5, 126.18 MC.
OFFUTT AAF 396 KC. 126.18 MC.
COLORADO SPGS 224 W
PETERSON AAF 272 KC. 126.18 MC.
TARKIO 281 176.1 MC
ON REQUEST
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
SPANISH LAKE W 219
SCOTT AAF 396 KC.
SCOTT AAF 263
TO CHEYENNE
TO AKRON
TO EAGLE
TO LINCOLN
TO DES MOINES
TO JOLIET
TO EFFINGHAM
TO JAMESTOWN
TO ADVANCE
LONGMONT
BOULDER
CROSIER
DACONO
HENDERSON
WATKINS
RUSTON
RUTLEDGE
VEST ACFT.
CREIGHTON
COMBS C.A.P.
E. COLFAX
D.A.
ENGLEWOOD
AURORA
FRANKTOWN
CALHAN
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN
PUEBLO
EAGLETON
OLIVER RANCH
DUNLAP
SIOUX CITY
TEKAMAH
BLAIR
MISSOURI VALLEY
HARLAN
HANCOCK
FT. CALHOUN
CLEAR RIDGE
WESTON
VALLEY
MEAD
DES MOINES
COUNCIL BLUFFS
CLENWOOD
TABOR
LINCOLN
RANDOLPH
STECKLEY
SHENANDOAH
GRUNDMAN
NEB.
IOWA
MO.
TECUMSEH
AUBURN
HEWS
WARD
FALLS CITY
TARKIO
KANSAS CITY
BEARDSTOWN
PEORIA
NEGUS
JACKSONVILLE
SPRINGFIELD
FLECK'S LAKEVIEW
VIRDEN
CHESTERFIELD
H & S
JERSEYVILLE
NEUBEISER OLF
ST. CHARLES
ST. PETERS
WADLOW
SPANISH LAKE
WOOD RIVER
EDWARDSVILLE
HIGHLAND-WINET
ROSS
LAKESIDE
CYRIL LEBERT
PARKS METRO
PARKS
GUNDLACH
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
CRYSTAL CITY
LUCAS
KRATZ
VICHY
TO COLUMBIA
LARAMIE
RED 1
RED 6
AMBER 3
AMBER 4
GREEN 3
GREEN 4
RED 11
113
168
317
69
92
8000
171
95
239
261
7000
16000
81
59
351
335
64
166
346
76
256
10000
113
210
293
65
2000
56
30
3000
175
249
87
93
143
229
31
34
49
353
323
85
253
72
45
118
3000
52
32
260
326
4000
153
76
5000
41
17
24
28
15
9
20
30
10
33
14
8
21
153
91
0000
DA
DA
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
STATUTE 0 10 MILES 20

CHART 39

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4);116.1,122.1
→ Atlantic, 4B, CG-OH (Ia.)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE. Poles E, SE. NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct S, SW blckd.
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa) [SW, W,
Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE, E,
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S; pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* ★ Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW, NE
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80, 91 oct. Obsts.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357, 1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa
(P) [Burlington] (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E
Butler, (Mo)	2 N;RR, hwy W	870	26 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N, W, NNW
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E.
→ CEDAR RAPIDS H Fac	344(CID)		MHW	(Oper City)
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80, 91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C.A.P (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo)	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S; trees SW 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct. [rnwy lgts
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80, 91 oct, P-line N, S,
COLUMBIA Range (Mo)	379(CA)(vhf)	89°, 3.9	SBRAZ-DTV	(4);116.1, 122.1 [SW
Columbia (Mo)	2.4 NW;hwy S	777	33h L4 S6	80, 91 oct. Soft when wet
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N, E.
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80, 91, 100 oct.
→ Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80, 91 oct. P-line S, SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	341°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18, 122.5, 118.3
(A) [Des Moines] (Iowa)	4.5 SSW	950	57h L5 S4	80, 91, 100 oct. RR W.
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80, 91 oct. Appchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80, 91 oct.
Edwards (Grant City)	1.2 ENE;hwy S	920	23 S2	(Mo.) 80 oct. P-lines S
Fayette Flying Fld. (Mo.)	1.8 S;RR W	730	29 S2	80 oct. Trees W, S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct. [unver.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N. NE, S,
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	34 L S6	80, 91 oct. Port rnwy:
→ Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct. [lgts. P-line NW
Hannibal (Mo)	4.3 WNW; hwy N	735	26 L S6	80 oct. P-line W, SW. Port rnwy lgts. Rough
→ Hillsboro (Ill)	1 NE lake .5 E	625	27 S6	80 oct. P-line SE, SW,
Hi-Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. P-line S, E, NW
(P) Hunter (Cedar Rapids, Iowa)	3 S;hwy E	732	27 L3 S6	80, 91 oct. Fld lgts prior req. Poles S, E
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IC)(116.1)		BHTV	(4);116, 1.122.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80, 91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
NEW FACILITIES				
Warsaw (Mo.)	2.5 W;lk N, E, S	690	26 S4	80 oct. Trees W, S, E
→ Sharon (Fremont, Ill)	1 SE;RR, hwy N	631	21 S6	80 oct. P-line NE.
Zims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E, W
Sky Haven (Warrensb g, Mo)	3.7 WNW;hwy S	850	24 S6	80, 91 oct. P-lines SE,
→ Pana (Ill.)	2 E	706	18 S2	80 oct, P-lines N. [V SW
Sky Lake (Tuscumbia, Mo)	8 WSW	588	25 S1	80 oct. Trees NNE

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
*KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18, 118.3, 122.5.
→ [Kansas City] (Mo)	2.5 NW;riv W, S	744	52h L6 S6	80, 91, 100 oct. Poles E. Dike W. Flood lgts in
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80, 91 oct. [op
KIRKSVILLE Range (Mo)	391(KR)(116.1)	320°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
→ Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter. [NE,
Kirksville, 12, KC-CG	7 SE;hwy NE	970	39h L3 S6	(Mo.) 80, 91 oct, P-lines
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS-W)	(4):126.18, 122.5, 118.3
(NG) [Lambert-St.Louis] (N) (NAS)(St.Louis, Mo.)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 Oct...do rqrd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1163	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
→ Lexington (Mo)	3 WNW;RR NW	650	33 S6	80 oct. P-line S, W, SW
* Luray Int, 16, KC-CG	1.9 ESE;RR N	727	26 L3	(Mo) Poles N, E, W.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73, 80 oct. N, NE blckd. P-line E, SE.
→ Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	Obst sur fld.
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1.;22.1
* Marshall Int, 7, KC-LS	1.8 S;hwy W	800	39 L3 S2	80 oct. Trees E, NE, W
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct. [(Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S, W.
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	Rough
Melbourne (Iowa)	1.5 SW	1000	20 S1	80 oct. Poles N.
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E, N	590	40h L6 S6	73, 80, 91 oct.; 100 oct for Army. Poles NW
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E, W, S.
→ MONTEZUMA H Fac.				DECOMMISSIONED.
* Montezuma Int, 17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles N, SW, W,
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE/SW strip. Data unver.
Mt. Ayrport (Mt. Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80, 91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. [S, SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac. (Int.) (Mo)	246(ST)(116.1)		BHTV	(4);116.1.122.1
* New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
→ Newton (Iowa)	1.5 ENE;hwy S	950	22 S6	80 oct. Poles S
→ Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S6	80 oct. Tree S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range → (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans.)	201(142.74)		CN (GCA)	(3);142.74 (8-18)
(N) Olathe Nas (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa) (N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80, 91 oct. P-line W.
Pekin (Ill)	4 S;RR E	505	29 S6	80, 91 oct. P-lines SE,
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. [S, SW, W, NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80, 91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
NEW FACILITIES				
Excelsior Springs (Mo.)	1.6 W;hwy S	900	10 S2	80 oct. Bldg SSW
Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S
Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S
Myers-Hughs (Lucerne, Mo)	0.4 SE;RR W	905	20 S2	80 oct. S blkd. Rough
Montgomery (Kahoka, Mo)	0.4 ENE;RR S	700	19 S2	80 oct. N, S blkd.
Lincoln Fly. Svc. (Ill)	1.8 W;hwy N, E	591	20 S6	80 oct. P-line N

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80, 91 oct. E blckd. P-line SE, S, SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	25 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18, 118 7, 122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Ltd 100 oct; 2-ech maint NG. Fld lgts.
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld [prior req..
→ St. David (Ill)	1.5 SW;RR N			ABANDONED.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis) (Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116.1, 122.1
SCOTT Army Range (Belleville) (Ill)	263 (DCD)	49°, 2.3	SBMRAPZ-DT	(4)
SCOTT Tower (Ill.)	396 +		CA	(4)
(A) Scott (Belleville, Ill) (A)	7.5 ENE;RR S	447	55h L5 S5	73, 91, 100 oct IP-1
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED.
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy N1	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	89°, 7.8	FMHW	(Cont.) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
→ Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80, 91 oct. Use strips.
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80, 91 oct. E, SE blckd
* Stuart Int, 8, OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE, E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa, Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N, W, NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S4	80 oct. P-lines sur fld.
→ Virden (Ill.)	1 WSW;RR E, S	640	25 S2	80 oct. P-line N, E. Soft.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1, 122.1
(A) Vichy AAF (Mo) (A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80, 90 oct Soft when wet. Poles N, W
Warrensburg (Mo)	7.3 SSW;hwy E	860	22 S6	80 oct. Use strips only. P-lines SW, NW.
Washington (Iowa)	1.5 SSE;RR NE	789	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	106.9	333.8	173°	IM-	MM- • — • — (2.6)	OM- — — (4.65)
					MMK-221- • • •	OMK-248- • — (1.0
LAMBERT	110.3		238°	IM-	MM- • — • — (0.64	OM- — — 3.98)
					MMK 201 • • •	OMK-
MOLINE	110.3	335	131°	IM-	MM- • — • — (0.71)	OM- — — (4.4)
					MMK-	OMK-
				IM-	MM-	OM-

NEW FACILITIES				
Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blckd.
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees.
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N [E.
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N, S, NW.
Hall (Stratton, Nebr)	1 SE;RR, riv N	2850	27	Poles W, NW. Use strips.
Holdrege Mun. (new) (Neb)	2 ENE;RR, hwy S	2310	36 L1	Facs not installed but
Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet usable
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.
York (Nebr) [Ia.)	1.8 N;hwy W	1662	30	Poles SW, NW. Use stps.
Adamson Arwys (Perry,	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N.
Wyltes (Gorin, Mo.)	3 WNW;riv W	840	14 S2	80 oct. Use strips only
Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W,
Depperman (Owensville	0.7 NNW	900	28 S2	80 oct. Trees W, NW.
St. Clair (Mo.) [Mo)	1.4 ENE	750	20 S2	80 oct. E, SSE, W blkd.
Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W.
Ace High (Galt, Mo.)	3 SW;hwy N	937	29 S6	80 oct. Poles SW, N.
Carrollton (Mo.)	4.0 W;hwy W	700	20 S2	80 oct. P-lines NNE
Eldon Model Arpk (Eldon,	0.9 NE;RR SE	910	23 S2	80, 91 oct [Trees SSW

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

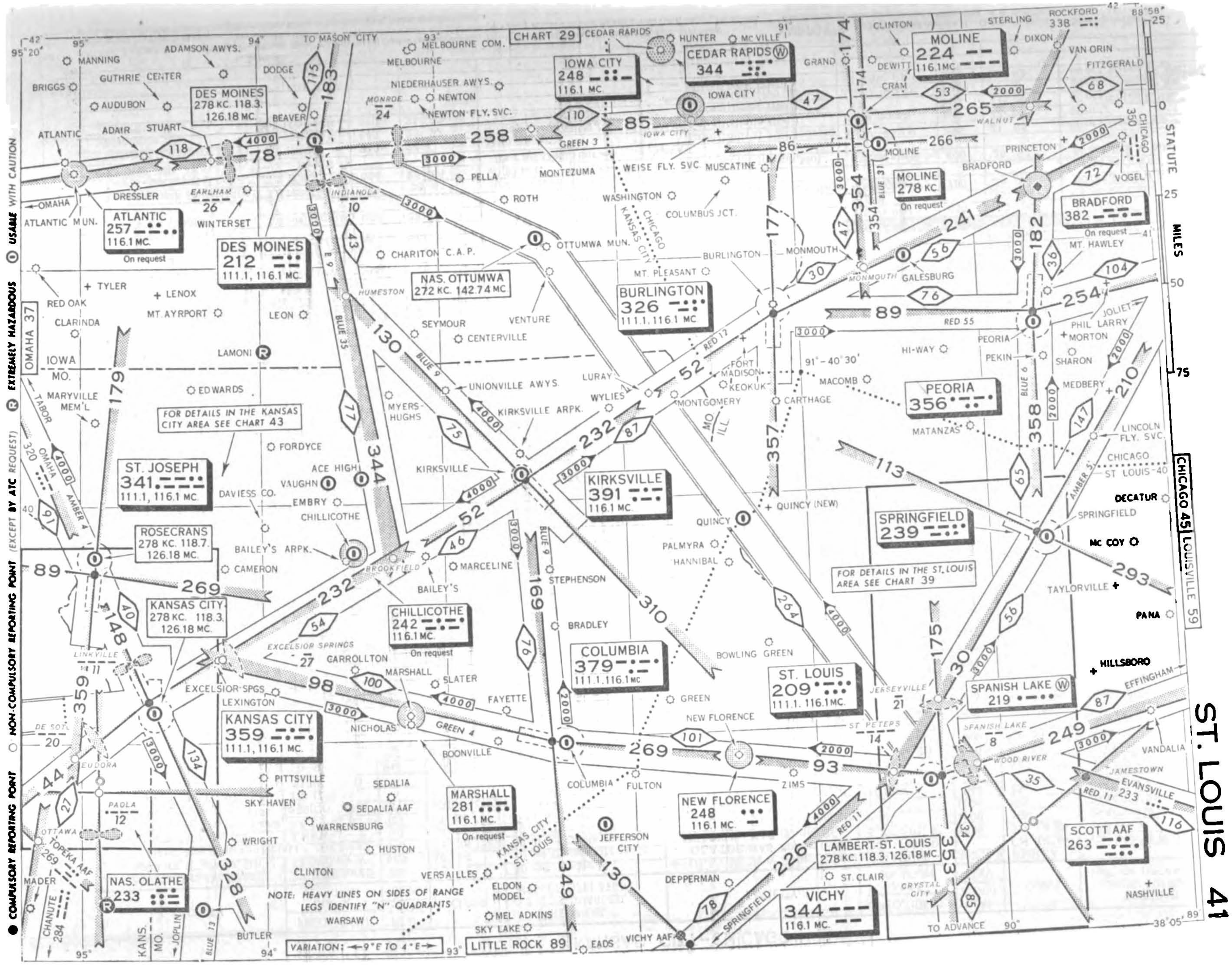


CHART 29
DES MOINES 278 KC. 118.3. 126.18 MC.
ATLANTIC 257 116.1 MC. On request
DES MOINES 212 111.1, 116.1 MC.
NAS. OTTUMWA 272 KC. 142.74 MC
IOWA CITY 248 116.1 MC
CEDAR RAPIDS 344
MOLINE 224 116.1 MC
MOLINE 278 KC On request
BRADFORD 382 On request
BURLINGTON 326 111.1, 116.1 MC
ST. JOSEPH 341 111.1, 116.1 MC.
ROSECRANS 278 KC. 118.7. 126.18 MC.
KANSAS CITY 278 KC. 118.3. 126.18 MC.
KANSAS CITY 359 111.1, 116.1 MC.
CHILLICOTHE 242 116.1 MC. On request
MARSHALL 281 116.1 MC. On request
KIRKSVILLE 391 116.1 MC.
COLUMBIA 379 111.1, 116.1 MC
NEW FLORENCE 248 116.1 MC.
PEORIA 356
SPRINGFIELD 239
ST. LOUIS 209 111.1, 116.1 MC.
SPANISH LAKE 219
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
SCOTT AAF 263
VICHY 344 116.1 MC.
NAS. OLATHE 233
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 4°E
LITTLE ROCK 89
CHICAGO 45 LOUISVILLE 59
ST. LOUIS 41
STATUTE MILES
EXTREMELY HAZARDOUS USABLE WITH CAUTION
COMPULSORY REPORTING POINT NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW; hwy N	900	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW; hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hgts)	1.5 NW; hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE; poles E, W
➝ Cedar Lake Fly. Svc (Cook, Ind)	0.5 E; hwy W	751	28 S4	80,91 oct. P-line NE, SE, SW.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV (3); 116.1	
CHICAGO Tower (Ill)	278 (126.18, 118.7, 118.1)		AC (ILS)	(4); 126.18, 118.7, 118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
Chicago-Hammond (Lansing, Ill)	1.5 S; RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(NG) Chicago-Orchard (Ill)	16 NW; RR W	657	58h L5 S6	80,91 oct. JP-1.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
Conard (Ottawa, Kans)	3.8 NNE; RR S	946	24 S6	80 oct. P-line N; hedge S
Elgin (Ill)	2.2 N; hwy W	770	24h S1	80,91 oct.
FAIRFAX Tower (Kans)	278 (126.18, 118.9)		AC	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kans. City, Kans)	3 NE; RR E	746	65h L5 S4	81,100 oct. (A)
➝ Fisher's (Edwardsv'l, Kans)	1 ESE; RR N	770	26 S6	80,91 oct. P-line N.
➝ Gardner (Kans)	1.4 WSW	1070	39	
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW; RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE; rd W	791	26	Trees W, S, E.
Hall's (Olathe, Kans)	2.6 SSE; RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW; hwy W	619	26 S6	80 oct. P-line E, line N.
HARVEY Range (Rubinkam)	385 (GH)	90°, 2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W; RR N, S	910	18 S1	73 oct. Use strips only.
Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N, SE.
Heart of America (Kans. City, Kans)	4 E; RR E	759	23 S6	80 oct. Poles, trees S. Use strips only.
Hinsdale (Ill)	3 S; hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W; hwy E	600	26 S6	80, 91 oct. strips only.
Independence (Mo)	5.8 ESE; RR S	825	24 S6	80,91 oct. Poles S. Use
JOLIET Range (Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W; riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Kane Co. (Elgin, Ill)	7 WNW; hwy E	910	21 S4	80 oct. Trees E, SE, NW
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
➝ [Kansas City] (Mo)	2.5 NW; riv W, S	744	52h L6 S6	No flood lgts. 80,91,100 oct. Poles E. Dike W. Flood lgts inop
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S; RR E	1072	55h L5 S6	80,91 oct. No flood lgts. P-line NE, SW.
Lawrence (Kans)	2.5 NNE; hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W, E, SE, NE.
Leavenworth Lecompton	3.6 WSW	1125	26 S1	80 oct. Trees N. P-line NE,
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. (Kans) SW. Twr SE. Obsts sur fld
Mitchell (Lombard, Ill)	2.8 NNW	710	24	Data unver.
Momence (Ill)	3.5 SW; riv N	645	23 S2	80 oct. Trees NW, N, NE
Moffits (Ill)	4.5 N; hwy W	590	21 S2	73 oct. Poles N, NNE.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➝ OLATHE Navy Range (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW; RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans) (N)	5 SE	1090	16h	INACT. 4 W of Stanley.
(N) Olathe OLF #4 (Kans) (N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans) (N)	16 SSW	940	23h	INACT. 4.3 W hill. of Hillsdale.
(N) Olathe OLF #9 (Kans) (N)	11 SE	1070	23h	INACT. 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE; hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N; pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int, 4, KC-MP (Mo)	1.5 NW; hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S; RR W	975	34 L S6	80 oct. Port rnwy lgts. Rnwy data unver.
Pal-Waukee (Glenview, Ill)	5.5 WNW; RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo rprs. Rnwy data unver.
Prosperi (Tinley Park, Ill)	1.7 SSW; hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW; RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW; riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW; hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E; RR E, S	760	18h	P-line N. only.
ST. JOSEPH Range (Rosecrans)	341(ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3); 126.18 (
(A) Sherman (Ft. Leavenworth)	1 NNE; RR W	771	60 L5 S4	73,91,100 oct. (Kans) (A)
Sky Harbor (Northbrook, Ill)	1.6 NW; RR E	680	26 L S6	80,91 oct. Flare pots. P-line S.
Sky Haven (Bensenville, Ill)	1.5 SE; RR W, N	650	23 S4	80,91 oct. Use strips.
➝ State Line Arpk (Stanley)	3.8 NE; hwy E	1000	22 S1	80 oct. Obst sur fld. (Kans)
Stinson (La Grange, Ill)	2 SE; hwy SE	644	25 S6	80,91 oct. P-line S, W
(P) Washington Park (Homewood, Ill)	1.5 SE; hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S; RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; p-
York Township (Lombard, Ill)	2 SSW; hwy N	726	20 S6	80 oct. Use line W strips. P-line N, E.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- (0.79)	OM- (5.8)
					MMK- 201	OMK- 219
➝ KANSAS CITY	109.9	333.8	173°	IM-	MM- (2.6)	OM- (4.65)
					MMK-221	OMK-248 (11.0)

NEW FACILITIES

Triangle (Dyer, Ind.)	1.5 NE; RR E	630	33 S4	80,91 oct.
Lakeside (Gary, Ind.)	7.5 W		35 S4	73,80 oct. Data unver.
East Atchison (Rushville)	4.5 SW; riv W	790	24 S2	80 oct. N, NNW blkd. Use strips only. (Mo)
Glenota (St. Joseph, Mo)	6 WSW; riv N	800	26 S2	80 oct. N, E, W blkd. Use strips only.
Lake Contrary (St. Joseph)	6 SW; riv 2 N	800	21 S6	80 oct. Use strips only.
➝ Lake Village (Ind.)	1 NW; hwy S	650	22 S4	80 oct.
Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E, NE.
➝ Stanley Co. Club (Kans)	2.5 NE; RR SE	1000	28 S1	80 oct. Poles SE, SW.
➝ Skyway (Gary, Ind.)	4 WSW; RR W	630	19 S2	80 oct. Wires SE, SW, NW.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (2) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4725 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➝ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

KANSAS CITY AREA

(SEE CHART 41)

TO TABOR

ROSECRANS
278 KC 118.7,126.18 MC

OSBORN

LAKE CONTRARY

GLENATA

ST. JOSEPH
341
111.1,116.1 MC

HAWK'S

E. ATCHISON

MO
KANS.

SHERMAN AAF
396 KC. 126.18 MC.

LEAVENWORTH

LINKVILLE
11

KANSAS CITY
359
111.1,116.1 MC

FAIRFAX AAF
278 KC
118.9,126.18 MC

HEART OF AMERICA

INDEPENDENCE

TO SMOKYHILL AAF

RED 1

DE SOTO
20

FISHER'S

LAWRENCE

ALLMAN

ONG

KANSAS CITY
278 KC
118.3,126.18 MC

COUNTRY CLUB

STATE LINE

EUDORA

NAS. OLATHE
201 KC 142.74 MC

HALL'S

OLATHE OLF NO. 2

KANSAS CITY-
GRANDVIEW

GARDNER

OLATHE OLF NO. 9

OLATHE OLF NO. 4

GAULT

NAS. OLATHE
233

OLATHE OLF NO. 7

HARRISONVILLE

CONARD

TOPEKA AAF
269

OTTAWA

PAOLA
12

OSAWA

TO CENTROPOLIS

TO EXCELSIOR SPRINGS

STATUTE MILES

TO JOPLIN

95°

94°45'

94°30'

39°45'

39°30'

39°15'

39°

38°45'

CHICAGO AREA

(SEE CHART 45)

GRAYSLAKE

NAS. GLENVIEW
269

ROCKFORD
338

RED 28

SKY HARBOR

PAL-WAUKEE

NAS. GLENVIEW
236 KC. 142.74 MC.

KANE CO.

ELGIN

RAVENSWOOD

EVANSTON

WOOD DALE

SKY HAVEN

WILSON

CHICAGO-ELMHURST

MITCHELL

CHICAGO - ORCHARD
396 KC. 126.18 MC.

ST. CHARLES

FRANKLIN PARK
10

YORK TOWNSHIP

BENTON HARBOR

RED 12

CHICAGO
350
116.1 MC.

ROCKFORD

RED 14

AURORA AWYS.

STINSON

CHICAGO
278 KC.
118.1,118.7,126.18 MC.

HINSDALE

HARLEM

ASHBURN

SOUTH BEND

DU PAGE

YORKVILLE

LEWIS-LOCKPORT

HOWELL

RUBINKAM

THORNTON

LAKESIDE

SKYWAY

GREEN 3

PLAINFIELD

WASHINGTON PARK

CHICAGO-HAMMOND

TRIANGLE

PROSPERI

JOLIET

ASHLAND AVE.

LANSING

GOSHEN
320

TO WALNUT

MORRIS

HARVEY (W)
385

WILL CO.

CEDAR LAKE
FLY. SVC.

CROWN POINT

JOLIET
257
116.1 MC

SPRINGFIELD

LOWELL
40

LAKE VILLAGE

MOMENCE

RENSSELAER

88°15'

88°

87°45'

87°30'

42°15'

42°

41°45'

41°30'

41°15'

41°

CHART 43

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertus (Freeport,Ill)	3.8 SE;RR S	740	26 S6	73,80 oct. RR W.
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct. P-line W.
Bellevue (Iowa)	3 N;RR W	652	10 S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1. Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118,1)		AC(ILS)	(4); 126.18,118.7,118.1 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
→ City (So.Haven,Mich)	4 S;RR W	640	35 S2	80 oct.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts.SE,SW,NW.
→ Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S6	73,80 oct,P-line N,NE.
Cork (West Lebanon, Ind)	4 W		24 S1	80 oct. Obsts NE. Data unver.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E, NE
Culver (Ind)	2 E;lake W	815	26	
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct.Appchs blkd except E, NW.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on req.
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Piatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Illini (Urbana, Ill)	2 NNE;hwy E	740	25 S6	80 oct.Floares on req. E,SE blkd.P-line SW.
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct.Flood lgts prior req after 2400.
Kankakee (Ill)	3.2 WSW; hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
→ Kentland (Ind)	4 WNW	650	25 S4	80 oct,P-line NE.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
Kiswaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	19 S6	80 oct.P-lines N, NW.
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct.Data unver.
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd.
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW. Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Machesney,7.CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	735	29 L3 S6	73,80 oct.E,S blkd.P-line SE.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blkd. P-line E,SE.
Matanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct.for Army. Poles NW.
Monticello (Chalmers. Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Morton (Groveland)	0.5 NNE;hwy N	792	24 S2	80 oct.P-line N,W.(Ill)
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
Ockley (Ind)	1 W		23	Pwrlines N,W. SW Trees E.Data unver.
Ottawa (Ill)	Adj NW		22 S2	80,91 oct.Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
Pecatonica (Ill)	1 N;hwy E	750	24 S6	73 oct. P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke Ill)	4 W	747	23 S6	80 oct. Data unver.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette. Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part. unver.
→ St. David (Ill)	1.5 SW;RR N			ABANDONED.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
→ Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80,91 oct.Use strips.
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S. Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines sur fld No sto.
Sterling (Ill)	1.4 NW; hwy E	645	25 S6	80,91 oct.E,SE blkd.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct.P-line S,SE. Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	766	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80.90 oct.Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS (*Localizer, Glide Path in mcs. Compass Locator in kcs*)

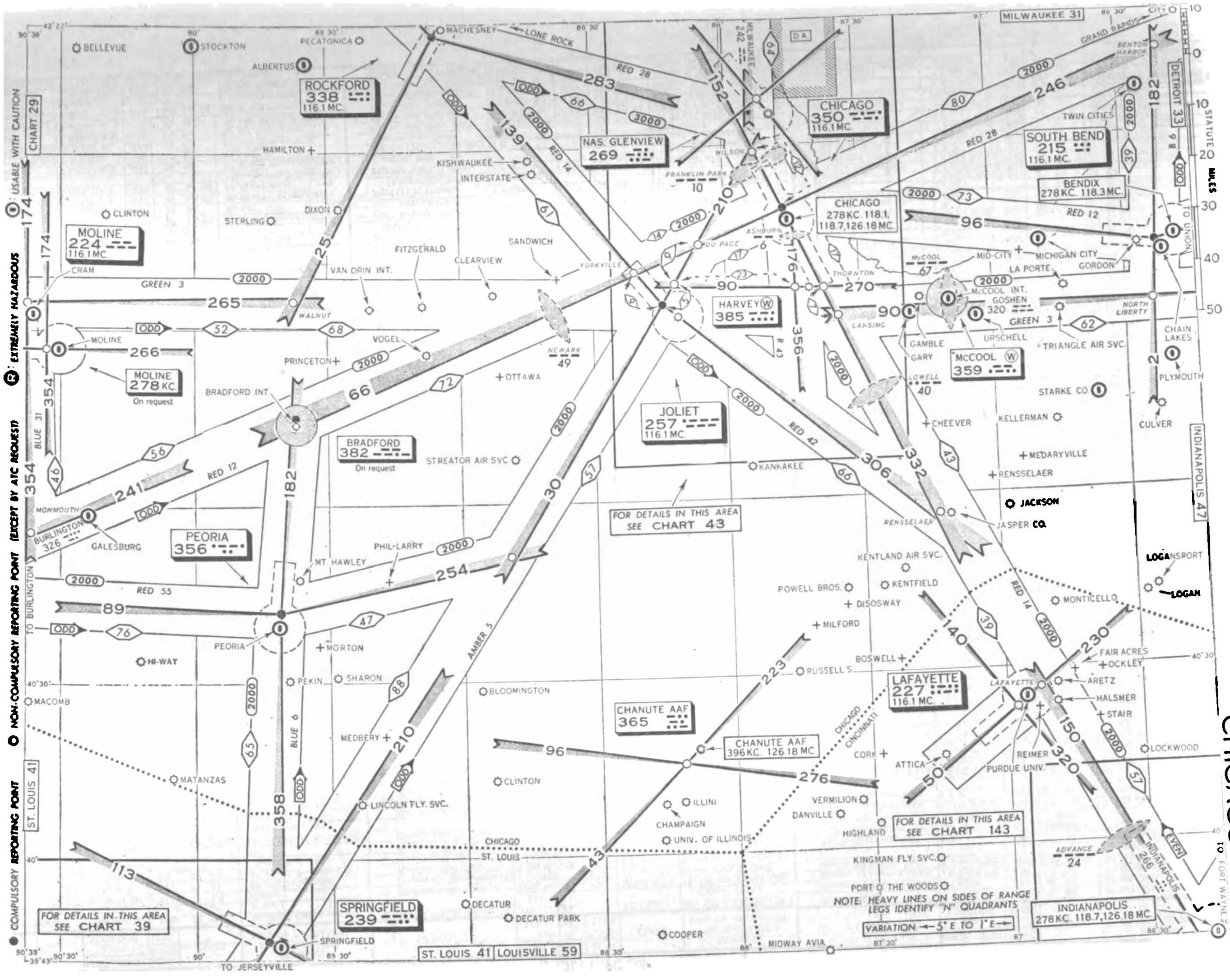
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CHICAGO	109.9	333.8	132°	MM- •-•-• (0.79)	OM- — —(5.8)
				MMK- 201 •••	OMK-219 •—•—
MOLINE	110.3	335	131°	MM- •-•-(0.71)	OM- — —(4.4)
				MMK-	OMK
				MM-	OM-
				MMK-	OMK
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct, Tank ESE.	
Kentfield (Kentland,Ind)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W	
Starke Co. (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW	
Mid-City(Mich.City,Ind)	3S	650	26 S4	80 oct.Wires N,S Data unver	
Stewart Fld.(Danville,Ind)	1.5 E	750	25 S1	80 oct.Wires N,S Data unver	
Elnora (Ind.)	.25 SE		18 S1	80 oct.P-lines N Data unver	
Boswell (Ind.).	1 N		15 S4	80 oct Data unver.	
Fair Acres(Buck Creek,Ind)	0.5 E	595	26 S2	80 oct.Trees N Data unver	
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct.Trees NE,Wires SE,NW	
Kellerman Fld(N.Judson,Ind)	1.5 S;hwy E	650	17 S1	80 oct.Wires SE Trees N	
Sharon(Fremont,Ill)	1 SE;RR,hwy N	631	21 S6	80 oct.P-line NE	
Lincoln Fly.Svc.(Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N.	
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.	

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.55 mcs. ◆ A. A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII). → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indicated and non-capitalized.


CHICAGO 45
CHART 29
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
BELLEVUE
STOCKTON
PECATONICA
ALBERTUS
ROCKFORD 338 116.1 MC.
MACHESNEY
LONE ROCK
RED 28
283
152
MILWAUKEE 242
DA
64
MILWAUKEE 31
GRAND RAPIDS
BENTON HARBOR
2000
246
80
DETROIT 33
182
TO UNION
CHICAGO 350 116.1 MC.
HAMILTON
KISHWAUKEE
INTERSTATE
NAS. GLENVIEW 269
WILSON
FRANKLIN PARK
10
TWIN CITIES
SOUTH BEND 215 116.1 MC.
BENDIX 278 KC. 118.3 MC.
RED 12
96
CLINTON
STERLING
DIXON
MOLINE 224 116.1 MC.
CRAM
GREEN 3
265
WALNUT
VAN DRIN INT.
FITZGERALD
CLEARVIEW
SANDWICH
YORKVILLE
DU PAGE
ASHBURN
CHICAGO 278 KC. 118.1, 118.7, 126.18 MC.
210
176
90
270
THORNTON
LANSING
McCOOL
MID-CITY
MICHIGAN CITY
LA PORTE
GORDON
McCOOL INT.
GOSHEN 320
NORTH LIBERTY
GREEN 3
62
MOLINE
266
MOLINE 278 KC. On request
BRADFORD INT.
PRINCETON
VOGEL
NEWARK 49
OTTAWA
HARVEY 385
R 43
GAMBLE
GARY
URSCHELL
TRIANGLE AIR SVC.
McCOOL 359
LOWELL 40
CHAIN LAKES
PLYMOUTH
STARKE CO.
CULVER
BLUE 31
354
66
72
BRADFORD 382 On request
STREATOR AIR SVC.
JOLIET 257 116.1 MC.
KANKAKEE
CHEEVER
KELLERMAN
MEDARYVILLE
RENSSELAER
JACKSON
JASPER CO.
INDIANAPOLIS 47
241
RED 42
306
332
43
MONMOUTH
BURLINGTON 326
GALESBURG
PEORIA 356
MT. HAWLEY
PHIL-LARRY
254
RED 55
182
30
57
FOR DETAILS IN THIS AREA SEE CHART 43
KENTLAND AIR SVC.
POWELL BROS.
KENTFIELD
DISOSWAY
MILFORD
MONTICELLO
LOGANSPORT
LOGAN
89
76
47
PEORIA
MORTON
HI-WAY
PEKIN
SHARON
BLOOMINGTON
MACOMB
MATANZAS
BLUE 6
358
65
88
MEDBERY
CHANUTE AAF 365
CHANUTE AAF 396 KC. 126.18 MC.
96
276
CLINTON
LINCOLN FLY. SVC.
ILLINI
CHAMPAIGN
UNIV. OF ILLINOIS
VERMILION
DANVILLE
HIGHLAND
CHICAGO
ST. LOUIS
113
43
KINGMAN FLY. SVC.
PORT O' THE WOODS
DECATUR
DECATUR PARK
COOPER
SPRINGFIELD 239
SPRINGFIELD
TO JERSEYVILLE
FOR DETAILS IN THIS AREA SEE CHART 39
ST. LOUIS 41
LOUISVILLE 59
MIDWAY AVIA
BOSWELL
RUSSELL'S
LAFAYETTE 227 116.1 MC.
FAIR ACRES
OCKLEY
ARETZ
HALSMER
STAIR
LOCKWOOD
CHICAGO CINCINNATI
CORK
ATTICA
REIMER
PURDUE UNIV.
140
223
230
150
320
50
RED 14
39
2000
FOR DETAILS IN THIS AREA SEE CHART 143
ADVANCE 24
INDIANAPOLIS 266
EVEN
TO FORT WAYNE
INDIANAPOLIS 278 KC. 118.7, 126.18 MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION ← 5° E TO 1° E →
STATUTE MILES
0
10
20
30
40
50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)	MHW	(Cont.) (Mich)	
* Archbold Int,18,CG-LG	3.5 NNW;RR N	716	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W. Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	799	63h L5 S4	91 oct.100 oct.Army.Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct. (Ind)
Bluffton-Wells Co.	2,8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. (Ohio) NE,ESE.
Bringham(Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW;riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE. (Ind)
Cadet (So.Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct.SE,E,SW,S blkd.
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E.NE. S blocked.
Cedar Lawn (Kenton)	2.3 S;RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain Lakes (So.Bend)	5.2 W;hwy N,S	765	22 S3	80 oct. (Ind.)
Cheever(Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MHW	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O)	272 (126.18,		CA(ILS-W	(3);126.18,127.7,116.1
(Wilmington, Ohio)	140.58,116.1)		(GCA)	Tr.on 137.88 on req.
(W) Clinton Co.AAF (Wilmington, Ohio) (A)	2SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1. Rnwy lgts 1 hr's notice
Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork(W.Lebanon,Ind)	4 W		24 S1	80 oct.Obsts NE.Data
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line unver. S,SW Stacks NW.
Crabill (Spri ngfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-line S.
Culver (Ind)	2 E;lk W	815	26	
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90°, 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS-W)	(4);122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	73,81,91,100 oct.
Dr.Haines (Three Rivers, Mich).	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd. Poles N.(Ind)
E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 L S6	80 oct.Flares on req.
Elkhart (Ind)	2.7 NNW	752	30 S6	80 oct.N,NE,SE,NW blkd.
Elwood (Ind)	2 S;hwy NW	850	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (JF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L5 S4	80 oct. Hwy NW.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51°, 3.5	BMRLZ-DTV	(4);116.1,122.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld.RR S
Gamble (Hobart.Ind)	1.8 NNW; hwy S	650	25 S6	80.91 oct.P-line NE,E
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE; RR N	730	13 S1	Fuel avail. SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90°, 2.7	SBRAZ-DTV	(4);116.1,122.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. Riv SW
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port req. lgts on req.P-line SW.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
Hi-Way(Decatur,Ind.)	1.5 SW		25 St	80 oct.Wires E.Data unv
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
INDIANAPOLIS Range (Ind)	266 (ID) (116.1)	62°,3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line SW.
Kentland (Ind)	4 WNW	650	25 S4	80 oct,P-line NE, S.
Kingman Fly Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,Er.
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S.E.Use strips only.
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMRL-DTV	(4); 116.1 prior req.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. NE.
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Appchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct. Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E		24 S6	80,91 oct.Pwrline NE.
(P) Miami Univ.(Oxford,O)	2,2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Mid City(Mich.City,Ind)	3S	650	26 S4	80 oct.Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P)* Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE; RR E	595	36 S6	91 oct.P-line S,W,NNE
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. blkd.
Ockley (Ind)	1 W		23	P-lines N,W.Trees E.
PATTERSON Army Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32°, 2.96	SBMRAZ-DTV	(4);137.88 Data unver.
PATTERSON Tower	396 (126.18)+		CA(ILS-W) (GCA):53.13	(4); 126.18
(A) Patterson (Fairfield)(A)	1.6 WSW	819	78h L6 S4	73,100 oct.JP-1.(Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW
Paulding Co.(Paulding, Ohio)	1.8 NE;RR 2 W	720	25 S4	80 oct.S blkd.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd.Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct.N,SE appch
Port Core (Rushsylvania, Ohio)	1.6 SSW; RR NW	1275	14	Poles NNE clear.
Port Koneta (Wapakoneta, Ohio)	2,1 NNE;RR E		24 S6	80 oct.SW,W,NW blkd.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct.No sto.P-line N, stack NE.
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct.P-line N,E
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka(Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80 oct. Pole E.,NE blkd.
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd.(Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct.Data unver.(Ind)
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld.RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	19 S6	73,80 oct.No sto.P-line
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct.Lgts N,E,SE, prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW.
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3);116.1,122.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto Hills S.
Spink-Wawasee (Svracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE S. SW.
Sportsman (Mishawaka)	3.7 NE;riv S	760	26 S6	80 oct.Appchs blkd exc. N,NW
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct No sto. (Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct P- Data unv lines sur fld.No sto.
Steed (Portland,Ind)	1.5 NW;hwy E	1000	24 S4	80 oct P-line N,NE.
Stombaugh(Bryan,Ohio)	0.5 S		24 S4	80 oct No sto Fence E wire W.Data unver.
TERRE HAUTE Range (Hulman)(Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE	623	42h L5 S4	80,91,100 oct. RR W.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct.P-line N.(Ind)
Waco-Troy(Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct.Poles blkd, N,S,NW,NE.
Voss(Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S.Data unv.
Wakefield(Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington(Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2,5 NW;hwy S	835	26 S6	80, 91 oct.
Whittenberger(Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs*

LOCATION	LC/LZ.R.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05) MM- OM- MMK- OMK
DAYTON	110.3	335	55°	IM- MM- OM- — — (4.4) MMK- OMK
INDIANAPOLIS(L6)	109.9	333.8	44°	IM- MM- — — (0.89) OM- — — (4.3) MMK-201 — — QMK-219 ..
PATTERSON (A)	108.7	333.8	210°	IM- (0.09) MM- ------(1.12) OM- — — (4.5) MMK- OMK

NEW FACILITIES

Mishawaka (Ind)	2 SE	700	35 S4	80 91 oct.NNE/SSW.	
East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct. NNW/SSE blkd.	
Kentfield (Ind)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W.	
Starke Co.(Knox,Ind)	0.9 S;hwy E	714	29 S6	80 oct.P-lines SW,NW,NE,	
Custer(Monroe,Ind)	2.5 WNW	612	40 L1 S2	80 oct.Trees N,W,S, SE.	
Branch Co.(Coldwater,Mich)	2.7 WSW;RR S	990	31 S4	80oct.Hi-lines sur fld.	
Miller(Liberty Ctr.Ind)	1 NE	800		Data unver	
Warsaw (Ind)	3 NNE		30 S1	80oct.Wires S,N,NE.	
Stewart(Danville,Ind)	1.5 E	750		80oct.Wires N,S Data unv.	
Skyway(Tolleston,Ind)	4.5 N Griffith	630	18 S1	80oct.Trees NE;wires SE,	
Boswell (Ind)	1 N		15 S4	80oct.Data unv. NW Data unv	
Fair Acres(Buck Crk,Ind)	0.5 E	595	26 S2	80oct.Trees N Data unver.	
Elnora (Ind)	0.4 SE		18 S1	80oct.P-lines N Data unver	
Ada (Ohio)	1.5 NNW;hwy E	945	22 S4	80 oct.	
Bluffton Fly Svc. (Ohio)	1.3 ESE;hwy N	845	20 S4	80 oct. W blkd.	
Liniger(Preble,Ind)	0.8 ESE;hwy N	750	24 S3	80 oct.P-line NE,SW,W	
Hartford City (Ind)	1.5 W	910	18 S1	Wires N Data unver.	
Kellerman (N. Judson, Ind)	1.5 S;hwy E	650	17 S2	80 oct,Wires SE.	
Snyder (Fostoria,Ohio)	1.5 ENE;RR S	762	26 S4	80,91 oct.W blkd.	
Mentone (Ind.)	2 SW	800	22 S4	80 oct.P-line S.	
Lincoln Fld. (Dora, Ind.)	3 SSW;hwy S	830	21 S1	80 oct.P-line E.	
Short's (Archbold,Ohio)	1.2 WNW;RR SE	728	20 S2	80 oct,S blkd.	
Bryan (Ohio)	2.8 N;RR SE	810	38 S1	80 oct,S,SW blkd,P-line W.	
Continental (Ohio)	2 S;RR NW	726	55 S1	80 oct,N,E,W blkd.	
Jackson (Francesville, Ind.	4.8 WSW	675	19 S2	80 oct.	

INDIANAPOLIS 47

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

CHICAGO 45 | LOUISVILLE 59 | CINCINNATI 61 | CLEVELAND 49 | COLUMBUS 63

STATUTE MILES 0 10 20 30 40 50

CHICAGO 45
SOUTH BEND 215 116.1MC
DETROIT 33
GOSHEN 320 116.1MC
BENDIX 278KC 118.3MC
McCOOL (W) 359
ARCHBOLD (W) 371
TOLEDO 239 116.1MC
TOLEDO 263 KC
CLEVELAND 49
FORT WAYNE 251 116.1MC
BAER 278 KC
FINDLAY 209
LAFAYETTE 227 116.1MC.
INDIANAPOLIS 266 116.1MC.
TERRE HAUTE 248 116.1MC.
INDIANAPOLIS 278 KC 118.7,126.18 MC.
DAYTON 278 KC. 118.9, 126.18 MC.
DAYTON 245 116.1MC.
PATTERSON AAF 396 KC 126.18 MC.
PATTERSON AAF 379 137.88 MC
WRIGHT AAF 260 KC 126.1 MC.
CLINTON CO. AAF 272 KC 116.1, 126.18, 140.58 MC.
CLINTON CO. AAF (W) 201 KC.
COLUMBUS 391
MARION
CEDAR LAWN
COONS
FINDLAY
LOUISVILLE 59 CINCINNATI 61

FOR DETAILS IN THIS AREA SEE CHART 43
FOR DETAILS IN THIS AREA SEE CHART 143
FOR VHF RANGE SEE CHART 144

CLEVELAND

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278(118.5)	C	(4);122.5
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
→ DETROIT	338 (D)	MHW;329°,2.2	(Cont.) Detroit
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
→ YPSILANTI (Willow Run)			DECOMMISSIONED.
Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(3); 116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. - - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ****** (0.83)	OM- -- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK 341 — (0.65)	OMK 359 - - - (5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.
+ - Army A C S. transmits on and guards 116 1. 137.88, 140.56 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd
Ann Arbor	4 S	835	28 L3 S6	80 oct. NE blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR, riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2 ESE;riv W		26 S4	80 oct. Data unver.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Fee, com acft ARPT OF ENTRY.

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley (Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blckd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W, SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E, NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE; lk SE	590	29 S4	80 oct. Trees NE, SE, SW.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE, NW.
(N) Newport OLF (N)	3 W, hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct. SE, SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S, SE, SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE, SE, SW, NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N, NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEAR STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	664	25h	P-line NNE. PRIV.
Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-line S, W blkd
Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N, NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct. No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
(P) Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE;bay N	600	15	W blkd, trees S. Rough.
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct. Pole line all sides.
Gage (Mansfield)	4.5 W;RR SE	1360	13 S2	73 oct.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, → LV-CV	2.5 WNW; hwy E	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE, S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy S	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld

OHIO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Medina Prichard (Medina)	3 WNW;RR NW, SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S, W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW. Const. E/W rnwy
→ Norwalk	0.8 NE;RR W	700	18 S2	80 oct. Poles W, SW.
→ Norwalk Airpark (NC)	2 NNE;RR W	690	29 S6	73,80,91 oct. Poles W, SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	680	29 S1	80 oct. Poles E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int, 4B, CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus (Bucyrus)	2 S;RR NW, E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N, E, SE.
→ Snyder (Fostoria)	1.5 ENE;RR S	762	26 S4	80,91 oct, W blkd.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	22 S2	80 oct. Poles W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S, SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	See Akron-Canton Arpt-Co. Fld under "New Arpts".			
(NG) Wayne Co. (Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct. I-ech maint NG ARPT OF ENTRY
Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct. Poles W, bldg NE
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
→ Akron-Canton Arpt-County Fld (Canton,	8.5 NNW;RR 1W	1227	56h L6 S1	80,91 oct,
→ Newton Falls (Ohio)	2 SW;RR E	950	22 S1	73 oct. Rough.
→ Tuttle Fld (North Madison, Ohio)	2.2 NW;lk N	625	16	80 oct, N blkd, P-line S.
→ Whiteley (Alliance Ohio)	2 ESE;RR W	1065	16 S1	80 oct, N, S blkd.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(R) EXTREMELY HAZARDOUS
(O) USABLE WITH CAUTION

CLEVELAND 49

DETROIT AREA

DETROIT 33
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
DETROIT 33
CROSWELL CITY
MICH. 3 D.A.
FLINT 335 (116.1) On request
FORREST
DALTON
WEST'S
BISHOP 278 (118.3)
LAPEER
SEELYS
BAKER'S
ST CLAIR CO MUN
MICH. CAN.
ALLEN'S
CENTER
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
OXFORD
PONTIAC
HIGHLAND
HOWELL
ROMULUS 230 (116.1)
WIXOM 20
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
MILAN
DUNDEE
TECUMSEH
WILLOW RUN 332 (118.7)
MONROE
NEWPORT OLF
NAS. DETROIT 269 (142.74)
NAN-BAR
FLAT ROCK
EGGORSE
MITCHELL BAY
CHATHAM
WINDSOR 353
CLEAR CREEK 248
TUTTLE
On request
PERRY 332 (116.1)
AMBER 6
PERRY
FOR DETAILS IN CLEVELAND AREA SEE CHART 141
CLEVELAND 344 (116.1)
NATIONAL AVIATION
MICH.
OHIO
FRANKLIN
TOLEDO 263
DETROIT CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
BLUE 11
SANDUSKY
HINDE
BOWLING GREEN
BRICKER
SLAGER
TOLEDO 239 (116.1)
NORWALK
PARKS
SNYDER
TIFFIN
FINDLAY
WILLARD
MANSFIELD
FINDLAY 209
ADA
BLUFFTON FLY. SVC.
GAGE
PORT BUCYRUS
GALION
COLUMBUS 391
HAYESVILLE
HAYESVILLE 329
NORTH ROYALTON
PARKMAN
MEDINA
PRICHARD
WESTFIELD
LING
ASHLAND
WOOSTER
AKRON 272 (118.9)
AKRON 362 (116.1)
KENT STATE
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
MILLER/TAYLORCRAFT
WHITELEY
DAYTON 245
COLUMBUS 63
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
TO YOUNGSTOWN
TO ERIE
TO FORT WAYNE
TO TROY
TO ARCHBOLD
TO LANSING
TO BURR OAK
BUFFALO 51
WIXOM 20
BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
DETROIT CITY 278
DETROIT (W) 338
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC.
HARTSELL AIR TERM
FORD
STINSON
HANCE
WAYNE CO
ROMULUS 230 (116.1)
SCALE OF MILES
GREEN 2
RED 20
RED 59
RED 1
RED 12
RED 21
RED 27
RED 17
AMBER 6
BLUE 15
CAN. OHIO
149
353
164
266
64
42°35'
42°30'
42°15'
83°30'
83°15'
83°
82°55'
82°30'
42°07'
NOTE: HEAVY LINES ON STATE OF OHIO INSET INDICATE U.S. AIRWAYS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Albert (Wallaceton, Pa)	3 ENE;rd N.	1750	30 S6	80,91 oct.P-lines sur fld.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Ashtabula (Ohio)	3.1 W;lake N	621	17 S2	80 oct.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct.P-line W Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct.P-line N,S,W.
Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	23 S4	80,91 oct. P-line W, N.E.
★ Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE.
Brockway (Pa)	1.3 NE	1700	18 S2	80 oct.Trees SE,NW
Brokenstraw (Youngsville,Pa)	2.6 W;RR S	1230	19 S6	80 oct.P-line NE,SW,WSW
BROOKVILLE H Fac. (Pa)	391 (BR)		MHW	
★ Brookville Int,45A,CG-LG (Pa)	2 WSW;RR E	1416	30 L3	Trees E,W,SW.
Buffalo Arpk (Gardenville,N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
➤BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC (ILS)	(4); 126.18,122.5,118.5
(A) [Buffalo] (N.Y.)	6.1 ENE;RR NE	711	56h L6 S6	80-100 oct;100 oct.Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario,Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Conneaut (Ohio)	See Lakeville			
Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	19 S3	80,91 oct.P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct.Hill N.Rnwy data
Country Club (Clarence,N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW. unver. Port lgts on req.
County (No.Tonawanda,N.Y.)	3.4 E;RR SW	577	21 S4	80 oct.
DUNKIRK H Fac. (N.Y.)	239(DK)(116.1)		MHTV	(4);116.1 (Manned 8-24)
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct.
Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct. P-line W.
ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1
Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80,91 oct.Port rnwy lgts. P-line SE.
Erie County (Erie, Pa)	11.6SW;hwy N	805	24 S6	80 oct.P-line SSE,NW.
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
➤ Fredonia (N.Y.)	3.5 W;RR SE	620	26 S2	80 oct.P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville (Pa)	3 W; RR E	1180	17 S2	80 oct. P-line S,SW.
Grove City (Pa)	2.1 SSE;RR E	1275	19 S4	80 oct.
Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
Hamburg Arpk(N.Y.)	2 NNW;RR,hwyW	722	23 S2	80 oct. P-line NE.
Harri-Emery (Bradford,Pa)	2.3 WSW;hwy N	1490	20 S4	80 oct.
Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W	723	20 S4	80 oct. No sto.
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium,Pa)	0.5 SW	1210	15	P-line SW,NE.
Kylertown (Pa)	1 WNW	1660	40 S6	80 oct. Trees N,WNW.
Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
➤ Lakeville (Conneaut, Ohio)	2 ESE;RR N	670	18 S4	80 oct.P-line N,NE,NW.
Lee (Lockport, N. Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S1	80 oct.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
Mercer (Pa)	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning(Linesv'l,Pa)	1.5 NW;RR E	1200	21 S2	80 oct.P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct.Trees NE,W.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)		CI	(4); 126.18,122.5(8-20)
(P) Niagara Falls (N.Y.)	4 E;RR N	587	55h L5 S4	80-100 oct.JP-1.No sto.
New Castle (Pa)	4 WNW;hwy SE	1080	29h S5	80 oct.
Olean (N.Y.)	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S6	80,91 oct. Trees N,E,S.
Patterson (Beaver Falls,Pa)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
Pembroke Arpk(E.Pembroke,N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
Penn-Mead (Meadvi lle, Pa)	4 SW;hwy E	1365	20 S3	80 oct. Trees N,E,S,W.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
Perry (Mars, Pa)	5 E;hwy E	1060	16 S6	80 oct.No sto.P-line E.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°,5.0	SBRAZ-DTV	(4); 116.1(Black Moshannon)
PHILIPSBURG Range (Pa)	108.7 (MJ)		VARW	
Philipsburg,51A,CG-LG (Pa)	See Black Moshannon,51A,CG-LG under "New Facilities"-name changed			
Pittsburgh-Butler, Pa)	6.2 SSW;hwy E	1235	49 L1 S6	80 oct. Flood lgts on req
[Port Erie] (Erie, Pa)	6 WSW;RR SE	735	45h L6 S6	80,91 oct P-line E,S
Port Lawrence (Corry, Pa)	1.2 S;RR N	1745	23 S2	80 oct.Trees SE,W,NW.
Port Meadville (Meadville,Pa)	3.4 W;hwy S	1400	32h L4 S6	80,91 oct.Flood lgts on req.
Port Warren (Warren, Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver. Trees
Punxsutawney (Pa)	3 NE;hwy S	1470	22 S2	Ltd 80 oct.P-line ESE,S,NE
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct.P-line SW.Rnwy data
Shawnee (North Tonawanda,N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct.P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
➤ Sky Harbor (Williamsfield,Ohio)	1 S;hwy E			ABANDONED.
Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h S6	80,91 oct. Trees N,E,S
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct.P-line N,E.Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E.Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct.Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
TORONTO Range (Ontario,Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Tyndall (Warren, Ohio)	6 NNW;RR E	940	28 L1 S4	80 oct. N,S,W blkd.
Utahville (Pa)	1 N;RR S	1800	22 S6	80 oct. Ltd 91 oct
Warren (Pa)	2 WSW;RR N	1100	23h S6	80 oct. P-line WNW.
Warren Airways (Ohio)	2.3 WNW;hwy N	900	25 S4	80 oct.Trees S,WNW.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (N.Y.) (NC)	1.5 WSW;hwy N	758	18 S1	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°,3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio)	278		C	(4)
[Youngstown] (Ohio)	11 N;hwy E	1178	39h L5 S6	80,91 oct.100 oct.on req.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
➤BUFFALO	109.9	333.8	232°	IM-	MM- ·-·-·(0.66)	OM- — — (4.20)
					MMK-	OMK- 201 —·—·—
				IM-	MM-	OM-
					MMK-	OMK-

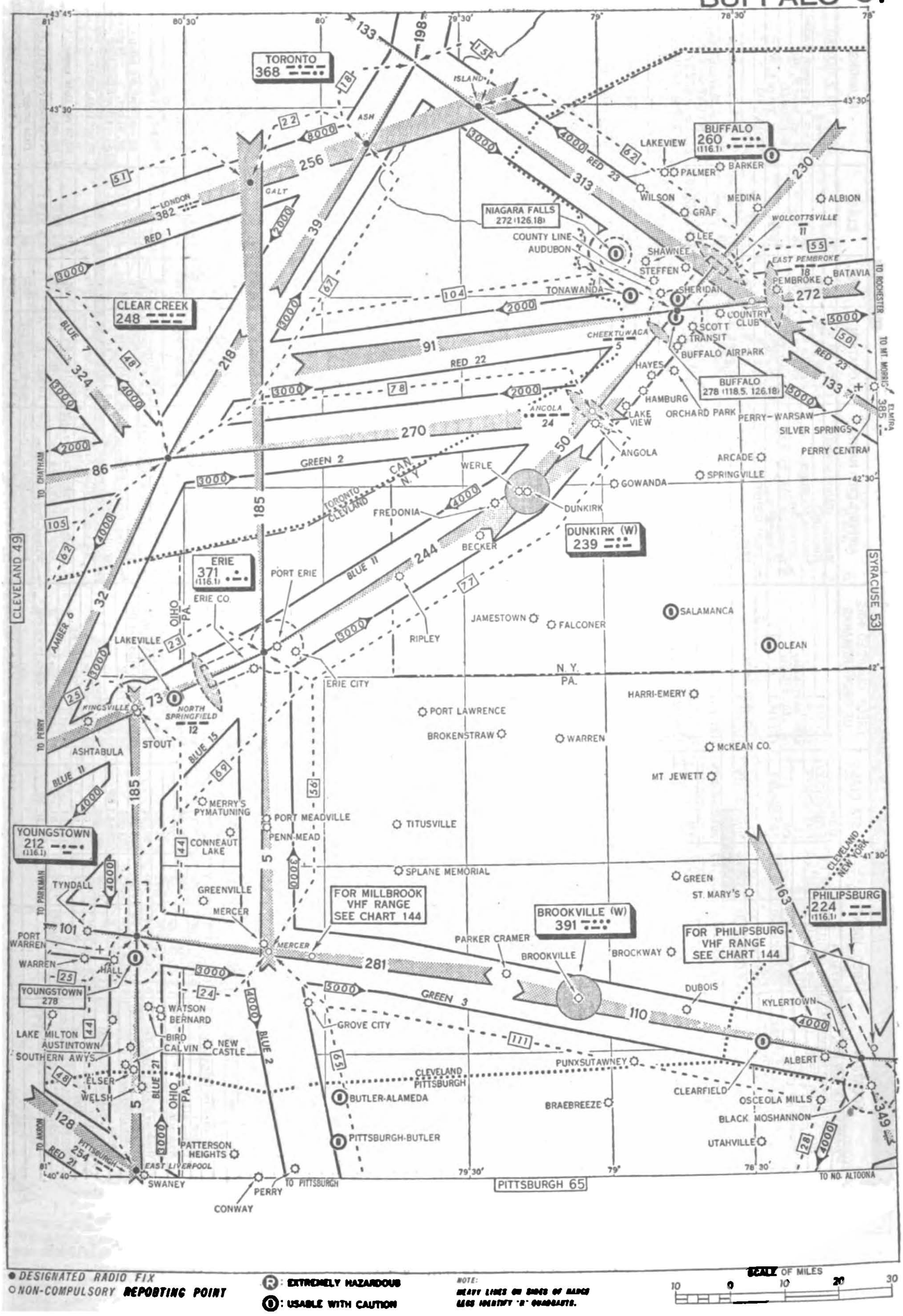
NEW FACILITIES

➤Lake Milton (Ohio)	0.4 W;lake E	950	17	Rough.P-line NE,E.
➤Southern Airways(Woodsworth)	2.5 NNW;hwy N	1040	27 S4	80 oct.E blkd. (Ohio)
➤Welsh Fly.Svc.(No.Lima,Ohio)	2.4 S;hwy,lk E	1155	18 S1	80 oct. E blkd.
➤Elser (No. Lima, Ohio)	1.2 NW;hwy E,S	1060	18 S1	80 oct. Trees E,W.
➤Calvin (No. Lima, Ohio)	2.8 WNW	1165	23 S1	80 oct N,NNW,SSE blkd.
➤Austintown (Ohio)	0.8 SSE;hwy N	1160	31 S4	80 oct. E,W blkd.
Perry Fly.Svc. (N.Y.)(NC)	3.3 W;RR 3 W	1640	21	P-line NNE Reported ABAND
Perry-Warsaw (Perry, N.Y)	3 WNW;hwy N		15 S2	80 oct.
➤Brookfield (Ohio)	0.8 W;RR W			ABANDONED
Black Moshannon,51A,CG-LG	7 E;hwy N	1940	30h L3	(Philipsburg, Pa)
➤Stout(No.Kingsville, Ohio)	1 E;RR N,S	710	30 S2	80 oct N blkd

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcasts on 4765 kcs. (First broadcast [illegible])

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XII)
➤ New or revised data. (Jones) - Airline Stop. N.B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized

BUFFALO 51


TORONTO 368
BUFFALO 260 (116.1)
NIAGARA FALLS 272 (126.18)
CLEAR CREEK 248
BUFFALO 278 (118.5, 126.18)
DUNKIRK (W) 239
ERIE 371 (116.1)
YOUNGSTOWN 212 (116.1)
YOUNGSTOWN 278
BROOKVILLE (W) 391
PHILIPSBURG 224 (116.1)
FOR MILLBROOK VHF RANGE SEE CHART 144
FOR PHILIPSBURG VHF RANGE SEE CHART 144
PITTSBURGH 65
LONDON
GALT
ASH
ISLAND
LAKEVIEW
PALMER
BARKER
WILSON
GRAF
MEDINA
ALBION
WOLCOTTSVILLE
LEE
SHAWNEE
STEFFEN
COUNTY LINE
AUDUBON
TONAWANDA
SHERIDAN
EAST PEMBROKE
PEMBROKE
BATAVIA
COUNTRY CLUB
SCOTT
TRANSIT
BUFFALO AIRPARK
CHEEKTUWAGA
HAYES
HAMBURG
LAKE VIEW
ORCHARD PARK
PERRY-WARSAW
SILVER SPRINGS
PERRY CENTRAL
ANGOLA
ARCADE
SPRINGVILLE
GOWANDA
WERLE
DUNKIRK
FREDONIA
BECKER
CAN. N.Y.
TORONTO CLEVELAND
PORT ERIE
ERIE CO.
OHIO PA.
LAKEVILLE
RIPLEY
JAMESTOWN
FALCONER
SALAMANCA
OLEAN
ERIE CITY
N. Y.
PA.
HARRI-EMERY
PORT LAWRENCE
BROKENSTRAW
WARREN
McKEAN CO.
MT JEWETT
KINGSVILLE
NORTH SPRINGFIELD
STOUT
ASHTABULA
MERRY'S PYMATUNING
PORT MEADVILLE
PENN-MEAD
TITUSVILLE
CONNEAUT LAKE
GREENVILLE
MERCER
SPLANE MEMORIAL
GREEN
ST. MARY'S
TYNDALL
PORT WARREN
WARREN
HALL
PARKER CRAMER
BROOKVILLE
BROCKWAY
DUBOIS
KYLERTOWN
WATSON
BERNARD
BIRD
CALVIN
NEW CASTLE
LAKE MILTON
AUSTINTOWN
SOUTHERN AWYS
ELSER
WELSH
GROVE CITY
CLEVELAND PITTSBURGH
BUTLER-ALAMEDA
PUNXSUTAWNEY
CLEARFIELD
OSCEOLA MILLS
BLACK MOSHANNON
UTAHVILLE
ALBERT
BRAEBREEZE
PITTSBURGH-BUTLER
PATTERSON HEIGHTS
EAST LIVERPOOL
SWANEY
PERRY
CONWAY
TO PITTSBURGH
TO NO. ALTOONA
TO ROCHESTER
TO MT. MORRIS
ELMIRA
SYRACUSE 53
CLEVELAND 49
TO CHATHAM
TO PERRY
TO PARKMAN
TO AKRON
CLEVELAND NEW YORK
RED 1
RED 22
RED 23
BLUE 7
BLUE 11
BLUE 15
BLUE 2
BLUE 21
AMBER 6
GREEN 2
GREEN 3
RED 21
PITTSBURGH 254
81°
80° 30'
80°
79° 30'
79°
78° 30'
78°
43° 45'
43° 30'
42° 30'
42°
41° 30'
40° 40'
133
198
15
18
22
8000
256
51
382
2000
39
67
3000
4000
62
313
230
55
104
91
218
324
48
78
270
86
105
32
23
25
73
12
69
185
56
5
44
24
101
281
5000
111
110
163
349
28
91
50
272
18
77
244
127
254
21
15
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "R" QUADRANTS.
SCALE OF MILES
10 0 10 20 30

SYRACUSE

RADIO

NEW YORK

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1

PENNSYLVANIA

ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116.1.122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1

NEW RADIO FACILITIES

WATERTOWN(N.Y.)	109.1(WB)		VARW	
ALLENTOWN Range (Pa.)	109.1(XA)	178°,5.7	VARW	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Martins Creek (Belvidere)	3 SSW;riv SE	340	25 S6	80,91 oct.Pole line N.

NEW YORK

Angelica	1.5 WSW;RR N		18 S1	80 oct. Data unver
Auburn	3.7 NNW;lake E	525	24 S4	80 oct.Poles,trees sur fld
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct.Hill 0.6 E.Data unver.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct. Hi-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W
Elmira	2 SSW;RR E	890	16	Trees adj NE,S
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct.No sto.Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW unver.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E
Ithaca	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W.CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
Moravia Air Haven	1 NW; RR E	730	20 S1	80 oct. S approach blocked.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
Newark Int. 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No Sto.When wet
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct.Pole lines W,NW,SE Ctr
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY. NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80 oct.Twr W;hill N;trees E
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY

PENNSYLVANIA

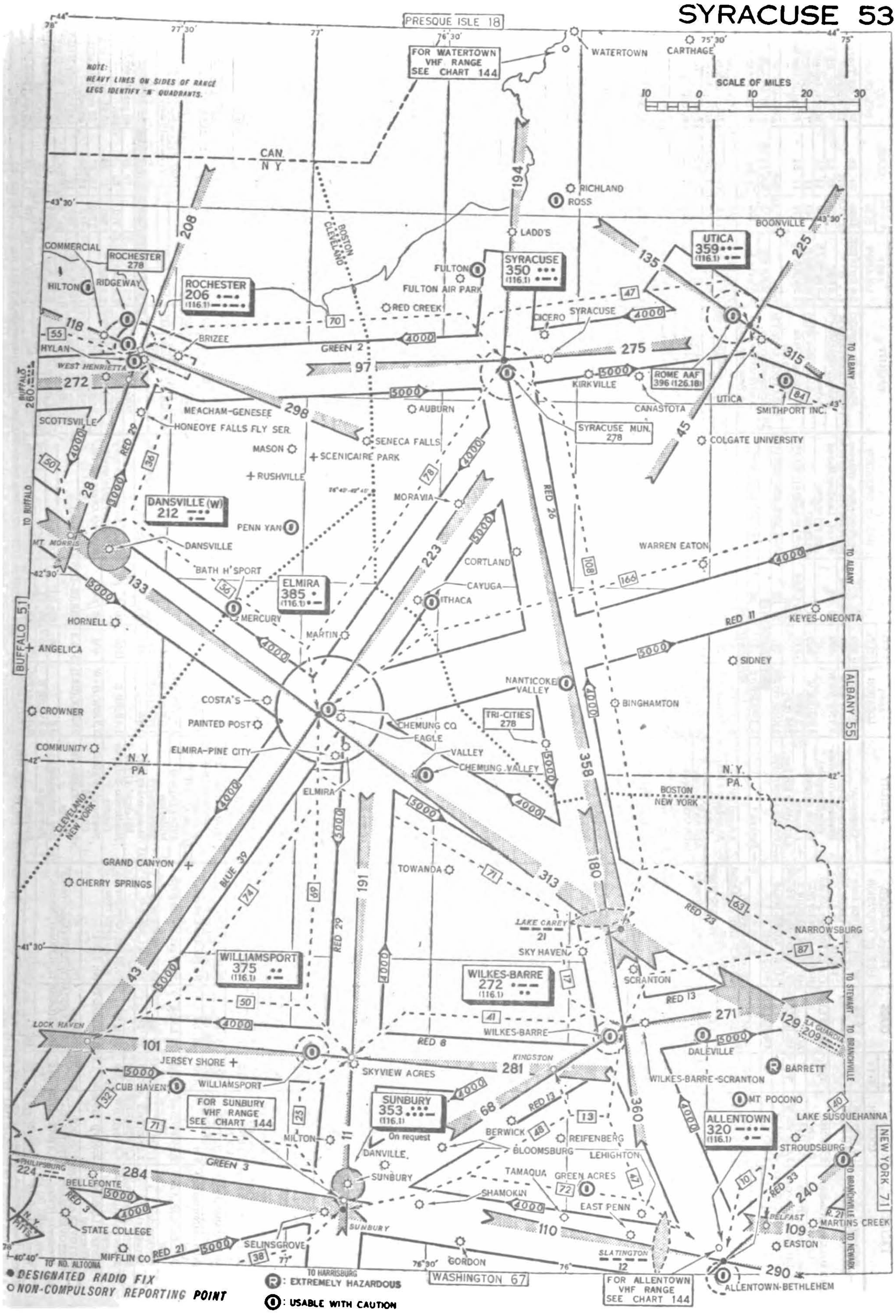
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	392	40h R1 L5 S6	80,91 oct.Use rnwys only. Fld lgts on req.req.
Barrett (Canadensis)	1.8 N;hwy SW	1450	18 S2	No fuel. Trees E.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80, 91 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L5 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	24 L S4	80 oct.Lgts prior req.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct, Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S6	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	19 S4	80 oct. Hill S.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
East Scranton (Scranton)	7.3 ESE;lake E			ABANDONED.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres(Beaver Meadows)	2S	1260	20 S4	80, 91 oct. Pole line ENE.
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	27 S6	80 oct. P-line W,SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3 S1	80 oct. Pole line NE
Nicholson-Mt View (Nicholson)	4.8 ENE;crk NW	1280	39 S1	80 oct,50' trees S.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct
Scranton	7.2 WNW;hwy N	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S6	80,91 oct.P-line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW
Stroudsburg-E.Stroudsburg (Stroudsburg)	2.5 NNE;hwy S	426	22 S4	80 oct.
(P) Sunbury	2 NNE	443	35 S4	80 oct. No sto.
Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S2	80 oct. ENE,NE blkd.
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h R1 L3 S4	80, 91 oct. Lgts emerg
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct.Stack ESE,ENE only.

NEW AIRPORTS

Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
Valley (Sayre, Pa.)	2.7 WNW	800	29 S6	80 oct.
Wilkes-Barre-Scranton	10 NE;		52h R1 L3	(Wilkes-Barre, Pa) Lgts prior req.
Jersey Shore (Pa)	1.5 E	530	28 S4	Data unver
Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
Skyview Aeres,(Muncy,Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct.P-line S,SE WSW
Grand Canyon (Wellsboro,Pa)	4 W	2000	35 S2	80 oct.Data unver.
Mufflin Co (Reedsville,Pa)	2.7 N;hwy W	830	37 S4	80 oct.
Berwick (Pa)	2.2 ENE	620	22 S4	80 oct.P-line E,NE.

S-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xxiii)IFC-(not charted). —►—NEW OR REVISED DATA.

SYRACUSE 53


PRESQUE ISLE 18
FOR WATERTOWN VHF RANGE SEE CHART 144
WATERTOWN
CARTHAGE
SCALE OF MILES
10 0 10 20 30
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
CAN. N Y
RICHLAND
ROSS
LADD'S
BOONVILLE
UTICA 359 (116.1)
SYRACUSE 350 (116.1)
ROCHESTER 206 (116.1)
ROCHESTER 278
COMMERCIAL
HILTON
RIDGEWAY
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
BRIZEE
GREEN 2
HYLAN
WEST HENRIETTA
ROME AAF 396 (126.1B)
KIRKVILLE
CANASTOTA
UTICA
SMITHPORT INC.
SCOTTSVILLE
MEACHAM-GENESEE
HONEOYE FALLS FLY SER.
AUBURN
SENECA FALLS
SYRACUSE MUN. 278
COLGATE UNIVERSITY
MASON
SCENICAIRE PARK
RUSHVILLE
MORAVIA
DANSVILLE (W) 212
PENN YAN
DANSVILLE
MT. MORRIS
BATH H'SPORT
ELMIRA 385 (116.1)
MERCURY
CORTLAND
CAYUGA
ITHACA
WARREN EATON
HORNELL
ANGELICA
MARTIN
KEYES-ONEONTA
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
TRI-CITIES 278
COMMUNITY
ELMIRA-PINE CITY
VALLEY
CHEMUNG VALLEY
N. Y.
PA.
BOSTON
NEW YORK
ELMIRA
GRAND CANYON
CHERRY SPRINGS
TOWANDA
LAKE CAREY 21
SKY HAVEN
NARROWSBURG
WILLIAMSPORT 375 (116.1)
WILKES-BARRE 272 (116.1)
SCRANTON
LOCK HAVEN
JERSEY SHORE
WILKES-BARRE
KINGSTON
DALEVILLE
BARRETT
WILLIAMSPORT
CUB HAVEN
SKYVIEW ACRES
WILKES-BARRE-SCRANTON
MT POCONO
FOR SUNBURY VHF RANGE SEE CHART 144
SUNBURY 353 (116.1)
On request
ALLENTOWN 320 (116.1)
LAKE SUSQUEHANNA
MILTON
BERWICK
REIFENBERG
BLOOMSBURG
LEHIGHTON
STROUDSBURG
DANVILLE
SUNBURY
TAMAQUA
GREEN ACRES
PHILIPSBURG 224
BELLEFONTE
SHAMOKIN
EAST PENN
STATE COLLEGE
BELFAST
MARTINS CREEK
SUNBURY
SELINSGROVE
MIFFLIN CO
GORDON
SLATINGTON 12
EASTON
TO NO. ALTOONA
TO HARRISBURG
WASHINGTON 67
FOR ALLENTOWN VHF RANGE SEE CHART 144
ALLENTOWN-BETHLEHEM
TO BUFFALO
TO ALBANY
ALBANY 55
NEW YORK 71
TO STEWART
TO BRANCHVILLE
TO NEWARK
BUFFALO 51
CLEVELAND NEW YORK
BOSTON CLEVELAND
RED 29
RED 26
RED 11
RED 23
RED 13
RED 8
RED 3
RED 21
BLUE 39
GREEN 3
208
194
135
225
315
118
272
298
97
275
45
28
223
133
313
180
191
358
360
101
284
110
43
109
240
290
271
129
68
11
N. Y. HTS.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

CONNECTICUT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Bethany	1.3 N;hwy E	680	21 L2 S6	80 oct. No bcn.Lgts
BRADLEY Tower	284 (126.18)		CI (ILS-W)	3105,4495; prior req. 126.18
(NG) Bradley (Windsor Locks)	2.8 WNW; RR,riv E	171	50h R3 L1 S6	Ltd 73,100 oct.No sto. No trans facs for NG.
BRAINARD Tower	278 (118.5)		AC	(4);126.18,122.5,118.5
(NG) [Brainard] (Hartford)	2.8 SE;RR W	18	48h R2 L5 S6	73,100 oct.No facs for NG
➙ BRIDGEPORT Tower	269 (118.7)		C	(4);118.7,122.5,126.18
(P) [Bridgeport]	3.5 ESE	9	48h R2 L5 S6	80, 91 oct.
Canaan	1 N;RR W	680	20 S4	80 oct.Poles WSW.
Danbury	2.5 SW;RR N	454	44h S6	80 oct.P-line WSW,SSE. S blkd.
Doane (Essex)	1.2 SW;RR E,N	30	21 S6	80,91 oct.Trees N,NW
➙ Groton Trumbull	See Trumbull Airport in Alphabetical Order-name changed			
➙ Hammonasset (Madison)	2 E;hwy N	15	12 S1	80 oct.
HARTFORD Range	329(HT)(116.1)	323°,2.3	SBRAZ-DTV	(3) ; 116.1 (Brainard)
➙ Island (Shelton)	1.8 SE;on isl.	8	15 S1	80 oct.Trees SE.Soft.
Kinsley (Somers)	2.5 NNW;RR W	200	19	
Lufbery(Wallingford)	0.6 WSW;RR E	80	22 S6	80 oct.Trees S
MERIDEN FM	(- - -)	244°, 17.6	FM	Hartford
MERIDEN Tower	278		CI	3105,4495 (days)
➙ Meriden	2.7 SW;RR	102	35 R1 L3 S6	80 oct.S blkd.P-lines SE.
Milford	1.5 SSW;RR NW	10	20 S1	80 oct.
Monroe	0.7 SSE;RR E	620	20 S4	80 oct. Rd W. Trees S
➙ [New Haven]	3.5 SSE;hwy N	4	42h S6	80,91 oct
RENTSCHLER Tower	254 (126.18)		CI	(3);126.18
Rentschler(E.Hart'd)	1 S;riv W	45	58h R1 L5 S6	80,91,100 oct.
Salem	2.1 E;lk NNE	400	21 L S6	80,91 oct.Trees S
Southington	3.5 NNE;RR W	200	21 S4	80 oct. Port lgts.
Stephenson (Bristol)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Trumbull(Groton)	2.8 SE;RR W	10	50h S4	80 oct.
Waterbury	2.6 S;RR E,W	843	20 S6	80 oct. (Plymouth)
Waterford	1.7 N;RR SSE	60	20 S6	80 oct.Trees,hill S.
Watertown	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on prior req.
West Haven	2.7 SW;hwy E	15	18 S4	80 oct.Trees NE, W blocked.
Windham	3.5 NNW;RR S	238	44h S1	80 oct.Trees NE,ENE.

MASSACHUSETTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
➙ Adams	1.3 SSE	1400	18	
Agawam Land & Seaplane Base	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
[Barnes] (Westfield)	3 NNE;RR W	268	50h R1 L5 S6	80,91 oct.
Bowles (Agawam)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S,SSE,NW,
➙ Brookfield's	1 W;RR SW	680	20 S6	80,91 oct. SW blkd. W.
East Brookfield	1 W;hwy N	640	15 S4	No fuel,no sto. Rough.
➙ Fair View Farm (Williamstown)	4 SW;riv E	954	17 S1	80 oct.Trees NE,NNE.
Gardner	2 SW;hwy N	1020	18 S4	80 oct.
Great Barrington	2 WSW;riv N	726	27 S6	80,91 oct.Obst sur fld.
Hiller(Barre Plains)	2 SW;riv W	589	25 S1	80 oct.
La Fleur(Northampton)	1.2 ENE;riv SW,N	120	26 S4	80 oct. No sto.
Metropolitan(Palmer)	5 N;riv W	400	19 S6	80 oct. Hill N.
(P) Orange	1.5 SE;hwy SE	555	50h S2	80 oct. Poles NE.
Pilgrim(Northampton)	9 N	120	16 S3	No sto. Data unver.
➙ Pittsfield,3B,AZ-BW	2.4 WSW;hwy NW	1160	27 L3 S4	80,91 oct.P-line NW.
Southbridge	1.7 N	700	27 S1	80 oct.Trees W,N
Springfield	2.3 NE;RR S	205	26 S6	80,91 oct.Bldgs W.
Stevens (N.Adams)	2.8 WSW;RR N	690	12	Emerg. only.
➙ Turners Falls (Montague)	4.2 N;riv NW	350	32 L S6	80,91 oct. Obst sur fld, Floods prior req.
WESTFIELD Range (Barnes)	230(WJ) (116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Rng	272 (DQ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower	396(126.18)+		CA(ILS)(GCA)	(3);126.18 (Appch cont.)
(A) Westover (Chicopee Falls) (A)	3.8 NNE;riv W	244	70h R3(L6)S6	73,91,100 oct. No sto.
West Springfield	2.2 WNW;riv E	50	18 S1	80 oct.

NEW HAMPSHIRE

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
➙ Claremont	1.3 W;riv NE	520	28h S6	80,91 oct.,Req. (Keene)
➙ Dillant-Hopkins	2 S;riv 0.8 W	481	40h L S6	80,91 oct.Flare pits prior
Brattleboro-Hinsdale (Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
Keene Airpark	3 NW;RR W	500	21	CLOSED
➙ Lebanon	3.3 WSW	579	40h L5 S4	80,91 oct.Lgts prior req
LEBANON MH Fac.	209 (LP)		MHW	
➙ Parlin (Newport)	2 NNW;riv SW	780	20 S4	80oct.NNE,ESE,SSW blkd

NEW JERSEY

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
➙ Sussex	1,2 WSW;RR S	420	25 S6	80 oct.200' knoll NNE.

NEW YORK

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Accord (NC)	0.7 N;RR S	260	19	PRIV.Trees S,NE,SW.
Aero Lake & Seaplane Base (Kingston)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S.
ALBANY Range	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany]	6.9 NNW;riv N	282	35h R2 L5 S6	80,91,100 oct.ARPT OF
✈ Amsterdam	6 N;rd NW	887	18 S6	80 oct,ltd 91 ENTRY. oct.Use strips only.
Arlington(Poughkeepsie)	1.5 E;RR E	280	18 S2	80 oct. P-line NE,trees SW.
AURIESVILLE FM	(- - - -)	302°, 27.2	FM	Albany.
(P) Ballston Spa	3 N;RR E	433	40h S4	80,91 oct.
Briggs (Carlisle)	0.6 SE;RR W	1320	12	
Catskill Valley (Catskill)	1.5 SW	100	26 S3	80 oct.Data unver.
Christie (New City)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
COLONIE LFM	(- - -)	206°,5.7	LFM	Albany
Cooperstown	1.4 NNW;RRSE	1660	16 L S4	80 oct.Pole S.Port lgts.
Cozine (Rhinebeck)	0.5 SE;RR W	200	20 S1	87 oct. Pole-line W.
Cliff Haven(Accord)	11 W;RR S	260	16 S1	80 oct.
➙ Croton Arpk.	4.8 SE;riv SW	280	13	Hill SW. (Peekskill)
East Greenbush	0.8 NW;RR W	260	43 L S6	80 oct.Port rnwy lgts.P-
East Hampton	2.5 W;RR S	40	25 S4	80 oct.No sto. line N.
(A) Elizabeth (Fisher's Island) (A)	W end Island	7	29h L4	No bcn.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N.
★ Ft.Plain Int,40A,CV-AZ	3 NNW;RR NE	720	35 L3	
Freedom Plains	2 W;rds N,E	340	11 S1	80 oct.Pwr line S.(Billings)
Fulco(Johnstown)	1 SE;hwy S	840	22 S4	80 oct.No sto.
GLENS FALLS MH fac	206(GB)(116.1)		MHTV	(4);116.1 Data unver.
Glens Falls	2.6 NW;rdS	474	36h S6	80 oct.
Glove City	1.5 NE;RR S	860	17 S1	80 oct. (Gloversville)
Halcott(Halcott City)	1 N		10 S1	80 oct. Data unver.
Hayduk (Herkimer)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Huguenot(Port Jervis)	3.3 NE;RR SE	480	21 S6	80 oct.Trees SW.
Intercity (Schenect'y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Kingston	1.5 NW;RR S	150	17 S4	80 oct.P-line NW.
(P) Kingston-Ulster	2.7 N;RR E	160	30 S4	80 oct.No sto.P-line E.
Lime Ridge(Beekman)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor	0.5 SE;RR W		21h S4	80 oct.;91 oct.req.Data
Long Meadow (Rexford)	1.5 NE;RR N,S W	380	20 S1	80 oct.E,NNE unver. blkd.
Mahopac	1 NNW;lake E		20 S1	80,91 oct.
Margaretville-Fleischmanns(Marg'v)	0.2 S;riv W		21 S4	80,91 oct.No sto.P-line NE. Data unver.
Mattituck	0.8 ESE;bay S	30	25 S6	80,91 oct. Poles N.
➙ MEDWAY FM				DECOMMISSIONED
Miller (Nyack)	1.8 WNW;riv E	70	17 S6	80 oct.No sto.P-line SW.
Millerton	1.5 N;RR W	1000	13 S1	80 oct.Trees N.
Montgomery	1 WSW;riv W	393	22 S6	80 oct.Trees N,brush E.
(A) Montgomery U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED.
Monticello-Sullivan County	1.4 S;RR E	1500	30 L S4	80 oct.No sto.Port rnwy lgts.Rnwy data unver.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4) ; 116.1
(P) New Hackensack	0.5 W	166	35h R1	Obsts NE.
New Paltz	0.8 W;RR E	190	20 S1	80 oct. NNE
Piseco	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Plateau(Northville)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S. Rough.
PORT CHESTER FM	(. . -)	42°,16.5	FM	La Guardia
Randall's(Middlet'n)	1.8 ESE	520	20 S2	80,91 oct. RR NW.
Ravena	1.2 N;riv 2 E	180	14 S1	80 oct. Lgt acft only.
Rockland(New City)	1 SSE;RR E	240	14	Trees W;Hwy E. (NC)
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW.
SARATOGA SPGS FM	(-)	28°,24	FM	Albany
(P) Schenectady Co.	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schuylerville,Land & Seaplane Base	2.5 S;riv E	100	29 S1	80 oct.Trees N,S.
Selkirk	2.7 E;hwy E	160	22	P-line E,trees S.
Sky Haven(Delanson)	0.9 NW;RR SE	1100	17 S2	80 oct.ESE,W blocked.
Somers	0.6 SE;RR E,S	563	20 S4	80 oct. No sto.
Spring Valley	0.3 E		19 S2	Fuel, Data unver.
Stanton's Newburgh Cub Port (Newb'g)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven(Middletown)	1.3 NW;RR SW, N	750	29	Trees SW, SE, NW.
Steenburgh Avia. Svc.(Gloversville)	1.5 ENE;RR N	900	8 S1	80 oct.
STEWART Army Rng	335(DMU)		MRLW	
STEWART Tower	396 (126.18)	125°,2.4	CA	(3); 126.18 (7-23)
(A) Stewart(Newburgh)	4 NW;hwy N	474	60h R1 L5 S6	100 oct. IP-1. (A)
Stone Arabia	3.6 ENE;hwy E	880	18	P-line NNW.(Ft.Plains
Stormville	1 ENE;RR S	350	23 S4	80 oct.No sto.Trees NE
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	(LG-UL)
★ Ticonderoga Int,22	2.7 NNE;rd E	210	32 L3 S1	80 oct. Obst sur fld.
Troy	2 SSE; lake N	327	30 L4 S6	80,91 oct.ENE,W blkd.
Valley Air Park	1.5 NNW	635	20 S4	Data unver.(Middleb'g)
Vaughan(Johnstown)	1 E;hwy W	760	18	Use in emerg only.
(A) Wallkill,U.S. Mil.Acad.#2 (A)	3 NW;riv E	340	35h	CLOSED
Wappingers Falls	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls)	2.4 NNE;rd N	325	40h R1 L5 S1	80,91 oct.
Warwick-Wickham	4.5 NE;RR W	540	24 S4	80 oct.Ridge N.
WESTCHESTER CO. Tower	260		C	(4)
(P) Westchester Co. (White Plains)	4 NE;lake W	435	50h R1 L5 S6	80,91 oct.P-line SSW.
White(Bedford)(NC)	3.6 SE;hwy E	475	12	
Wingdale	1.5 NE;RR W	400	25 S4	80 oct.No sto.ROUGH.
Wurtsboro	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.

PENNSYLVANIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Matamoras	0.5 SSE;riv SE	450	18h L4 S6	80 oct.No bcn.Lgts prior req.

VERMONT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Bennington	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Equinox(Manchester)	1 SE;riv E,N	700	18 S4	80,91 oct.
Fair Haven	1.5 NNW	370	20 S4	80 oct.
Hartness(Springfield)	3.8 NNW;riv E	570	20 S6	80 oct.
Rutland	5.8 SSE;hwy W	784	40h L3 S4	80 oct.No sto.All lgts
Twin State (White River Junction)	1 SW; riv, RR E	540	19h L S6	80,91 oct. prior req. Port rnwy lgts on req.
Post Mills (Thetford)	4.7 NNW;lake NE	700	25 S2	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ····· (0.79)	OM- -- (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ····· (0.72)	OM- -- (4.42)
					MMK-201 •— — —	OMK-219 — — —
BRADLEY	110.3	335	58°	IM-	MM- •—•—(0.66)	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS: FREQS. GUARDED, HRS. OF OPERATION
Island (Shelton,Conn.)	0.3 E;riv E,W		19 S4	80 oct.No sto.Data unver.
Duanesburg, (N.Y.)	0.3 S;hwy W,N	700	22	Sto.
Westchester (Armonk)	0.5 SSE	380	23 S6	80,91 oct. N.Y.
Prattsville (N.J.)	1 S	1200	16 S2	80 oct.Data unver.
➙ Ansonia (Conn)	1.6 ENE	440	18 S2	80 oct.
➙ Kline-Kill (Ghent,N.Y.)	2 NNW;crk E	380	18	Lgt acft only.N blkd.
QUABBIN (Army) H Fac	317 (D)	59°,8.5	FMHW	(Cont.) Westover
Silver Ranch (E.Jaffrey,N.H.)	1 E;lk 1 SE	1020	17 S1	80 oct.Trees SE,NW.
BRIDGEPORT Range	221(WQ)	231°,4	MRLW	(4) (Conn)
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct.Trees SE.
Jewett (Jonesville,N.Y.)	0.5 NE	340	22 S2	80 oct.
Middlebury (Vt)	2.5 SE;hwy W	440	17 S4	80 oct.
Duanesburg (N.Y.)	0.1 S	710	20 S2	80 oct.Bldgs E.Trees W
➙ Gardiner (N.Y.)	0.5 S;riv W	320	30 S4	80 oct.Data unver.
➙ Schoharie Co (Richmondv'l) (N.Y.)	1.3 NE;RR N	1000	16 S1	80 oct.Trees E.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

✈ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

➙ NEW OR REVISED DATA. (NC)-Not charted. (Jones) Airline Stop

ALBANY 55

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY ■ QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
MIDDLEBURY
POST MILLS
TWIN STATE
On request
GLENS FALLS 206 (116.1)
FAIR HAVEN
LEBANON(W) 209
RUTLAND
PISECO
WARREN CO
GLENS FALLS
HUDSON FALLS
LEBANON
NEW PORT
HARTNESS
CLAREMONT
SACANDAGA PARK
CORINTH
MOREAU
PLATEAU
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
EQUINOX
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO
JEWETT
FORT PLAIN
STONE ARABIA
LAURIESVILLE
ALBANY 365 (116.1)
BENNINGTON
KEENE
DILLANT-HOPKINS
BRATTLEBORO-HINSDALE
SILVER RANCH
SKY HAVEN
BRIGGS
STEVENS
INTERCITY
COLONIE
TROY
FAIR VIEW FARM
VT. N. H. MASS
GARDNER
COOPERSTOWN
SCHOHARIE CO
ALBANY 278 (118.3)
DUANESBURG
VALLEY AIRPK.
EAST GREENBUSH
SELKIRK
RAVENA
ADAMS
TURNERS FALLS
ORANGE
WESTOVER AAF 272
QUABBIN(W) 317
PILGRIM
HILLER
FARLYS
PITTSFIELD
KLINE-KILL
LaFLEUR
QUABBIN
WESTOVER AAF 396 (126.18)
E. BROOKFIELD
PRATTSVILLE
GREAT BARRINGTON
BARNES
METROPOLITAN
SOUTHBRIDGE
HALCOTT
CATSKILL VALLEY
MARGARETVILLE-FLEISCHMANNS
WESTFIELD 230 (116.1)
SPRINGFIELD
W. SPRINGFIELD
KINGSTON-ULSTER
COZINE
CANAAN
BOWLES
KINSLEY
WOODSTOCK
MILLERTON
BRADLEY 284 (126.18)
AGAWAM
KINGSTON
SIMSBURY
LIVINGSTON MANOR
WALLKILL NO. 2
AERO LAKE
CLIFF HAVEN
ARLINGTON
NEW HACKENSACK
SOUTHINGTON
WEATOGUE
RENTSCHLER 254 (126.18)
NEWBURGH-WALDEN
GARDINER
NEW PALTZ
FREEDOM PLAINS
STEPHENSON
HARTFORD 329 (116.1)
WINDHAM
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
LIME RIDGE
WATERBURY
MONTICELLO
MONTGOMERY
WURTSBORO
STANTON'S
STORMVILLE
WATERTOWN
MERIDEN 18
BRAINARD 278 (118.5)
SALEM
MONTGOMERY NO. 1
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
WATERFORD
STARHAVEN
HUGUENOT
RANDALL'S
DANBURY
ANSONIA
MONROE
DOANE
TRUMBULL
MATAMORAS
STEWART AAF 396 (126.18)
MAHOPAC
SOMERS
ISLAND
NEW HAVEN
HAMMONASSET
WARWICK-WICKHAM
SUSSEX
CROTON
WEST HAVEN
ELIZABETH AAF
BRANCHVILLE
WESTCHESTER
MILFORD
N.Y. 3 D.A.
CHRISTIE
SPRING VALLEY
BRIDGEPORT(W) 221
BRIDGEPORT 269 (118.7)
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 71
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK CO
WESTCHESTER CO. 260
LA GUARDIA 209

TO UTICA
TO ELMIRA
SYRACUSE 53
TO WILKES-BARRE
TO LAKE CAREY
TO CONCORD
BOSTON 57
BOSTON 263
BOSTON
NEW YORK
TO MOOSUP
STATUTE MILES 20 30

RADIO

MAINE

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
➤BRUNSWICK NAS			DECOMMISSIONED
PORTLAND	206(PW)(116.1)	BMRLZ-DTV,149°, 2.2	(4); 116.1
➤YARMOUTH FM (Navy)			DECOMMISSIONED

MASSACHUSETTS

BEDFORD (Army)	522 (DBH)	MH	Operates cont.
Bedford AAF	212(126.18,137.88)	CA	(3);126.18,137,88
BOSTON (Logan)	263(BW)(116.1)	SBRAZ-DTV	(3) ; 116.1
BRANT ROCK FM (Navy)	(- -)	FM, 141°, 20.2	Squantum NAS
EASTON FM (NAVY)	(- - -)	FM, 218°, 17.7	Squantum NAS
EVERETT LFM	(- - - -)	LFM, 298°, 4.2	Boston
FRANKLIN FM	(. . . - - -)	FM, 238°, 28.7	Boston
LOGAN (Boston)	278 (118.7 126.18,118.1)	AC:238°.1.4	(4), 122.5,126.18, 118.1. 118.7
PEABODY FM	(-)	FM, 31°, 9	Boston
SOUTH BOSTON LFM	(- - -)	LFM, 238°,4.7	Boston
➤SOUTH WEYMOUTH (Navy)			DECOMMISSIONED
South Weymouth NAF	3295 (142.74)	CN	(3),142.74,(8-1630,Mon-Fri.)
➤SQUANTUM (Navy)	233(NZW)	BMRLZ	(3):142.74 flt opers.
Squantum NAS	323(142.74)	CN(GCA);321°,3.7	3105,4495;142.74(8-30 min before sunset)

NEW HAMPSHIRE

BOSCAWEN FM	(- - - -)	FM, 332°,14.2	Concord
CONCORD	251 (CN)(116.1)	BMRLZ-DTV .332°,1.9	(4),116.1
GRENIER(Man - chester) (Army)	338(DUR)	SBMRAZ	(3)
Grenier Field	278(126.18)	CA(ILS),352 °,0.4	(3):126.18

RHODE ISLAND

CHARLESTOWN NAAS	269(142.74)	CN	3105;142.74 (0700-1800)
GREENE(Providence)	278 (118.9)	AC	(4); 118.9,122.5
PROVIDENCE (Greene)	347(PR)(116,1)	BMRLZ-DTV; 47°, 3.2	(3);116,1
QUONSET POINT (Providence) (Navy)	356 (NCO)	BMRLZ;339°,2,2	3105;142.74
Quonset Point NAS (Providence)	227(142.74) (126.18)	CN(GCA)	(3);142.74,140.58, 126.18

NEW RADIO FACILITIES

DEDHAM, Mass.	FM (. . - - -)	FM;238°,14.4	Boston
MOOSUP, Conn.	FM (- - - -)	FM;286°, 18.6	Providence
PROVIDENCE, R.I. Rng.	108.7(PR)	VARW	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5 ·:··	332.6	352°	IM- (0.03)	MM- ·····(0.71)	OM- (5.00)
					MMK 201 ·-·	OMK- 219 ··--
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

CONNECTICUT

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Foster(Stonington)	See Stonington under "New Airports" - name changed.			
➤Plainfield	1.5 SSW;RR NW	160	20 L S6	73,87 oct.Port rnwy lgts
* Putnam Int, 14,LG-BW	1.7 WSW;RR 1.4 E	460	22 L3	Emerg use.Trees NNE, SSW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) * ➤ NEW OR REVISED DATA

MAINE

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
↘Biddeford	2 SSW;RR NW	110	22	P-line SE.
(N)Brunswick NAS (N)	1.5SE;RR N	77	60h	CLOSED;
➤Douglas (Brunswick)	3.5 W;RR SE	170	16 S2	80 oct.
Hilltop (West Buxton)	0.8 WSW;RR S	300	22 S4	80 oct. Poleline ESE.
Kennebunk	1.6 SW	50	16 S1	80 oct.
Merrymeeting(Bow-doinham)	1 SSE;riv E	60	18 S1	80 oct. Trees N,S.
PORTLAND	2 W,riv E	60	43h R1 L5 S6	80,91 oct.
Port of Maine (South Portland)	1.8 SSW,RR E	40	28 S6	80 oct.Rnwy data unverified.
➤Riverside Airpark ↘(Brunswick)	1 WNW;riv E	60	20 S1	80 oct. Trees SSW,NNE
(P)Sanford	See Goodall under "New Airports" -name changed.			
Scarboro	2 W,RR SSE	20	25 S2	80 oct.
Stover (Freeport)	3.5 NNW	180	11 S1	80 oct.

MASSACHUSETTS

➤Ames (Brockton)	3 WSW;hwy W	120	20 S6	80 oct.SSE,WSW blkd.
Auburn	2 SW,RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Bedford AAF (A)	1 S	128	50hR2 L5S6	73,100 oct:JP-1.
(CG) Beverly	3 NW,lake E	108	50h L5 S1	80,91 oct.
Bolton (Clinton)	2.3 NE,RR W	400	17 S6	80 oct. Trees around fld. RR S.
Boston-Metropolitan (Canton)	1 W,riv W	50	21 S6	80 oct.Trees NW.
➤Brockton	2 S,hwy E	128	22 S6	80 oct.Poles E,W,N.
Cape Cod (West	2.1 SW, lk SW	100	25 S2	80 oct (W.Barnstable)
➤Clark(Hanover)	2.6 WSW;riv S	74	24 S6	80 oct.NE,NNE blkd.
Country Club(Ware-ham) (NC)	1.3 E,riv S	25	17 S4	80 oct.P-line,trees N
Chatham	1.7 WNW,lk E	66	14 S4	80 oct.P-line NW.
Eastham	1.2 NW;hwy E	50	20 S4	80 oct,FEE.Rnwy data unver.Smudge pots prior req.
Edgartown	2 S,rds E,NW	20	30 S4	80 oct. P-line E.
Falmouth (NC)	2.5 NE	40	18 S4	80 oct Data unver
Fitchburg	2.5 SE,bet RRs	334	45h S6	80 oct Knolls,dike S.
(A)Fort Devens AAF(A) (Ayer)	See Ayer, Mass under "New Arpts" - name changed			
Franklin-Norfolk (Norfolk)	2.5 WNW RR SSE,NW	140	20 S6	80 oct.Pole line S
Grafton (No Grafton)	0.7 SSW,riv N	450	30 S6	80 oct. Wooded hill S
Groton	4.6 WNW,RR W	280	28 S6	80 oct
➤Haverhill	2 NNE,lake S	125	16 S6	80 oct.Stack,trees SSW. P-line NW.
HYANNIS	1.2 N,RR E	56	39h L5 S6	80,91 oct.Lgts prior req
↘King (Taunton)	4.5 ESE,RR N	45	26 S6	80 oct.P-line NNE.
(P)LAWRENCE	2.5 ENE;riv W	155	40h L5 S6	80,91 oct.Trees NE,SSE
Leicester	2 N	1140	15h S4	80 oct. Reservoir SE
(NG)LOGAN (Boston) ↙	1.5 E in harb	12	70hR2(L6)S6	80,91,100 oct. Rdo rqrd FEE Ltd 80,100 oct, minor rprs for NG.
Mansfield	2 SSE,RR NE	124	25 S2	80 oct Pole line NWNE
➤Marlboro	2.4 E;hwy N	265	16 S4	80 oct.WNW blkd.
(N) MARTHA'S VINEYD. (Vineyard Haven)	4.3 S,rd S	68	38h L5 S4	80,91 oct.Lgts prior req Obsts SE side TMP INACT. NO NAVY FACS
Mendon	0.3 S,lake W	450	18 S4	80 oct. No sto P-line N,NW
Myricks (Berkley)	3 E;RR SW	65	20 S6	80 oct. SSW blkd.
NANTUCKET	2.6 SE,rd N	47	40h L S6	80,91 oct.Port lgts.
(P)New Bedford	2.5 NNW,RR W	78	50h L5 S2	No fuel.
North Shore(Essex)	See Cape Ann Airways, under "New Airports"-name change			
Norwood	1.8 E,riv E	55	40h L5 S1	80,91 oct.
Oak Bluffs	0.8 SW,rd W	20	20	Avail emerg only.
(N)Otis OLF(Falmouth)	9 NNE	126	70h	INACTIVE (N)
➤Plum Island (Newburyport)	2.3 SE,riv N	15	24 L1 S6	80 oct. Pole line E.
Plymouth	SSE	149	25	Data unverified.
Providence (Seekonk)	2.1 ESE,rd NE	25	17 S4	80 oct. Pole line NNE
➤Revere	1 N	20	21h L S6	80,91 oct. Fee for port lgts.Data unverified.

MASSACHUSETTS

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Richardson (Dracut)	2 NNW Lowell	115	21 S4	80oct.P-lineENE; No sto.
Shawsheen Pines (Billerica)	2.7 E,RR NE	110	24h S6	80, 91 oct.Ltd sto.Rnwy data unver.Trees NE,E,SE
Sherman Memorial (Mansfield)	See Clifford Sherman Memor'l under "New Arpts" - name changed.			
(N)South Weymouth NAF	1.5 SSE,RR W	152	45 R1 L5 S4	100 oct. B-2 lgts.
Spencer (N)	3.5 NNE	1040	17 S6	80 oct.
(N)Squantum NAS (N)	0.8 W,bay N	10	41h R2 S4	91,100 oct. No sto. No ngt flying.
Westboro	1.9 WNW,hwy N	310	13 S6	80 oct.
➤Wilkins (No Attle-boro)	2 NE,lake NW	200	18 S6	80,91 oct. P-line NW. Trees sur fld.
➤WORCESTER	3.5 W,;hwy N	1009	55h	Emerg only.

NEW HAMPSHIRE

➤Boire (Nashua)	2.8 WNW;RR NE	185	20h L3 S4	80,91 oct.Lgts prior req P-line S
➤CONCORD	1.5 E	346	40h R1 L5 S6	80,91 oct
Daniel Webster(Nash-ua)	3.8 NNW;riv E	195	25 S6	80,91 oct.ENE,NNW blkd.
➤Gate City (Nashua)	4 SSE;riv E	120	23 S6	80 oct.
(A)Grenier (Manchester)	4 S,RR E	230	70h R3 L5 S6	73,91,100 oct. (A)
Hampton	1.6 N,RR W	80	20 S5	80 oct. No sto.Trees N,S.
Hooksett Land & ➤Seaplane	2 S;riv E	187	32 S6	80 oct.
Laconia	3.8 NNE;lk 1 NNE	536	36h L5 S6	80,91 oct.Lgts prior req.
Lakes Region (Wolfe-boro)	2.6 W,RR E	580	14	CLOSED
Merrimack Bay(Con-➤cord)	5 NNW,RR W	260	15	PRIVATE. P-line S.
➤Plymouth Mun.Arpk	3.5 WNW;riv S	506	18 S2	80 oct.P-line N.
(P)Portsmouth	3 W,bay W	94	50h L5 S6	80,91 oct.
➤Wayside(Sommers-worth)	2.4 W;hwy E	212	15 S2	80,91 oct.No sto.ESE blkd.

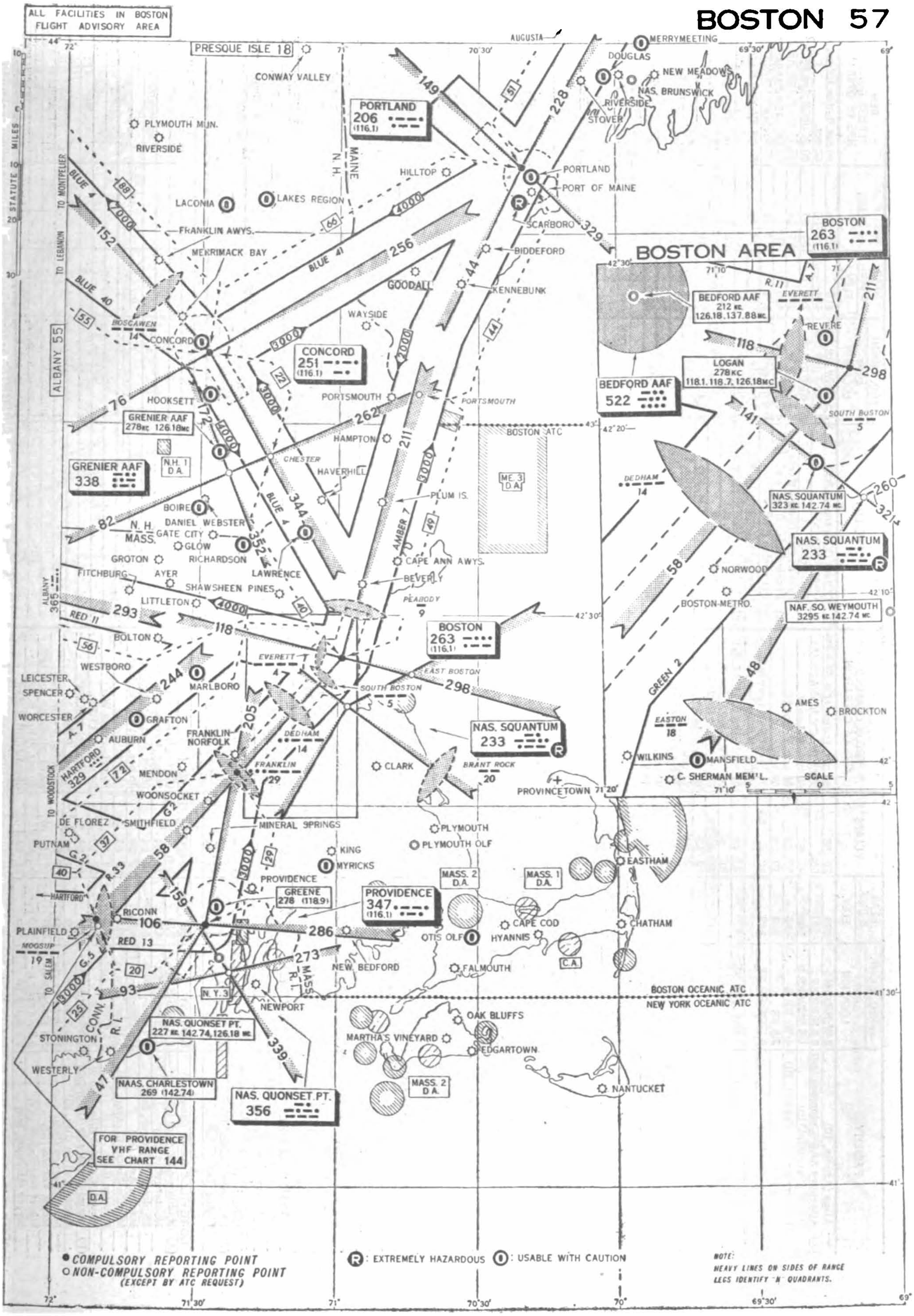
RHODE ISLAND

(N)Charlestown NAAS(N)	1.9 SW,hwy N	32	58h R1 (L5) S1	91,100 oct. No bcn.
➤GREENE(Providence)	7 S,RR W	53	41h R2 L5 S6	80,91,100 oct.
Newport Arpk	3.5 NNE	150	24 S6	80,91 oct, P-line NNE.
Mineral Springs (Providence)	4.6 NW,hwy E	240	11 S4	73 oct.No sto.Trees surround field
(N) Quonset Point NAS (Providence) (N)	16.5 S	14	60h R2 L5 S6	91,100 oct. NATS
Riconn (Greene)	1.8 WNW,RR S	390	20 S6	80 oct. Rnwy data unver.
Smithfield	1 NE,RR W	400	17 S6	80 oct. Flares on req.
Westerly	2.4 SSE	81	40h	Riv. E.
Woonsocket	2.5 E;riv WSW	400	20 S2	80 oct.

NEW AIRPORTS

(N)Plymouth, Mass.DLF (N)	4.5 SW	140	28	
(A) Ayer, (Mass.)	1.5 NW;riv W	268	52h S4	
Conway Valley (Conway,N.H.)	0.6 WNW; RR NNE	460	26 S5	80,91 oct. Poles SW.
➤Clifford Sherman Memor'l (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees sur fld. P-line NE.
Cape Ann Airways (Essex, Mass)	0.9 NNW,Riv E,SE.	20	14 S1	80 oct.
Provincetown Land Fld (Mass)	2 WNW	5	17 S4	Fuel.No sto.Data unver. Lgt planes.
De Florez (Woodstock,Conn)	2.4 SSE;hwy W	450	19 S4	80 oct.Trees N.
New Meadows (West Bath,Me)	2.3 WNW;lk W	40	12	PRIVATE.
Stonington (Conn)	1 NE;RR S	5	18 S6	80 oct.Lgt acft only. Rdo rprs.
Franklin Arways Inc	1.5 SSW;riv E	370	20	
Riverside (Ashland,N.H	4 NNW;riv W	470	20 S1	
(P)Goodall (Sanford,Me)	4 SE;hwy N	243	60h L5 S6	91 oct.Lgts prior req.

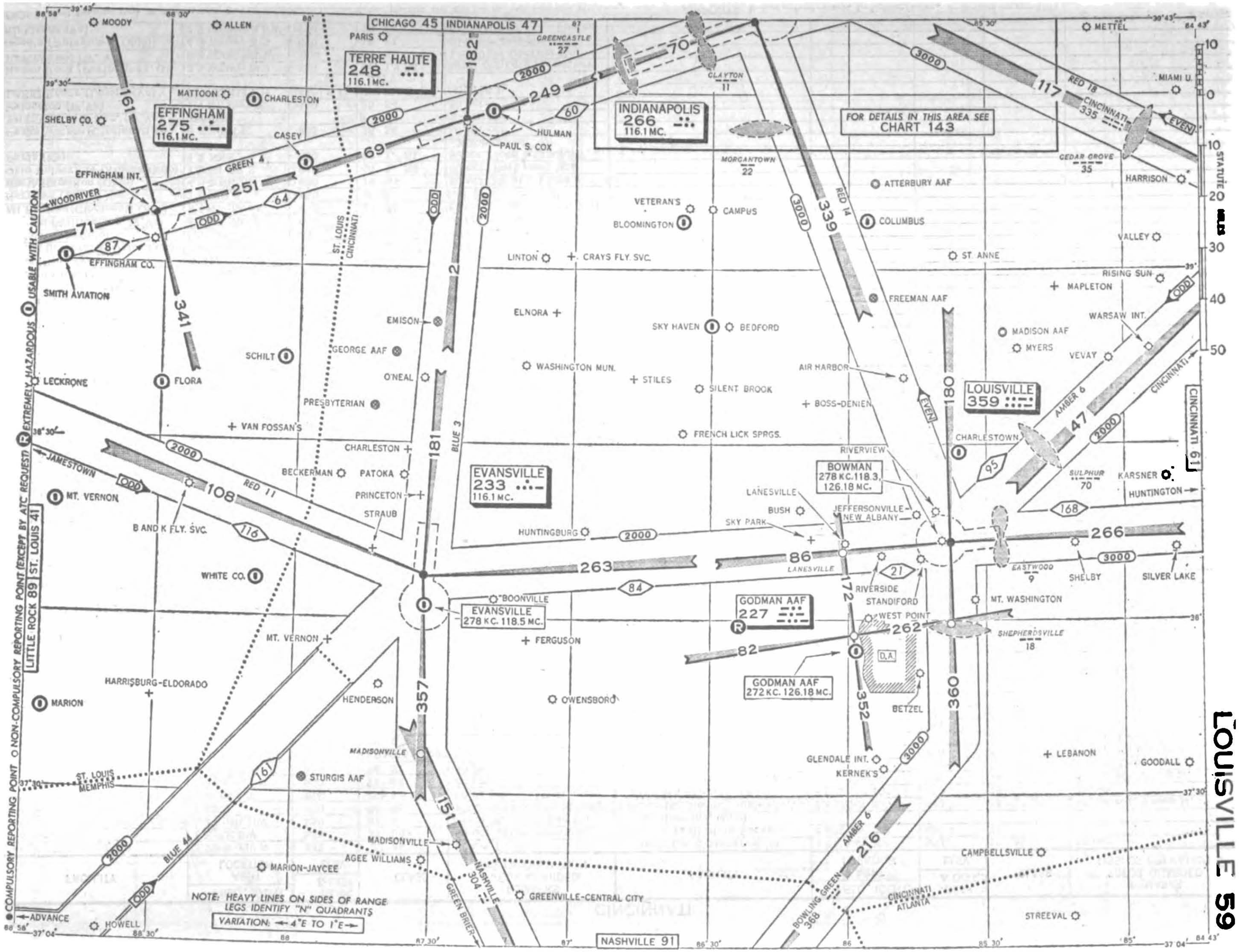
BOSTON 57


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
PLYMOUTH MUN.
RIVERSIDE
PORTLAND 206 (116.1)
AUGUSTA
MERRYMEETING
DOUGLAS
NEW MEADOWS
NAS. BRUNSWICK
RIVERSIDE
STOVER
PORTLAND
PORT OF MAINE
SCARBORO
HILLTOP
LACONIA
LAKES REGION
FRANKLIN AWYS.
MERRIMACK BAY
BIDDEFORD
KENNEBUNK
GOODALL
WAYSIDE
CONCORD
CONCORD 251 (116.1)
BOSCAWEN
HOOKSETT
GRENIER AAF 278 126.18
GRENIER AAF 338
N.H. 1 D.A.
PORTSMOUTH
HAMPTON
CHESTER
HAVERHILL
PLUM IS.
BOSTON ATC
ME. 3 D.A.
BOSTON AREA
BOSTON 263 (116.1)
BEDFORD AAF 212 126.18 137.88
EVERETT
REVERE
LOGAN 278 118.1 118.7 126.18
BEDFORD AAF 522
SOUTH BOSTON
DEDHAM
NAS. SQUANTUM 323 142.74
NAS. SQUANTUM 233
NORWOOD
BOSTON-METRO.
NAF. SO. WEYMOUTH 3295 142.74
BOSTON 263 (116.1)
EAST BOSTON
SOUTH BOSTON
NAS. SQUANTUM 233
AMES
BROCKTON
EASTON 18
WILKINS
MANSFIELD
C. SHERMAN MEM'L.
SCALE
BOIRE
DANIEL WEBSTER
N.H. MASS.
GATE CITY
GLOW
GROTON
RICHARDSON
AYER
FITCHBURG
LAWRENCE
SHAWSHEEN PINES
LITTLETON
BOLTON
WESTBORO
MARLBORO
LEICESTER
SPENCER
WORCESTER
GRAFTON
AUBURN
FRANKLIN NORFOLK
DEDHAM
FRANKLIN
MENDON
WOONSOCKET
DE FLOREZ
SMITHFIELD
PUTNAM
MINERAL SPRINGS
CLARK
BRANT ROCK
PROVINCETOWN
PLYMOUTH
PLYMOUTH OLF
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
RICONN 106
PLAINFIELD
MOOSUP
HARTFORD
NEWPORT
NAS. QUONSET PT. 227 142.74 126.18
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
FOR PROVIDENCE VHF RANGE SEE CHART 144
D.A.
MASS. 2 D.A.
MASS. 1 D.A.
CAPE COD
CHATHAM
HYANNIS
OTIS OLF
C.A.
NEW BEDFORD
FALMOUTH
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NANTUCKET
EASTHAM
TO MONTPELIER
TO LEBANON
ALBANY 55
TO WOODSTOCK
TO SALEM
STATUTE MILES
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
AMBER 7
GREEN 2
A-7
R-33
G-2
G-5
CONN. R.L.
MASS. R.L.
N.Y. 3
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Allen (Arcola, Ill)	2 W;RR,8 N	665	20 S6	80 oct. P-line N,E. W blkd.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT NO FACS (A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N.
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct. Port rnwy lgts. Trees N,Soft when wet
→ Boss-Denien (Salem, Ind)	3 WNW;RR NE	730	24 S6	80 oct. P-line S. Trees W.
• BOWMAN Tower (Louisville,Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
[Bowman] (Ky)	5.5 ESE	546	44h L5 S6	80,91 oct. No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct. Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct. Flares on req. P-line N,E,W.
(P) Columbus (Ind)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct. No bcn,no flood. Lgts on req
EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct.
* Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3	P-line E,SE. On req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind)	278 (118.5)		C	(4); 118.5, 122.5
→ [Evansville] (Ind)	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct. Twr W. Fld lgts on req. No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
→ Harrison (Ohio)	2 ESE;hwy .5 SW	580	26 L1 S6	80 oct. P-line S.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct. All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct. Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
INDIANAPOLIS Range (Ind)	266 (ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct. Poles SW.
→ Lawrenceburg (Ind)	See Valley under "New Facilities" - name changed.			
Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct. P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct. Flares on req. Derrick NW blkd.
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N,NE
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct. P-line N,NE, only Use strips.
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct. Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
→ Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct. P-line N,W.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct. Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct. P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct. N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct. P-line NE; trees N.
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.5 NNW;RR E	740	30 S1	80,91 oct. Poles SW,S,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St. Francisville,Ill)
→ Princeton (Ind)	0.8 E;hwy N	502	18 S2	80 oct. Water tank SW, Wires NW.
Riverside (Louisville, Ky)	7.5 SW;riv W	446	24 S4	80 oct. Hi-line E.
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S1	80 oct. Data unver.
→ Scottsburg (Ind)	See Air Harbor under "New Facilities" - name changed.			
Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct. Hi-line W,SW.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct. P-line E,NE,S. 80' hill W end WSW rnwy.
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE; poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver.
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct. P-line E,NW,SE.
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	18 S6	80 oct. Poles W.
Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct. Tree NE corner. Data unver.
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4 N		30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
NEW FACILITIES				
Agee Wms Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct. Pwrline W,SW
Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct. P-line NNE,NE,NE/SW
Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct. P-line SW,W,NW
Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE strip rough
→ West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct.
→ Crays Fly. Serv. (Bloomfield,Ind)	4 W		18	Data unver. Data unv
→ Boonville (Ind.)	0.5 NW	382	26 S2	80 oct. Wires W,N. Ditch SW
Sky Park (Corydon,Ind.)	1.5 NW	650	32 S1	80 oct. Wires E. Data unver.
Riverview (Utica, Ind)	2.8 SW;riv S;hwy N	447	27 S6	80 oct.
→ Lanesville (Ind)	2 SW hwy N	650	17 S4	80 oct. W blkd.
→ Rising Sun (Ind.)	0.5 N	500	22 S1	80 oct. Wires W. Data unver.
→ Air Harbor (Scottsburg,Ind.)	1.5 W;hwys N,E	570	25 S4	80 oct.
→ Valley (Lawrenceburg,Ind.)	1 WSW;riv S	485	20 S4	80 oct. Hills NNE,WNW.
→ Betzel (Lebanon,Ky)	1.6 NNW;RR E	445	20	Trees N,S
→ Patoka (Ind)	1.5 W;lake N,E	500	22 S1	80 oct. P-line S,SE

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHICAGO 45 | INDIANAPOLIS 47
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 143
LOUISVILLE 359
EVANSVILLE 233 116.1 MC.
BOWMAN 278 KC. 118.3, 126.18 MC.
EVANSVILLE 278 KC. 118.5 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
NASHVILLE 91
CINCINNATI 61
LOUISVILLE 59
MOODY
ALLEN
PARIS
GREENCASTLE 27
METTEL
MIAMI U.
MATTOON
CHARLESTON
SHELBY CO.
CASEY
HULMAN
PAUL S. COX
CLAYTON 11
MORGANTOWN 22
CEDAR GROVE 35
HARRISON
ATTERBURY AAF
COLUMBUS
VETERAN'S
BLOOMINGTON
CAMPUS
EFFINGHAM INT.
WOODRIVER
GREEN 4
ST. LOUIS CINCINNATI
LINTON
CRAYS FLY. SVC.
ST. ANNE
VALLEY
RISING SUN
MAPLETON
EFFINGHAM CO.
SMITH AVIATION
EMISON
ELNORA
SKY HAVEN
BEDFORD
FREEMAN AAF
WARSAW INT.
MADISON AAF
MYERS
VEVAY
SCHILT
GEORGE AAF
O'NEAL
WASHINGTON MUN.
STILES
SILENT BROOK
AIR HARBOR
LECKRONE
FLORA
PRESBYTERIAN
BOSS-DENIEN
VAN FOSSAN'S
FRENCH LICK SPRGS.
CHARLESTOWN
RIVERVIEW
JAMESTOWN
BECKERMAN
PATOKA
PRINCETON
STRAUB
LANESVILLE
BUSH
JEFFERSONVILLE NEW ALBANY
SULPHUR 70
KARSNER
HUNTINGTON
MT. VERNON
B AND K FLY. SVC.
SKY PARK
HUNTINGBURG
WHITE CO.
BOONVILLE
MT. WASHINGTON
EASTWOOD 9
SHELBY
SILVER LAKE
RIVERSIDE
STANDIFORD
WEST POINT
SHEPHERDSVILLE 18
FERGUSON
D.A.
BETZEL
MT. VERNON
HARRISBURG-ELDORADO
HENDERSON
OWENSBORO
GLENDALE INT.
KERNEK'S
LEBANON
GOODALL
MARION
MADISONVILLE
STURGIS AAF
ST. LOUIS MEMPHIS
AGEE WILLIAMS
MARION-JAYCEE
GREENVILLE-CENTRAL CITY
CAMPBELLSVILLE
CINCINNATI ATLANTA
STREEVAL
ADVANCE
HOWELL
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 1°E
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
LITTLE ROCK 89 | ST. LOUIS 41
STATUTE MILES
88°58' 39°43' 88°30' 88° 87° 86°30' 86° 85°30' 85° 84°43' 39°30' 38°30' 37°30' 37°04'

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy.
Blue Grass (Lexington, Ky)	6 W;hwy N	978	40h L5 S6	80,91 oct. Data unver.
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW.
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1 DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE	860	29 S6	80 oct. (Ohio) NE blkd,P-line N.
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi end Rnwy 22(8-1630, Mon.-Fri.or on 30 min not.
CLINTON CO.Tower (Ohio)	272 (126.18, 140.58,116.1)		CA (ILS-W) (GCA)	(3);126.18,137.7,116.1. Trans.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct.Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(126.18,118.5)		AC (ILS)	(4);126.18,118.5,122.5 Call:
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) Kenton Twr.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Happy Landings (Morrow,Ohio)	2.4 ESE;RR S	880	28	Area SE unusable.
Harrison (Ohio)	2 ESE;hwy.5 SW	580	26 L1 S6	80 oct.P-line S
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E. 80 oct.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E. (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116.1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford, Ohio)	2 SE;RR 1 W	670	20 S6	80 oct.No sto.P-line N,S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E.
Lancaster (Ohio)	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto.(Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) Lunken (Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	73,91,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	615	27 S2	80 oct.
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct.
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW.
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW. NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4): 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct.Lgtg fac not ver.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE Rdo re-pairs
Richlands (Va)	2.7 WSW;RR NW	1950	18 S6	80 oct.Hill E.
Roane Co. (Spencer,W,Va)	1 SE;hwy NE	954	17 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct. P-line SE.
Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski (Ohio)	1 SSW;RR NW	705	22	Trees,hill NE,SW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

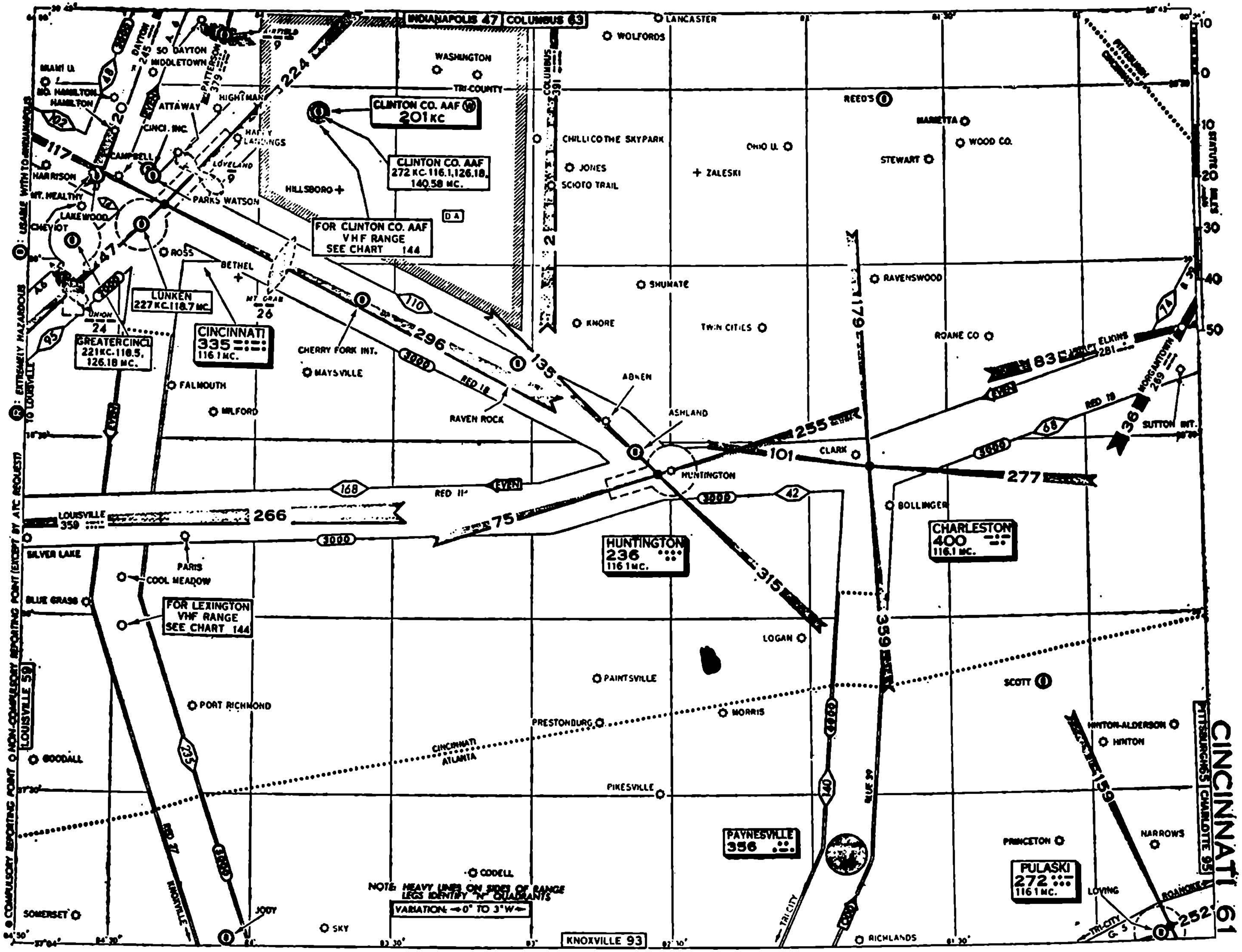
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- •—•—(0.6)	OM- ——(4.3)
					MMK- 206 •••—	OMK- 215•—•—
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Pikesville (Coal Run,Ky)	0.8 ESE		22 S1	80 oct.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.
Paintsville (Ky.)	2.3 ENE;RR E	630	16 S2	80 oct.Ctn.Mtns NE,W,SW.
Port Richmond (Richmond,Ky)	4.6 E;hwy S	975	18 S1	80 oct.
Ross (Melbourne,Ky)	1.4 ESE;riv NE	475	20 S2	80 oct.P-line SE.
Prestonburg (Ky)	2.7 N;RR W	575	18 S2	80 oct.P-line S.Mtns all sides.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3165, 4495, 6210 kcs. (4) - 3165, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 122.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.55, 140.55 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


INDIANAPOLIS 47 COLUMBUS 63
CINCINNATI 61
CLINTON CO. AAF 201 KC
CLINTON CO. AAF 272 KC. 116.1, 126.18, 140.58 MC.
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
LUNKEN 227 KC. 118.7 MC.
CINCINNATI 335 116.1 MC.
GREATER CINCI 221 KC. 110.5, 126.18 MC.
HUNTINGTON 236 116.1 MC.
CHARLESTON 400 116.1 MC.
PULASKI 272 116.1 MC.
PAYNESVILLE 356
FOR LEXINGTON VHF RANGE SEE CHART 144
KNOXVILLE 93
CHARLOTTE 95
PITTSBURGH 65
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 3°W
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
USABLE WITH TO INDIANAPOLIS
EXTREMELY HAZARDOUS TO LOUISVILLE
STATUTE MILES
LANCASTER
WOLFORDS
WASHINGTON
TRI-COUNTY
REED'S
MARIETTA
WOOD CO.
STEWART
CHILLICOTHE SKYPARK
OHIO U.
JONES
SCIOTO TRAIL
ZALESKI
HILLSBORO
SHUMATE
RAVENSWOOD
KNORE
TWIN CITIES
ROANE CO
ASHLAND
ABNEN
CLARK
HUNTINGTON
BOLLINGER
SUTTON INT.
MORGANTOWN
CLARKSBURG
ELKINS
RAVEN ROCK
CHERRY FORK INT.
MAYSVILLE
FALMOUTH
MILFORD
ROSS
BETHEL
MT. CRAB
LAKEWOOD
CHEVIOT
HARRISON
MT. HEALTHY
CAMPBELL
CINCI. INC.
ATTAWAY
HIGHTMAN
HAPPY LANDINGS
LOVELAND
PARKS WATSON
SO. HAMILTON
HAMILTON
MIDDLETOWN
SO DAYTON
DAYTON
PATTERSON
MIAMI U.
LOUISVILLE 359
SILVER LAKE
BLUE GRASS
PARIS
COOL MEADOW
PORT RICHMOND
GOODALL
SOMERSET
JOOY
SKY
CODELL
LOGAN
PAINTSVILLE
PRESTONBURG
MORRIS
PIKESVILLE
CINCINNATI ATLANTA
SCOTT
HINTON-ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
TRI-CITY
RICHLANDS
BLUE SKY
TRI-CITY
ROANOKE
LOUISVILLE 59
RED 11
RED 18
RED 19
EVEN
DA
3000
4000
5000
6000
10000
75
110
135
168
179
201
224
255
266
277
296
315
359
83
101
117
147
159
235
252
10
20
30
40
50
36
42
68
74
95
122

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58.116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	MHW	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,86°, 1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1

WEST VIRGINIA

CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75°. 2.3	(4):116.1
PAYNESVILLE	356 (IR)	H	(6-23) Oper by PCA

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-	
					MMK-	OMK-	
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM- - - -(4.29)	
					MMK-	OMK-	
PORT COLUMBUS	109.5		95°	IM-	MM- ·-·-(0.65)	OM- - -(4.50)	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

→ Briggs (Zanesville)	6.4 NNE;riv W	780	18 S2	80 oct. P-line N,E.
→ Cambridge	2 N;RR 1 W	800	27 L3 S6	80 oct.Hill,trees ESE,SSW.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
→ Commerce (Zanesville)	6.5 N ;riv 1.5 E	800	29 S6	80,91 oct.
Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
→ Grimes (Urbana)	1.5 N,RR W	1055	35 L5 S6	80,91 oct. Fld lgts prior req.P-line E,
Grove City	1 S, RR W	860	21 S6	73,80 oct. No sto.Poles W. SE,SW.
→ Jones (Chillicothe)	7.2 SE,RR SW	720	24 S2	80 oct.P-line E.
→ Knore (Minford)	2 SE;RR 1 W	670	20 S6	80 oct. No sto. P-line N,S.
→ Lancaster	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S2	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR 1 NW	880	24 L3 S4	80 oct,S blkd.
(P) New Philadelphia	2.5 SE;riv .5 SW	885	36 S6	80 oct. P-line &obst sur fld
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	817	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	25 S2	80 oct.N,NE blkd.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
→ Raven Rock (Portsmouth)	3.5 WSW;riv SE	538	24 L3 S6	80,91 oct. P-line NW.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
→ Riverside (Zanesville)	3.4 NNE,RR W	700	40 S6	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W;hwy E	1220	19	Emerg only.
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E,NE,W blocked.
→ Zaleski	1 SSW,RR NW	705	22	(NC)Trees,hill NE,SW
(P) Zanesville	6.2 E;hwy 1 N	902	50h R1 L5	Fld lgts prior req.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW,riv E	630	15h S1	80 oct.Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION
TO FORT WAYNE

CLEVELAND 49
CEDAR LAWN
MARION
+VOSS
MT. LIBERTY
WYNKOOP
CLEVELAND CINCINNATI
COLUMBUS 391 (116.1)
OHIO STATE U
GRIMES
SPRINGFIELD
93
CRABILL
SPRINGFIELD
HILLIARD
CLICKENGER
GROVE CITY
SULLIVANT AVE.
272
LOCKBOURNE AAB 317 (126.1R)
WASHINGTON
TRI-COUNTY
On request
CLINTON CO. AAF 201
CLINTON CO. AAF 272 m. 118.1, 126.1R, 137.8R, 140.5R m.
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
CHILLICOTHE SKYPARK
JONES
CINCINNATI 61 INDIANAPOLIS 47
MT. ORAB
CHERRY FORK
335
RED R.
MAYSVILLE
OHIO KY.
RAVEN ROCK
KNORE
SHUMATE
RAVENSWOOD
OHIO W. VA.
ABKEN
ASHLAND
HUNTINGTON
HUNTINGTON 236 (116.1)
LOGAN
W. VA.
MORRIS
RESTORBURG
CINCINNATI ATLANTA
CINCINNATI 61
PAYNESVILLE 356
PRINCETON
SCOTT
BOLLINGER
CHARLESTON 400 (116.1)
ROANE CO. 281
OHIO U.
REED'S
MARIETTA
WOOD CO.
STEWART
NEW PHILADELPHIA
CLEVELAND PITTSBURGH
CAMBRIDGE
GREEN 4
BRIGGS
COMMERCE
SUMMIT STA
SNOOR
NEWARK
PORT LANCASTER
LANCASTER
PORT COLUMBUS-MAS 278 (118.5, 126.1R)
NORTON
PRICE
RIVERSIDE
ZANESVILLE
ZANESVILLE 263 (116.1) On request
CROOKSVILLE
MAGNOLIA
BLUE 15
AMBER 6
10 AIRWAYS
45
205
85
264
255
CLARK
101
277
179
359
75
315
83
PITTSBURGH 65
PITTSBURGH CINCINNATI
STATUTE MILES
TO DETROIT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126 18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	(Cont.) Pittsburgh
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 E;reservoir E	1500	18 S6	80 oct.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct. Mtns SW. Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct. JP-1. No sto.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E;RR NW	1100	32 S6	80 oct.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1200	17	Poles NW.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct. Rnwy data unver.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct. Data unver.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S5	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	998	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	770	16 S4	80 oct.P-line S.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1254	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) - (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;hwy N	1280	26 L3 S6	80 oct.Twr W.No bndry lgts.
Pitt-Wilkins (Pitcairn,Pa)	1 NNW	1200	17 S2	80 oct.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct. P-line E.
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona
Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22	
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW;RR E	1000	21 S2	73 oct.P-line NW|data unver.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE; riv 2 W	1193	50h L5 S4.	80,91 oct. Lgts prior req.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK 201 - - - - (0.80)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel.Data unver.
WHEELING Range(W.VA)	108.3(WN)		VARW	
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt.S.Trees WSW, N,ENE
New Market-Timberv'l	3.4 E;RR E	975	21 S1	80 oct.(Timberville,Va)
Luray (Va)	1.5 S;hwy W	900	19 S1	80 oct.Fence NNE,SSW
Elkton (Va)	3 NW;mtn W	1100	19 S1	80,91 oct P-line SW
Culpeper (Va)	1 SW;quarry W	400	17 S6	80 oct P-line NE,SW

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+ Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→← NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓓ : USABLE WITH CAUTION

BUFFALO 51

PITTSBURGH 65

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

STATUTE MILES

TO NEWARK

TO LISBON

TO HERNDON

TO CHARLESTON

TO RONCASTER

TO REMINGTON

TO RICHMOND

WASHINGTON 67

COLUMBUS 63

CHARLOTTE 95

NORFOLK 97

RED 20 · AKRON 362 · 305 · L LIVERPOOL · RED 21 · 128 · 4000 · 43 · TO MERCER · BLUE 2 · 3000 · 65 · ALLEGHENY VALLEY · LEECHBURG · VANDERGRIFT · HAMILTON · 79° · 79°30' · 63 · 4000 · STULTZ · TYRONE SPDWY · 78°30' · 40°40' · 40°30'

CLEVELAND 344 · AKRON · HERRON · HOOKSTOWN 32 · TORONTO · GREATER PITT. AAF 396(126.18) · NEW ALEXANDRIA 30 · RED 21 · 265 · 203 · NORTH ALTOONA · HUNTINGDON · MT. UNION

RED 17 · WEIRTON · MAYER · PITT-WILKINS · KEYSTONE · CRESSON · SUMMERHILL 22 · ALTOONA · 18 · NEW ALEXANDRIA · 69 · PITT. BETTIS · HARRISON CITY · 101 · 281

CECIL 10 · LATROBE · 5000 · JOHNSTOWN · GREEN 4 · SALIX · BLAIR CO · 20 · 63 · 26

WELLSBURG · 3000 · 38 · PITTSBURGH 254 (116.1) · ALLEGHENY CO. 278 (118.7, 126.18) · PITT.-GREENSBURG · 4000 · ALTOONA 338 (116.1)

COLUMBUS 391 · WHEELING OHIO CO · CECIL (W) 219 · STAR VALLEY · MT. PLEASANT 25 · BEDFORD · 43 · BLUE 47 · 42 · 8000 · 37 · 216 · 5000 · SOMERSET · 40°

FOR WHEELING VHF RANGE SEE CHART 144 · GLENDALE · CONNELLSVILLE · RED 20 · 304 · 23 · 5000

GREEN CO · 140 · MORGANTOWN 269 (116.1) · 52 · PA / MD · FLINTSTONE · 37

OHIO W. VA · MORGANTOWN · CUMBERLAND · MEXICO FARMS · MD W. VA · 4000

39°30' · PITTSBURGH CINCINNATI · 74 · BLUE 39 · 7000 · + FORMAN · PITTSBURGH WASHINGTON · MARTINSBURG 209 (116.1) · RED 6 · 101

BENEDUM · 174 · RED 18 · 320 · ELK GARDEN · BAKER · 73 · ROMNEY · RIDGEWAY

ELKINS 281 (116.1) · 3000 · 55 · 6000 · WINCHESTER · 35 · 212

LOUIS BENNETT · 36 · 3000 · 47 · 41 · MOOREFIELD · 6000

39° · LEWIS · 41 · 6000 · 270 · 94 · 5000 · STOKES

ELKINS · 7000 · RED 18 · PETERSBURG · FRONT ROYAL 359 (116.1) · 26

68 · RED 18 · 83 · SUTTON · 5000 · NEWMARKET-TIMBERVILLE · LURAY · SHENANDOAH · CULPEPER

38°30' · CINCINNATI WASHINGTON · 354 · HARTMAN · ELKTON · GORDONSVILLE 388 (116.1) · 37 · RED 39

CHARLESTON 400 · 277 · MARLINTON · W. VA. VA. · STAUNTON · GORDONSVILLE · 135 · ORANGE CO

WAYNESBORO · VALLEY · AUGUSTA · 6000

38° · CINCINNATI ATLANTA · INGALLS · UNIV OF VIRGINIA · 315 · R-33 · 63

71 · GREEN 5 · 66 · COVINGTON-CLIFTON FORGE · RONCEVERTE · GREENBRIER AAF · COVINGTON · LEXINGTON · 165 · GORDONSVILLE

HINTON · 234 · 76 · 41 · JAMES RIVER · 4000 · RED 37 · 5000

37°30' · 169 · ROANOKE 37 · 243 · 7000 · TIMBERLAKE · LYNCHBURG 206 (116.1) · 37°30'

80°30' · BUFORD · 90 · PRESTON GLENN 249 · 78°30'

37°20' · NARROWS · 78°

DELAWARE

FACILITY	ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bellanca (New Castle)	1.5 W	30	25h L1 S5	80,91 oct.Poles N.
Biggs (New Castle)	1 NW;riv SE	60	21 S2	80 oct. Riv S. NW.
Bridgeville	1.7 SE;hwy S,W	40	22 S6	80 oct.No sto.P-line
→ DOVER Tower				DECOMMISSIONED
Dover	1.4 ENE	34	19 S2	80 oct. P-line N.
Dover Arpk.	2.2 N;rd W	37	25 S2	80 oct.
(A) Dover AAF (A)	4 SE;hwy E	28	70h	TMP INACT.NO FACS
DuPont(Seaford)(NC)	0.8 WSW;RR NE	25	21	Poles NE.PRIV.RST'D
DUPONT Tower	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont(Wilmington)	3 WNW;RR E	185	29 R1 L5 S6	80,91 oct.SW blkd.
(P) Georgetown	1.5 E;RR NW	51	50h	
Harrington	1.8 E;RR W	50	25 S2	80 oct.
Holly Brook(Laurel)	1.5 N;RR,hwy W	40	25 S1	80 oct. P-line SE
Laurel	1.5 SW;hwy E	30	19 S2	80,91 oct. cept on req.
NEW CASTLE Range	350 (NC)	19°,2.8	MRLZ	Replies on twr freq ex -
NEW CASTLE Tower	219 (118.5)		CI	(4);116.1,118.5,122.5
(NG) New Castle County (Wilmington)	4.8 SW;hwy SE	75	70h R2 L5 S1	73,100 oct NG,emerg repairs only for mil acft
Rehoboth Beach Aircrafters	2.5 W;hwy N	10	35 L S6	80,91 oct.Obsts sur fld.Port rnwy lgts.
Sussex (Frankford)	1.5 N;hwy W	30	20 S4	80 oct.Port flares on req.

DIST. OF COLUMBIA

WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1

MARYLAND

→ Aberdeen Arpk.	0.8 SW;hwy SE	60	24 S4	80 oct.
Aldino(Churchville)	2.2 NE;RR SE	400	20 S6	80 oct.
Andelot(Worton)(NC)	4 WNW;bay W	25	20	Trees N.
ANDREWS Range (Camp Springs)	248(DCM)	10°,1.2	MLZ	
→ ANNAPOLIS NAF (Seaplane Tower)	2870(142.74)	90°,1.5	CN	3105,2870,6420;142.74 (8-17)
Annapolis	2 S	25	18h S4	80,91 oct.P-line SSW.
→ BALTIMORE Range	257(BO)(116.1)	12°,2.4	BMRLZ-DTV	(3);116.1,122.1 Twr SSE
BALTIMORE Tower	278(118.9,126.18)		C	(4);118.9,122.5,126.18
(NG) [Baltimore Mun.]	6 SE;RR NE Harbor S	14	46h R2 L5 S6	Ltd 100 oct,no maint NG.Rdo rqrd.Stacks
BELTSVILLE FM	(-)	41°,17.6	FM	Washington,D.C. N,SE
CAP (Westminster)	2.6 N;hwy E	780	20 S4	80 oct.P-line E,NE
Delmarvia(Salisb'y)	2.8 NE;hwy W	45	21 S6	80 oct.P-line N,E,NE
Diffendahl(Baltimore)	11 ESE;riv S	20	23 S2	80 oct.Trees all appchs
Dixie (Annapolis)	10.7 W;riv SW.	120	22 S4	80 oct.Hwy N,W.
(P) Easton	2.2 N;RR E	66	40h L S4	80 oct.No sto.Port lgts
(A) Edgewood Arsenal(A)	1.3 S	18	50h L5 S4	91,100 oct.No bcn.CLSD
→ Faybrook(Rock Hall)	1.5 NNW;bay W	20	14 S1	80 oct.Trees WNW,NNE
Frederick City	1.8 E;riv N,E	305	49	(Frederick) ESE.
Glenburnie-Whipp	1 E;hwy W	56	30 S6	80 oct.E,W clr NW blkd.
Gill (Chestertown)	1.5 NNE;RR W	60	32 S2	80 oct.P-lines W,SW
Hagerstown	4.2 N;hwy E	700	39h L3 S6	80,91 oct.Lgts on req
Hickman(Ocean City)	7.5 NW;riv S	15	25 S4	80,91 oct.Flares
Kent (Worton)	1 N;RR S	60	23 S2	80 oct. on req.
Lee Annapolis (Annapolis)	4.8 WSW;hwy E	30	28 S1	73,91 oct.P-line ESE Rnwy data unver
MARTIN Tower	317		CI	(4)(8-sunset,Mon-Fri)
Martin (Baltimore)	10 E;RR N	18	70h R1	PRIVATE.
Mattaponi Sky Club(Croom)	1.6 SE;hwy 1 W	30	31 S1	80 oct Flare pots on req
Midway (Showell)	1.1 SE;hwys W,S	20	30 L S4	80 oct P-line SSW
PATUXENT RIVER Navy Range	215(NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER Tower	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent Riv.NAS(N)	2.9 NE Jarboes	38	97h R2(L6)S4	91,100 oct.JP-1.NATS.
PHILLIPS Tower	215(126.18)		CA	(3);126.18 (8-18 Mon.-Fri.8-1630 Sat.& Sun)
(A) Phillips(Aberdeen)	3.2 S;RR W	57	50h R1 L5 S1	72,100 oct.Closed (A)
Pimlico(Baltimore)	6 NW;hwy SW	449	32 S6	91,80 oct.
(N) Piney Point	0.8 WNW	10	14h S1	73 oct.Use rnwys only
Rutherford(Baltimore)	7 W;RR W	500	23 S6	80 oct. Twr N.
Salisbury	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Shady Side (NC)	1.8 SSW	10	15	P-line SSW.RR W
Stevens(Frederick)	5.8 N;hwy E	440	28 S6	80 oct.NE blkd.
Taneytown	2.9 WNW	500	23 S4	80 oct.SW blkd.
Webb (Easton)	2.5 E	50	26 S6	80 oct.No sto.P-line S,
WEBSTER Tower	3345 (142.74)		CN	3105;142.74 (24 hrs.advance notice) SE
(N) Webster (Priest Point) (N)	1.5 W Ingoes	21	50h R1 S1	Ltd 100 oct.JP-1 on req

NEW JERSEY

→ Alexandria(Pittst'n)	2 WNW;lk NE	340	18 S4	80 oct.Trees ENE,
Buck's (Bridgeton)	3.7 NNE;RR S	100	18 S4	80 oct.P-line S,W
Greenwich	2.5 W;riv SW	30	21 S6	73,80 oct.Trees N.
Kroelinger(Vineland)	2.5 NNW;RR E	100	19 S6	80 oct.P-line S,E
MILLVILLE Range	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville	3.3 SW;lk N	68	50h R1 L5 S6	80,91oct.Fld lgts on req
→ Penns Grove	3 SE;lk ENE	10	25 S4	80 oct.Obst sur fld.
Salem	2 ESE;rd S	15	22	CLOSED.
→ Woodstown	5 NW;hwy N	100	22 S4	80 oct.Hedge SSE.

PENNSYLVANIA

→ [Allentown-Bethlehem](Allentown)	4.6 NNE;RR NW	392	40h R1 L5 S6	80,91 oct.Use rnwys only.Fld lgts pri.req.
Berks (Reading)	4.5 NW;hwy SW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton)	4.5 SW;riv S	360	23 S6	80,91 oct.No sto. P-line sur fld.
BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia.
Cargill(Granville)	1.5 SW;RR SE	490	20 S6	80 oct.Obsts sur fld.
CARLISLE FM	(- - - -)	284°,18	FM	Harrisburg.
Carlisle	1.8 WSW;RR N	480	23 S2	80 oct.
Centerville(Carlisle)	11.3 SW;RR N	660	23	Trees E,NE. (NC)
Chambersburg	1.2 SSE;RR SW	650	22 S6	80 oct.E/W strip rough
Coatesville	1.6 W;RR S	623	26 L1 S4	80 oct.Obsts sur fld.
Convair(Allentown)	3 SSW	399	40h	
Devener(Hanover)	2 NNE;hwy W	590	20 S6	73,80 oct.
Doersom(Gettysb'g)	2.4 NW;RR N	590	19 S6	73 oct.Pwr line NE.
Estler(Mohrsville)	3.5 W;pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville	0.7 E;RR SE	460	22 S4	80 oct.No sto.P-line SW
Gettysburg	2.8 NNW	600	24 S3	80 oct.No sto.RR SW.
HARRISBURG Range	242(HX) (116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
→ HARRISBURG Tower	278(126.18,118.7)		AC	(4);116.1,118.7,122.5
(N) [Harrisburg State]	3.5 S;RR N	344	40h R2 L5 S4	80,91 oct.Svcg days
Hershey	1.1 NNW;RR S	415	21 S2	80,91 oct. NATS
Kutztown	1.5 S;RR SE	400	25 S4	73 oct.
Lancaster	1.5 NNW;RR SW	320	26 S6	73,80 oct.Pwr line W
Lancaster,35,CO-PG	5.5 N;hwy W	385	27h L4 S4	80 oct.Poles S,WSW.
Layfield(New Hanover)	2 NE;hwy W	320	17 S6	80 oct.Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct.
Lewistown	4 SW;riv SE	560	20 S6	80 oct. P-line NW.
Madeira(Reading)	3.2 N;RR W	360	20 L S6	80 oct.Port flood lgts.
MIDDLETOWN FM	(- -)	118°,9	FM	Harrisburg.
Millard(Annville)	1.5 SW	480	18h S5	80,91 oct.
(P) Mount Union	4 S;hwy E	560	30 S4	80.91 oct.
New Hanover	0.5 W;hwy SE	300	18 S2	90 oct.
OLMSTED Tower	396(126.18) +		CA:45.05	(4); 126.18
(A) Olmsted(Middletown) (A)	1 W;RR N	300	50h R1 L5 S6	62-100 oct.JP-1.Poles N,NE. Riv S.
Penn-Harris (Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct.Flood lgts.
PHILADELPHIA Rng (Southwest)	266(PG)(116.1)	97°,3	SBMRAZ-DTV	(4); 116.1
Philadelphia Main (Paoli)	2.8 WNW;hwy S	310	21 S4	No fuel.P-line ESE.
Pottstown	4.5 E;hwy N	311	30 S6	80 oct.Bldg NW.
(A) [Reading]	3 NW;riv E	342	52h L6 S6	80,91 oct.B-2 lgts prior req.
Reigel(Campbellt'n)	1 N;hwy N	475	20 S4	80 oct.
Schuylkill(Pottsv'l)	8.3 ESE;lk SE	510	29 L S6	80 oct.Port rnwy lgts. Hills E,NE,SW
SEVEN VALLEYS FM	(- - -)	172°,25	FM	Harrisburg
Sky View Acres (Muncy)	1 E	510	24 S4	Data unver.
Sunset Arwys (Chambersburg)	3.5 NNE;rd E,S	650	25 S1	80 oct.P-line E,NNW.
Swatara Valley	4 WSW;RR N	480	21 S4	80 oct. (Pine Grove)
Taylor(New Kingston)	0.5 SE;hwy N	440	28 S6	80 oct.P-line N.
Valley Arpk(York)	3 ENE;RR N	420	21 S6	80 oct.Poles SSE,
Waynesboro	3 SE;hwy N	700	20h S6	80 oct. NNW.
West Chester	2.5 NE;lk S	470	32 S4	80 oct.
Womelsdorf	3 NW;hwy E	540	13 S1	73 oct.
York	8.3 WSW;RR E	500	19 L S6	73,80 oct.Flood lgts. Pole N.

VIRGINIA

FACILITY	ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
→ ARCOLA Range	333(EC)(116.1)		SRAZ-DV	(3);116.1
Blue Ridge (Herndon)	4 WSW;hwy NE	280	30	P-line E.
Central(Richmond)	2.5 ENE;RR W	172	45 S6	80 oct.Poles WNW,SE.
CHESTER FM	(- -)	218°,5.15	FM	Richmond
→ CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105,4495; 142.74
CHINCOTEAGUE Twr	3295(142.74)		CN	(3); 142.74 (8-17)
(N) Chincoteague NAAS	4.5 WNW;hwy S	38	60h R2 L5 S4	100 oct. (N)
Currell's(Weems)	1 N;jct or rivs		17 S1	80 oct.P-line SE.Use strips only.Data unver.
DAHLGREN Tower	375(142.74)		CN	(3);142.74(8-16 except
(N) Dahlgren NAF Proving Grnds.(N)	0.5 E	20	40h R1 L5 S2	100 oct.CLSD. Sun.)
DAWN FM	(- - - -)	3°,25.1	FM	Richmond
Harcum (NC)	0.2 NW	85	40	Poles Rnwy data unver.
Hermitage(Richm'd)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles E,W
HERNDON FM	(- - - -)	317,21.8	FM	Washington, D.C.
Hummel (Greys Pt.)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson(Ononcock)	1 ESE;RR E	35	22 S1	80 oct.
→ Kellam(Weirwood)	0.3 SW;RR E	15	21 S4	80 oct.Trees NW,
→ Leesburg Arpk.	0.7 ESE;hwy S	280	20	P-lines NE.
* Lively Int,6,NW-WA	3.4 WSW;riv W	15	34 L3	35' trees,bldgs NW.
→ Manassas	2.7 NW;RR S	250	22 S6	80 oct.Obst sur fld.
(P) Melfa Flgt Strip	1.3 W	48	70h	
→ Midway (Chester)	2 E;hwy S	178	26 S6	80 oct.P-line W.
* Milford Int,49B,AG-LG	1.5 S;RR W			ABANDONED.
MT. VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
MT. VERNON H Fac.	269 (W)	209°,8.2	FMHW	(Cont.)Washington,D.C.
Northfield(Richm'd)	3 N;hwy W	197	20 S4	80 oct.
Parksley	0.6 WNW	25	18 S4	80 oct.
→ Parnell(Richmond)	4 S;RR E,W	120	19 S6	80,91oct.P-line NW
QUANTICO Navy Rng	203(NYG)	20°,4.6	MRLZ	3105,4495 (MCAS)
RICHMOND Range (Bryd)	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3): 116.1
RICHMOND Tower	See Byrd Fld under "New Facilities" - name changed			
(A) [Richmond AAB](A)	See Byrd Fld under "New Facilities" - name changed.			
Shannon(Fredericksburg)	1.6 SSE;riv E	50	23 S6	80 oct.
→ Tappahannock Flgt Stp	0.8 W	30	40h	8000' strip avail.
→ Waynesboro	3 W;hwy N	1500	26 S1	80 oct.Trees WSW
(P) West Point	2.3 ESE	24	50h S4	80,91 oct.Riv SSW.
Zieger(Warrenton)	3.7 S;hwy NE	440	20 S4	80 oct.Hill W,NW.

WEST VIRGINIA

(P) Martinsburg	4 S;hwy W	550	50h R1 L5 S6	80,91,100 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct.Pole line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BYRD	109.9		63°	IM-	MM- • - • - (0.90)	OM- - - (4.36)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Emmaus (Penna)	0.5 NW		20 S4	80 oct. Data unver.
Grimes (Bethel,Pa.)	1.7 ENE;hwy S	582	29 S6	80,91 oct.No sto.Mtn NE
(A) Byrd Fld (Richmond)	7.3 ESE;RR S	167	50h R3 L5 S4	Va)73,100 oct.
De Vries(Lewes,Del.)	1.3 NW;Bay N	10	20	
BYRD Tower Richmond	396(126.18,118.7)		AC (ILS-W)	4);122.5,118.7,126.18 (Va)
Phoenixville (Pa)	3 NE	300	24 S4	Data unver
Rock Hall (Md.)	2.4 NNE;hwy W	30	30 S4	80 oct.
Stowe-Pottst'n(Pottst'n)	1.7 NW	245	26 S6	80 oct.P-line S (Pa)
→ Vineland (N.J.)	4.3 SSW;RR I E	65	24 S6	80 oct.P-line E.Use ctr lgts
Blackwood (N.J.)	6.3 ESE;hwy V	85	26 S4	80 oct.No sto.P-line N.
PRANDYWINE Range (Md.)	379(BDW) (116.1)		SMRLZ-DV	N/S usable emerg. (3):116.1
Paoli-Malvern Arpk (Malvern,Pa)	1.3 SSE	460	24 S4	80 oct.Trees NE,SE,SW.
Davis (Gaithersburg,Md)	7.5 NNE;hwy E	640	26 S6	80,91 oct.Trees ESE.
Red Lion	3.2 N;hwy W	50	19 S4	80 oct.(St.Georges,Dela.)
Lovett(Elkton,Md)	3.1 NNE;RR 1 SE	140	22 S4	80 oct.

S-Simul. Range and Voice. W-Without Voice. **E-VHF Range Station Location** Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. A.A.C.S.: Scheduled broadcast on 4705 kcs (first figure is scheduled time, second alternate time).

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

WASHINGTON 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SYRACUSE 53

HARRISBURG 242 (116.1)

PHILADELPHIA 266 (116.1)

BALTIMORE 257 (116.1)

WASHINGTON 332 (116.1)

NEW CASTLE 350

MILLVILLE 365 (116.1)

ARCOLA 233 (116.1)

MCAS. QUANTICO 203

MARTINSBURG 209

FRONT ROYAL 359

BRANDYWINE 379 (116.1)

RICHMOND 260 (116.1)

NAAS. CHINCOTEAGUE 227

NORFOLK 97

FOR DETAILS IN THIS AREA SEE CHART 69

HARRISBURG STATE 278 KC 118.7, 126.18 MC

OLMSTED AAF 396 (126.18)

NEW CASTLE CO. 219 KC 118.5 MC

DU PONT 388

PHILLIPS AAF 215 (126.18)

BALTIMORE 278 (118.9, 126.18)

NAF ANNAPOLIS 2870 (142.74)

NAF. DAHLGREN 375 (142.74)

NAS. PATUXENT RIVER 347 (142.74)

NAS. PATUXENT RIVER 215

BYRD 396 (118.7, 126.18)

NAAS. CHINCOTEAGUE 3295 KC 142.74 MC

NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

MT. VERNON (W) 269

GORDONSVILLE 388

BLACKSTONE 371

LANGLEY AFB 221

ANDREWS AFB 276

SUNSET AWYS

CHAMBERSBURG

GETTYSBURG

DOERSOM

WAYNESBORO

HAGERSTOWN

NORTH END

MARTINSBURG

STEVENS

FREDERICK CITY

LEWISTOWN

CARGILL

MT. UNION

CARLISLE

TAYLOR

YORK

SEVEN VALLEYS

DEVENER

N.Y. WASH.

PA. MD.

TANEYTOWN

C.A.P. BASE NO. 332

LEESBURG

LISBON

DAVIS

RELAY

PIMLICO

RUTHERFORD

N. BALTIMORE

EDGEWOOD ARSENAL AAF

MARTIN 317

KENT

GILL

ROCK HALL

FAYBROOK

GLENBURNIE-WHIPP

HERNDON 22

BELTSVILLE 18

BLUE RIDGE

ALEXANDRIA

MANASSAS

MT. VERNON

ZIEGER

REMINGTON

DONCASTER 25

DIXIE

ANNAPOLIS

LEE ANNAPOLIS

EASTON

WEBB

CENTERVILLE

DOVER AIR PARK

DOVER

DOVER AAF

SUNGLO

HARTLY

HARRINGTON

DE VRIES

REHOBOTH

BRIDGEVILLE

GEORGETOWN

HOLLY BROOK

LAUREL

SUSSEX

DELMARVIA

SALISBURY

HICKMAN

MIDWAY

MEEKINS NECK

POCOMOKE

WEBSTER

PINEY POINT

TAPPAHANNOCK

DAWN 25

NORTHFIELD

HERMITAGE

CENTRAL

LIVELY

CURRELL'S

HUMMEL

PARKSLEY

JOHNSON

MELFA

KELLAM

WEST POINT

MIDWAY

PARNELL

CHESTER

RAWLINGS

SHANNON

PITTSBURGH 65

GORDONSVILLE

TO GORDONSVILLE

TO NORFOLK

TO NAS, NORFOLK

SCHUYLKILL

ALLENTOWN BETHLEHEM

FOGELSVILLE

ESTLER

KUTZTOWN

SWATARA VALLEY

GRIMES

BERKS

PENN-HARRIS

WOMELSDORF

LEBANON CO

HERSHEY

MILLARD

REIGEL

MIDDLETOWN

LANCASTER

LANCASTER MUN.

READING

CONVAIR

EMMAUS

BETHLEHEM-EASTON

ALEXANDRIA

METUCHEN

LAYFIELD

MADEIRA

NEW HANOVER

STOWE-POTTSTOWN

POTTSTOWN

PHOENIXVILLE

MAIN LINE

PAOLI-MALVERN

COATESVILLE

W. CHESTER

VALLEY

SUNBURY

PHILIPSBURG

N. ALTOONA

TO ALTOONA

TO MT. HOLLY

PHILA. NORTHEAST

ALLENTOWN

BLUE 20

GREEN 4

GREEN 5

RED 21

RED 3

RED 33

RED 17

RED 18

RED 20

RED 37

RED 45

RED 61

AMBER 1

PITTS.

NEW FREEDOM

BOOTHWYN

PENNS GROVE

BIGGS

WOODSTOWN

BELLANCA

LOVETT

PILOT'S HAVEN

RED LION

ALDINO

ABERDEEN

PHILLIPS AAF

DIFFENDAHL

SHALLCROSS

VINELAND

GREENWICH

SMYRNA

BUCK'S

KROELINGER

MILLVILLE

FRONT ROYAL

LISBON

DAVIS

RELAY

ROCK HALL

FAYBROOK

GLENBURNIE-WHIPP

HERNDON

BELTSVILLE

BLUE RIDGE

ALEXANDRIA

MANASSAS

MT. VERNON

ZIEGER

REMINGTON

DONCASTER

DIXIE

ANNAPOLIS

LEE ANNAPOLIS

EASTON

WEBB

CENTERVILLE

DOVER AIR PARK

DOVER

DOVER AAF

SUNGLO

HARTLY

HARRINGTON

DE VRIES

REHOBOTH

BRIDGEVILLE

GEORGETOWN

HOLLY BROOK

LAUREL

SUSSEX

DELMARVIA

SALISBURY

HICKMAN

MIDWAY

MEEKINS NECK

POCOMOKE

WEBSTER

PINEY POINT

TAPPAHANNOCK

DAWN 25

NORTHFIELD

HERMITAGE

CENTRAL

LIVELY

CURRELL'S

HUMMEL

PARKSLEY

JOHNSON

MELFA

KELLAM

WEST POINT

MIDWAY

PARNELL

CHESTER

RAWLINGS

SHANNON

PITTSBURGH 65

GORDONSVILLE

TO GORDONSVILLE

TO NORFOLK

TO NAS, NORFOLK

SCHUYLKILL

ALLENTOWN BETHLEHEM

FOGELSVILLE

ESTLER

KUTZTOWN

SWATARA VALLEY

GRIMES

BERKS

PENN-HARRIS

WOMELSDORF

LEBANON CO

HERSHEY

MILLARD

REIGEL

MIDDLETOWN

LANCASTER

LANCASTER MUN.

READING

CONVAIR

EMMAUS

BETHLEHEM-EASTON

ALEXANDRIA

METUCHEN

LAYFIELD

MADEIRA

NEW HANOVER

STOWE-POTTSTOWN

POTTSTOWN

PHOENIXVILLE

MAIN LINE

PAOLI-MALVERN

COATESVILLE

W. CHESTER

VALLEY

SUNBURY

PHILIPSBURG

N. ALTOONA

TO ALTOONA

TO MT. HOLLY

PHILA. NORTHEAST

ALLENTOWN

BLUE 20

GREEN 4

GREEN 5

RED 21

RED 3

RED 33

RED 17

RED 18

RED 20

RED 37

RED 45

RED 61

AMBER 1

PITTS.

NEW FREEDOM

BOOTHWYN

PENNS GROVE

BIGGS

WOODSTOWN

BELLANCA

LOVETT

PILOT'S HAVEN

RED LION

ALDINO

ABERDEEN

PHILLIPS AAF

DIFFENDAHL

SHALLCROSS

VINELAND

GREENWICH

SMYRNA

BUCK'S

KROELINGER

MILLVILLE

FOR DETAILS IN THIS AREA SEE CHART 69

HARRISBURG STATE 278 KC 118.7, 126.18 MC

OLMSTED AAF 396 (126.18)

NEW CASTLE CO. 219 KC 118.5 MC

DU PONT 388

PHILLIPS AAF 215 (126.18)

BALTIMORE 278 (118.9, 126.18)

NAF ANNAPOLIS 2870 (142.74)

NAF. DAHLGREN 375 (142.74)

NAS. PATUXENT RIVER 347 (142.74)

NAS. PATUXENT RIVER 215

BYRD 396 (118.7, 126.18)

NAAS. CHINCOTEAGUE 3295 KC 142.74 MC

NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

MT. VERNON (W) 269

GORDONSVILLE 388

BLACKSTONE 371

LANGLEY AFB 221

ANDREWS AFB 276

SUNSET AWYS

CHAMBERSBURG

GETTYSBURG

DOERSOM

WAYNESBORO

HAGERSTOWN

NORTH END

MARTINSBURG

STEVENS

FREDERICK CITY

LEWISTOWN

CARGILL

MT. UNION

CARLISLE

TAYLOR

YORK

SEVEN VALLEYS

DEVENER

N.Y. WASH.

PA. MD.

TANEYTOWN

C.A.P. BASE NO. 332

LEESBURG

LISBON

DAVIS

RELAY

PIMLICO

RUTHERFORD

N. BALTIMORE

EDGEWOOD ARSENAL AAF

MARTIN 317

KENT

GILL

ROCK HALL

FAYBROOK

GLENBURNIE-WHIPP

HERNDON 22

BELTSVILLE 18

BLUE RIDGE

ALEXANDRIA

MANASSAS

MT. VERNON

ZIEGER

REMINGTON

DONCASTER 25

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5, 118.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)

MARYLAND

ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . . - - -)	209°,24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C (ILS-W)	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3): 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FMHW	(Cont.) Washington,D.C.
MOUNT VERNON FM	(. - - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

→BRANDYWINE Range (Md.)	379(BDW)(116.1)		SMRLZ-DV	(3);116.1

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMK-379	OMK
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.66)
					MMK-	OMK-230
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM-	OM- (3.60)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument	20	60h R1 L5 S6	73,100 oct.Ridge E.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	44h	
Capital (Berwyn)	2 NW; RR E	70	20 S4	80 oct. Pole line S.
College Park	8.5 NE of D.C.	50	22 S6	80,91 oct.S,NW blkd.RR NW
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	33 S6	80 oct. Pole line E, NE. Allway fld.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S2	80 oct.Closed. 2800' rnwy avail.
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	19h S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→Hyde (Clinton)	2 WSW	249	32h L S6	80, 91 oct. Port flood lgts on req.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. SSE blkd.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct. NE blkd. P-line SE.
Schrom (Greenbelt)	0.3 S.W; hwy W	177	50h L S6	80,91 oct. Floodlgts on req. SSE—blkd.

NEW JERSEY

Almonesson	0.6 NNW	50	22 S6	73 oct. P-line NE, trees SE. Soft,
→Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 ENE;hwy NNW	30	24 S4	80,91 oct. P-line E,SSE,NNW
Central (Camden)	1.8 E;riv S,W	20	25h L4 S5	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct. Port rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	17 S6	80 oct. Pole line S, SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	13 NE;RR N	240	44h	Trees E,W.
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.5 N;RR E	366	46h R1 S1	91,100 oct. P-line W,NW.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE	450	29 S6	80,91 oct. P-line N,NE,E,S,W.
Morrisville	1.6 W; riv E	180	24 S6	80 oct. P-line NE,E,SE,SW,W,NW
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Pole line NE.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. P-line N,NE,E,SE.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 ,100 oct. No flood lgts.
PHILADELPHIA SOUTHWEST	6.5 SW;riv SW	10	54h R3 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

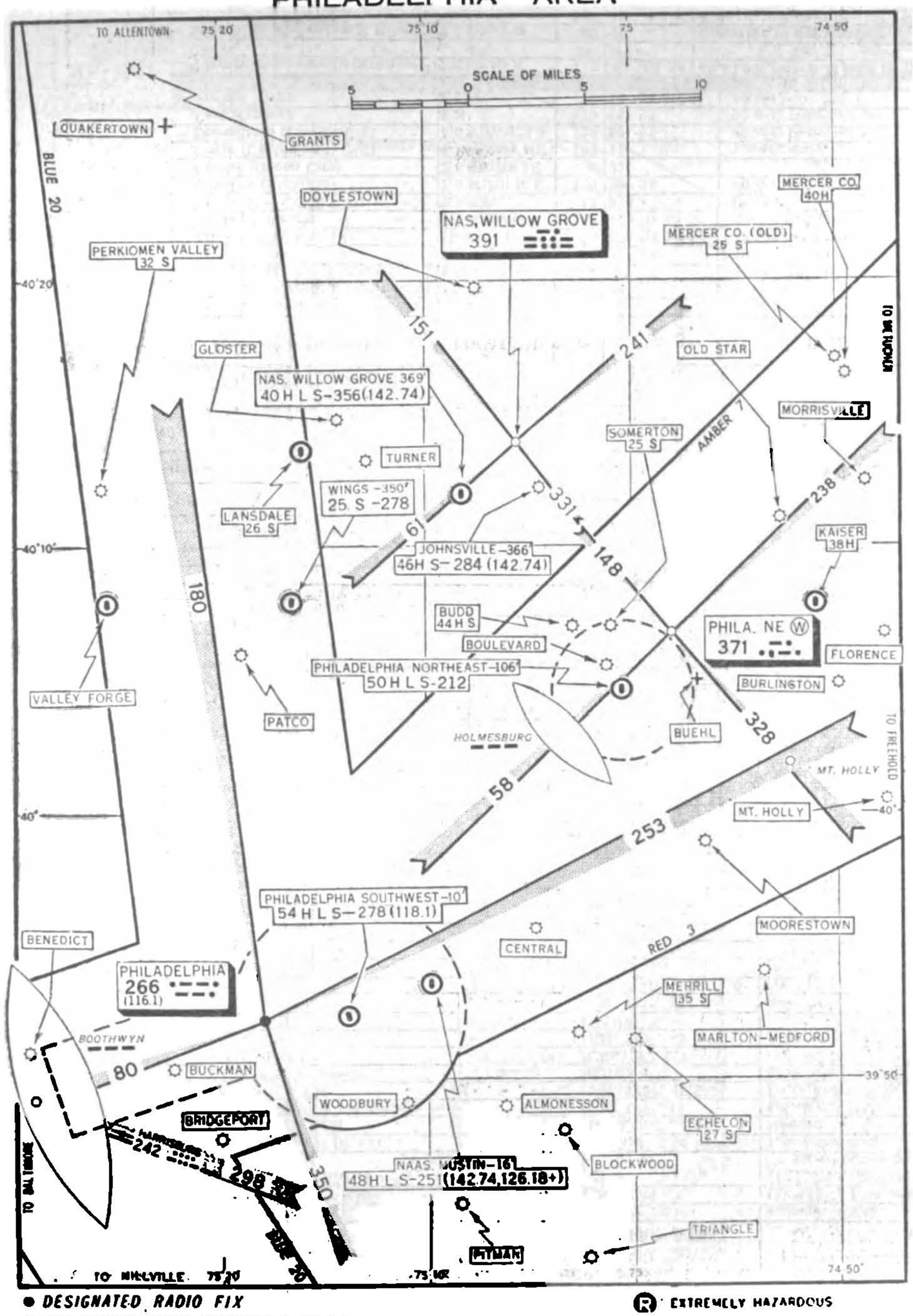
VIRGINIA

→Beacon (Alexandria)	3 SSW;hwy E	246	27 L4 S6	80,91 oct. P-line SE,S,SW,NW blkd.
Crossroads (Alexandria)	4.5 NW;RR E	250	20 S1	Ltd 80 oct. No bndry,no obst.
Falls Church Airpark	1.9 SW	350	26 S6	No sto. Data unver.
Hybla Valley (Alexandria)	See Alexandria under "New Airports"- name changed.			
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

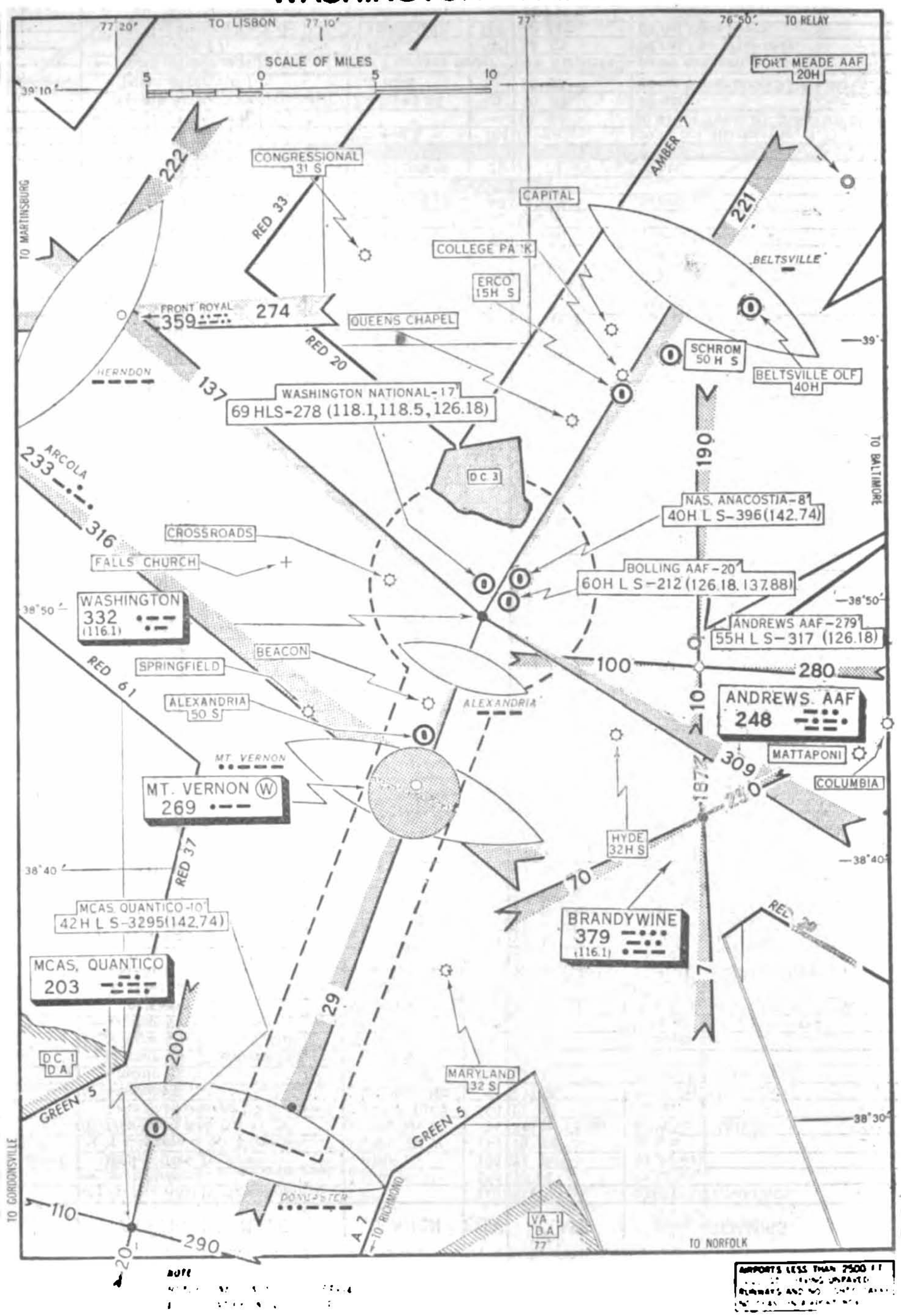
NEW AIRPORTS

→Woodbury (N.J.)	1.8 SSW;RR N	50	21 S4	80 oct.
Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees,pole lines sur field.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.
Worth (Florence,N.J.)	1 SE;riv N	50	24 S4	80 oct. P-line WSW,NW. Trees S.
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct. Use strips only.

PHILADELPHIA AREA



WASHINGTON AREA



● DESIGNATED RADIO FIX
C NON COMPULSORY REPORTING POINT

(R) EXTREMELY HAZARDOUS
(O) USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM. 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMHW;222°,16.1	(Cont.) La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532(NSC)	MHW; 122°,0.15	(Cont. (Floyd Bennett)
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18, 118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMHW;42°,5.6	(Cont.) La Guardia
PORT CHESTER FM	(- -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.9	333.8	44°	IM-	MM- ·-·-· (0.81)	OM- --(4.49)
					MMK-233 --·-	OMK 317 ·-··
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)
					MMK-257 --	OMK-272 ·--
NEWARK (L6)	110.3	335	58°	IM-	MM- ·-·- (0.61)	OM- -- (4.64)
					MMK-201 ·---	OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. 131-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aero-Marine Terminal (Keyport)	1 NE;RR S			ABANDONED.
Acft.Radio Corporation (Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE.
Asbury Park Air Terminal	4.5 W;rd N	100	24 S2	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	91,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N,E	100	20 S4	80 oct. Pole line NNE.No sto.
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	Emerg only.
Downstown (Landisville)	1.8 WNW;RR S	120	23 S1	80 oct. Pole line N.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.

NEW FACILITIES

Trenton-Robbinsville(Robbinsv'l)	1 ESE;rd N	115	40 L4 S6	80,91 oct.No bcn.N bkd.(N.J)
Mahalchik (Columbus,N.J)	2.8 S;hwy W	60	20	Unusable in wet weather.
Mid-Jersey(New Brunswick,N.J)	3 WSW;hwy SE	120	18	Emerg. use only. P-line SE.
Forsgate Arpk(Jamesburg,N.J)	1.6 SW;RR E	150	24 S6	80,91 oct.P-line N,NE,SW.Twr N end

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) NC-(not charted).

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;riv L	560	30 S4	80,91 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 ,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	58h R2 L5 S6	91,100 oct. Lgts on req.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.5 SE;lake NW	26	S4	80,91 oct. Data unver.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	41h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;hwy E	180	35 L S6	80,91 oct. Flood lgts on req.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	19	79h R3 (L6) S6	80,91,100 oct.JP-1.2-way rdo rqrd. FEE
North Brunswick(New Brunswick)	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.6 W;RR S	380	72 S4	80 oct.Poles N,S. P-line N,WSW
Ocean Co. (Adamston) (NC)	1 SW;crk,5 S	18	25 L S6	80,91 oct. Port flood lgts on req.
Pennington	2 ESE;hwy S,E	230	24 S4	80 oct.P-line ESE,SSE.
Princeton(Rocky Hill)	1 W riv E	160	19 S1	80 oct,P-line ENE,SSE.
Red Bank	1 S;hwy E	80	26 S6	80,91 oct. P-line W,S,N.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;hwy NW	20	19 S2	80 oct,P-line E,NW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	45 L S6	80,91 oct. Port lgts on req.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req. Rnwy data unver.
Trenton (NC)	6 NE;hwy NW	70	15 S1	80 oct,P-line W.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct. Restricted to USFS.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h S6	80 oct.
(P) Woodbine	2 SE	39	30h L1 S6	80,91 oct.Bcn on req.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	57h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Suffolk Co.(Westhampton Beach)	2.6 N	69	50h	
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.

NEW AIRPORTS

Aviation Country Club	2 S;hwy S	104	24 S6	80,91 oct. (Hicksville, N.Y)
New Sayville (Sayville, N.Y.			30 S4	80,91 oct.Trees NE,SW,WNW.P-line NE
Nassau Arpk (Princeton,N.J.)	2.5 S;hwy SE	80	30 S4	80 oct.
Toms River, (N.J.)	1.5 NNE		19 S2	80 oct.Water tanks S.Data unver.
Worth (Florence,N.J.)	See Florence under "New Airports" - name changed.			
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	42h	CLOSED.W,E,S,NW less than 10-1.
Star Harbor(Williamst'n,N.J)	0.8 N;hwy SE,NW	150	18 S1	80 oct.P-line ENE,SSW,WSW.
Florence,N.J.			24 S4	80 oct.P-line WSW,NW.Trees S.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS Ⓤ : USABLE WITH CAUTION

SOUTHERN NEW JERSEY

NEW YORK 71

LAKE SUSQUEHANNA · TRINCA · TO BRANCHVILLE · ALLENTOWN 320 · RED 33 · RED 23 · 5000 · 240 · 36 · 50 · LINCOLN PARK · MURCHIO · AIRCRAFT RADIO CORP. · CALDWELL-WRIGHT 254 KC 126.18 MC · TETERBORO 326 KC · 129 · NEW HACKENSACK 236 · 28 · 3000 · 45 · 4000 · 238 · 222 · PATTERSON · NEW ROCHELLE 275 · 15 · YONKERS · LITTLE FERRY · NEW ROCHELLE · 6 · 10 · TO HARTFORD · 80 · BRIDGEPORT 221 · ALBANY 55 · 4000 · PORT CHESTER 16 · STEWART 236 · 26 · RED 23 · 273 · HUNTINGTON · GLENCOVE · ST. JAMES · SALEM · 64 · ALBANY 55 · MASTIC · 41°04′ · 73° · 15 · 10 · STATUTE MILES · 5 · 0

TO BELFAST · HACKETTSTOWN · 58 · RED 21 · 4000 · E. HANOVER · MORRISTOWN · LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC · 14 · NEWARK 278 KC 118.3, 126.18 MC · NEWARK 341 (116.1) · HOLMES 233 · 121 · LA GUARDIA 209 (116.1) · AVIATION COUNTRY CLUB · HICKSVILLE · GRUMMAN 323 KC · 248 · CARLL · MACARTHUR 278 KC · NEW SAYVILLE · 23 · C A · REPUBLIC 371 KC · ZAHNS · FITZMAURICE · MITCHEL AAF 396 KC 126.18 MC · 217 · 222 · FLUSHING · GREAT NECK · ROOSEVELT · MASPETH 317 · 109 · SYRACUSE 53 · SOMERSET HILLS · LEBANON 32 · WESTFIELD · ELIZABETH · FLATBUSH 16 · 122 · 132 · FLATBUSH (W) 353 · IDLEWILD (W) 248 · COLUMBIA · MITCHEL AAF 227 · 301 · NEW YORK · NW JERSEY · ALLENTOWN 320 · SOMERSET · SHINN-WOODBRIDGE · ROCKAWAY · ROCKAWAY 5 · 290 · SOLBERG-HUNTERDON · GENERAL MOTORS · HUGHES · CONEY ISLAND · 42 · 312 · MITCHEL · LONG BEACH · HADLEY · STATEN IS. · 317 · FLOYD BENNETT 379 · 3000 · GREEN 3 · 40°30′ · 57 · NAS. FLOYD BENNETT (W) 532 · 302 · 22 · MID-JERSEY · METUCHEN 13 · PRINCETON · 4000 · NO. BRUNSWICK · FOR MATAWAN VHF RANGE SEE CHART 144 · 58 · 29 · 39 · 42 · NAS. FLOYD BENNETT 388 KC 142.74 MC · AMBROSE · WASHINGTON 67 · 44 · PENNINGTON · AMBER 7 · RED BANK · 22 · 44 · MERCER CO. · MERCER CO. (OLD) · NASSAU · FORSGATE · FREEHOLD 48 · 74 · GREEN 5 · 238 · HIGHTSTOWN · TRENTON-ROBBINSVILLE · 57 · ASBURY PARK · BLUE 18 · MORRISVILLE · OLD STAR · SKYHAVEN · MONMOUTH CO. · 14 · ASBURY PARK 20 · PHILA. NE(W) 371 · 253 · 242 · KAISER · FLORENCE · BURLINGTON · C.A. · LAKEWOOD · OCEAN CO. · RED 3 · CASSVILLE 3 · MAHALCHIK · PHILADELPHIA 266 · MT. HOLLY · MT. HOLLY · 3000 · FORT DIX AAB · NAS. LAKEHURST 3295 KC 142.74 MC · FORKED RIVER · TOMS RIVER · 34 · MOORESTOWN · NAS. LAKEHURST 520 · 72 · 328 · 337 · 243 · FORKED RIVER · 15 · 67 · MILLVILLE 365 · FORKED RIVER · 75° · 39°48′ · 74°30′ · 74° · 40°

EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX 300 NM SEAWARD, N. BOUND U.S.-CANADA BORDER, S. BOUND LAT. 35°-70°

NOTE:
HEAVY LINES ON EDGE OF CHART LIES IDENTIFY "R" QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST, ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

ATLANTIC OCEAN Ⓡ

STAR HARBOR · GREEN 5 · MITCHEL · N. Y. OCEANIC ATC · WASH. OCEANIC ATC · 74° · 39°48′ · 75° · C.A. · MILLVILLE 365 · 243 · NAS. ATLANTIC CITY 275 KC 142.74 MC · DOWNSTOWN · CAVOLI'S · D.A. · ATLANTIC CITY · 39°15′ · WOODBINE · SMITH · WILDWOOD · CGAS, CAPE MAY · N.Y. WASH. CAPE MAY · SCALE OF MILES · 10 0 10 20 30 · 74°30′ · 75° · 38°45′

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220,126.18
Fairfield-Suisun AAF (Army)	350(126.18)	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ;160°.2.1	
Hamilton Field	219 (126.18)+	CA◆ :53.13	(3);126.1[illegible]4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266(SB)(vhf)	BMRL-DTV;310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV,291°,3.6	(3);122.1
SANTA ROSA NAAS			DECOMMISSIONED
SAUSALITO FM	(- - - -)	FM, 278°, 17.5	Oakland
STOCKTON	212(JW)(vhf)	BMRL-DTV;285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(L6)(A)	110.3	335	210°	IM- (0.3)	MM- (1.13)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

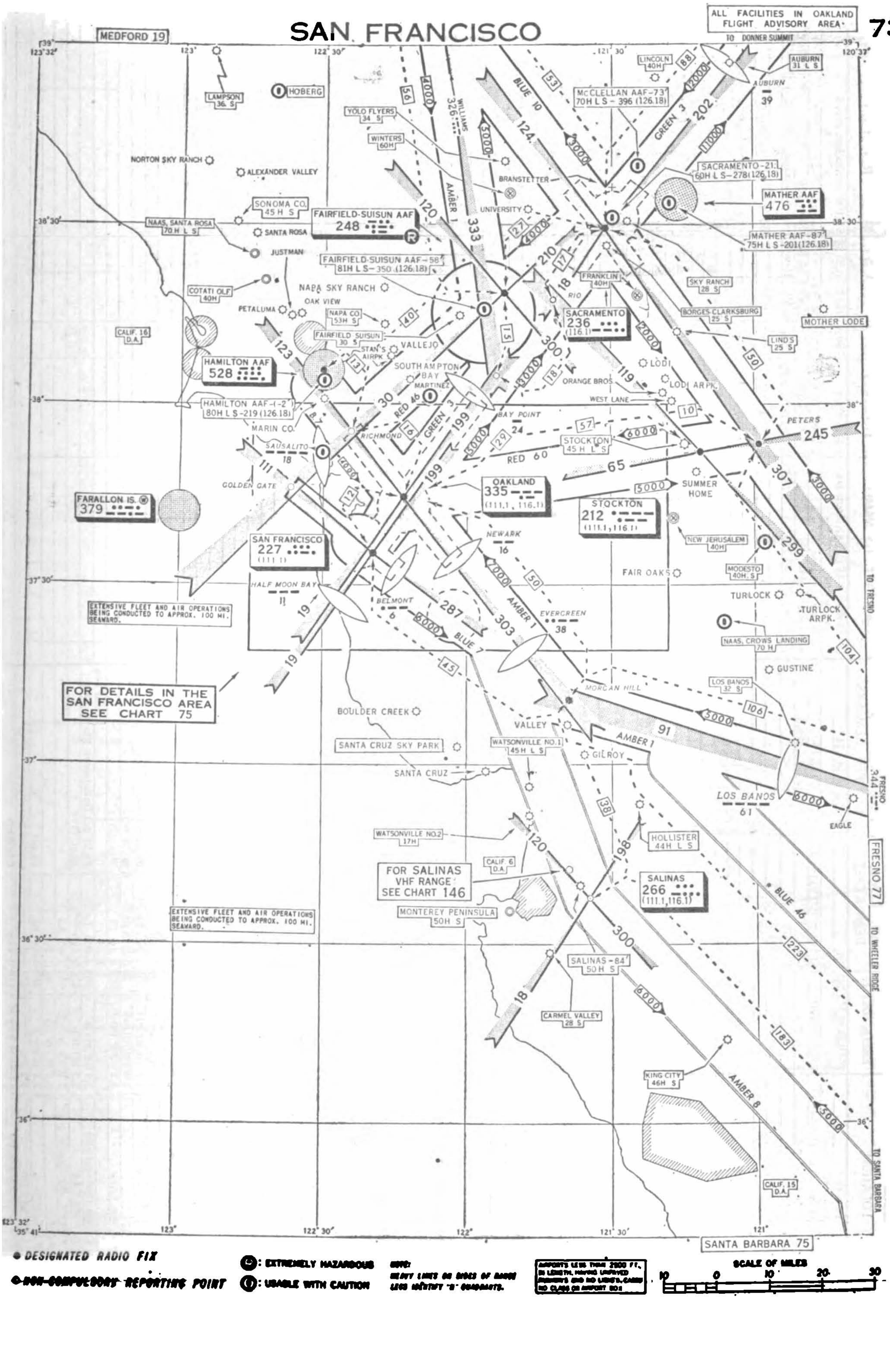
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct. Hill SSE.
Amador Co. (Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
American Legion(Salinas)	1.8 NNW			ABANDONED
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg	2.4 NNE,riv SE	15	27 S6	80 oct. E,SSE blkd.(Clarksburg)
Boulder Creek	3 NW;rd W	810	29 S1	80oct.Lgt planes&exper.pilots only.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver[illegible]Sur by mtns.
Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	39h	INACTIVE. Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.
Fairfield-Suisun	1 E,RR N	7	35 S6	80 oct.N,S,W,NW,SW blkd.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	16 S4	80 oct.No sto.
King City	1.5 NNE,RR W	360	46h S5	80,91 oct.
(P) Kingsbury (Lodi)	See Lodi under "New Airports" name changed.			
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
Lincoln	[illegible]NW;hwy S	120	40h S4	80 oct.
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.Poles E.
Lodi Airpark	4.5 SW;hwy E	25	28 S6	80 oct. P-line E.No sto.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
Martinez	0.8 N,RR S	6	20 S6	80 oct.Hill WSW.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	91	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req. TEMP INACT
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L5 S6	80,91 oct.Lgts prior req NO NAVY
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S. FAC.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	20 S1	80 oct.Pole line WNW.
Orange Bros. (Stockton)	5 N;RR E	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	15 S4	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct.
(P) Salinas	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E,RR W	96	24 S1	80 oct.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S6	80,91 oct.Port rnwy lgts. NE,S,SW
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. blkd.
State Forestry(Davis)(NC)	3 E,hwy N	28	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	28	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW;crk S	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct. Wire NE
Valley (Morgan Hill)	1.2 S,hwy E	240	17 S1	80 oct. P-line SE.
(P) Watsonville #1	2.8 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S6	80,91 oct.W blkd.Wire NW.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	68	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S6	80,91 oct. Port rnwy lgts. Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E		21h S2	80,91 oct.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
(P) Lodi (Calif.)	6 WSW;RR NE	25	40h S6	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN FRANCISCO



RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141.1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUG)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142.74)	CN	3105,6210;142.74 (8-20)
→ SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV	(3);122.1
San Francisco Airport	269(126.18,118.9)	AC;291°,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	MHW;285°,10.0	(Cont.) San Francisco
SANTA BARBARA	(108.3)(OY)	VARW	
→ SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);116..
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126.18,122.5,142.74
SAUSALITO FM	(- - - -)	FM; 278°, 17.5	Oakland

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- • — • — (3.52)	OM- — — (4.71)
					MMK-	OMK-
OAKLAND	109.9 • — —	333.8	274°	IM- ····· (0.12)	MM-	OM- — — (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
	•			IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

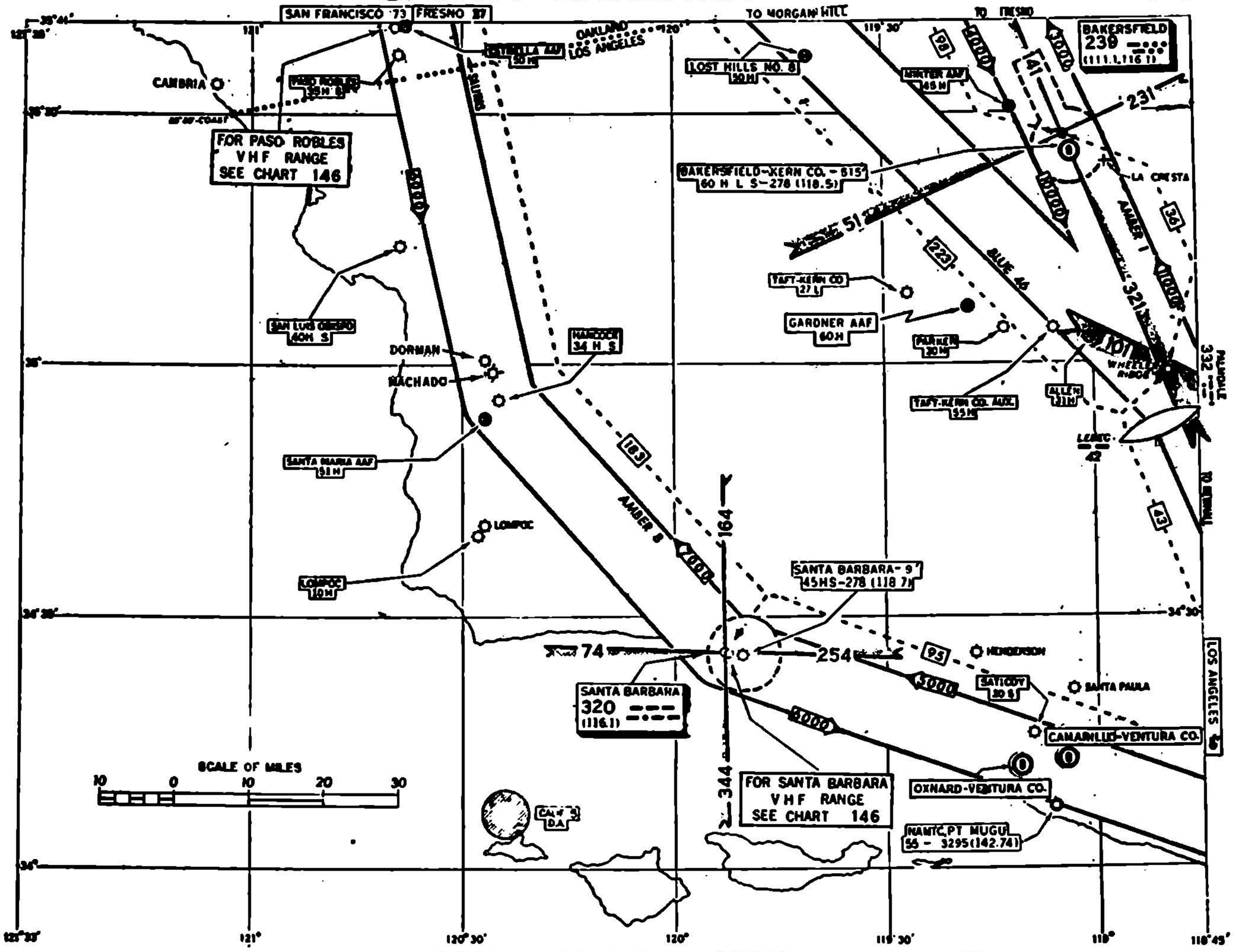
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. [illegible]
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
→ Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 S1	80,91 oct. P-line N.
Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft)AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW;hwy E	36	50h	CLOSED | Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h S6	80,91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
				prior req
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
(N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

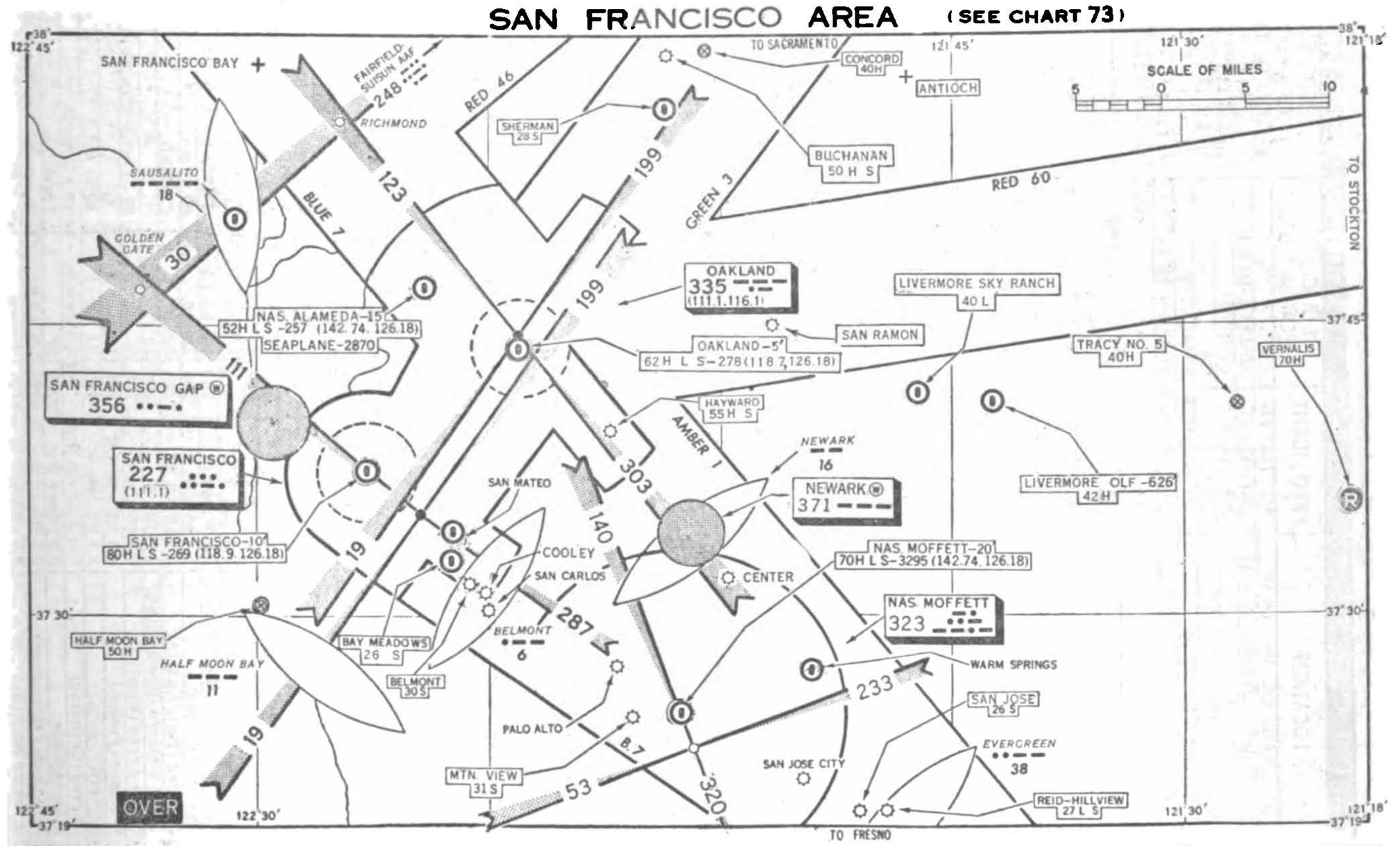
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
→ Oakland Mun.	5 S, hwy 2 NE	5	62h R3 L6 S6	80,91,100 oct. 2-way rdo req.NATS
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed.			(Hospital)
Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct. P-line NW,S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. | Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No sto.or bcn.Poles N,S.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S6	80,91,100 oct. Rdo rqrd.
San Jose City (San Jose)	2 NW;RR SW	70	18 S6	91 oct,No sto.Pwr line S.
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	| No lgts after 10 p.m.
→ Santa Paula	0.8 S;riv S	240	21 L S6	80 oct.Port.strip lgts prior req.P-line
→ Saticoy	1.5 S;RR NW	80	21 S1	80 oct.Trees NE. | ENE,WSW.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy,mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	29 S6	91,80 oct.No sto.
NEW AIRPORTS				
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
→ Cooley (San Carlos)	2.9 NNW;RR W	6	20 S1	80,91 oct. Wire SE.Emerg.use.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E; road SW	125	26 S4	91 oct.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 N;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.
(P) Camarillo-Ventura Co (Calif)	5.5 E;RR S	84	50h	
Oxnard-Ventura Co. (Calif)	1 W;hwy E	44	46h L5 S6	80,91 oct.Lgts to 8:15 on req.
San Francisco Bay (San Rafael,Calif.)	1 E;hwy S		20 S2	Fuel.Data unver.
Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 73)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 8 QUADRANTS.

AIRPORTS LESS THAN 2500 FT. OR LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SYM.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.:
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
TRONA	323 (EW)	SMRAWZ, 349°, 11	

NEVADA

→ FALLON	230 (VA)	SRAWZ: 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed.Sat.Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- •— • — (0.32)	OM- — — (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	CLOSED
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R1 L5 S1	CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
→ Boston Land Co.(Westhaven)	1.7SSW;hwy N			ABANDONED.
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. IP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
→ Corcoran	1.3 WNW;hwy S	200	37 S4	80,91 oct.Pwrline NE,SE,SW,NW.
→ Cornell (Porterville) (NC)	2.4 SSW;RR E			ABANDONED.
→ Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.Closed May 1 to Oct 15.
→ Defense Plant Corp.(Tulare)	6 SE;RR W	283	23 (NC)	
(P) Delano-Kern Co(Delano)	1.5 SE;RR W	315	60h S1	80,91 oct.
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
→ Green Acres (Visalia)	1.5 NW;RR S	300	25 S6	80,91 oct.P-line NW,Trees SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
→ Hanford	1.2 SE ;hwy W	246	21 S6	80,91 oct.
→ Harvey (Corcoran)	See Baldwin under "New Airports" - name changed.			
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h S4	NATS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S6	80 oct. req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
Lemoore	9 SW;RR NW	247	35h	Emerg only.
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
→ Newton (Stratford)	2.7 SSW;hwy N	194	22 S6	80,91 oct, P-line NNW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
→ Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S6	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	13	Mtns - timber 2000' NE Closed to Public
(P) Visalia	5 W; RR W	292	60h	
→ Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S Ctn-cattle on fld.
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

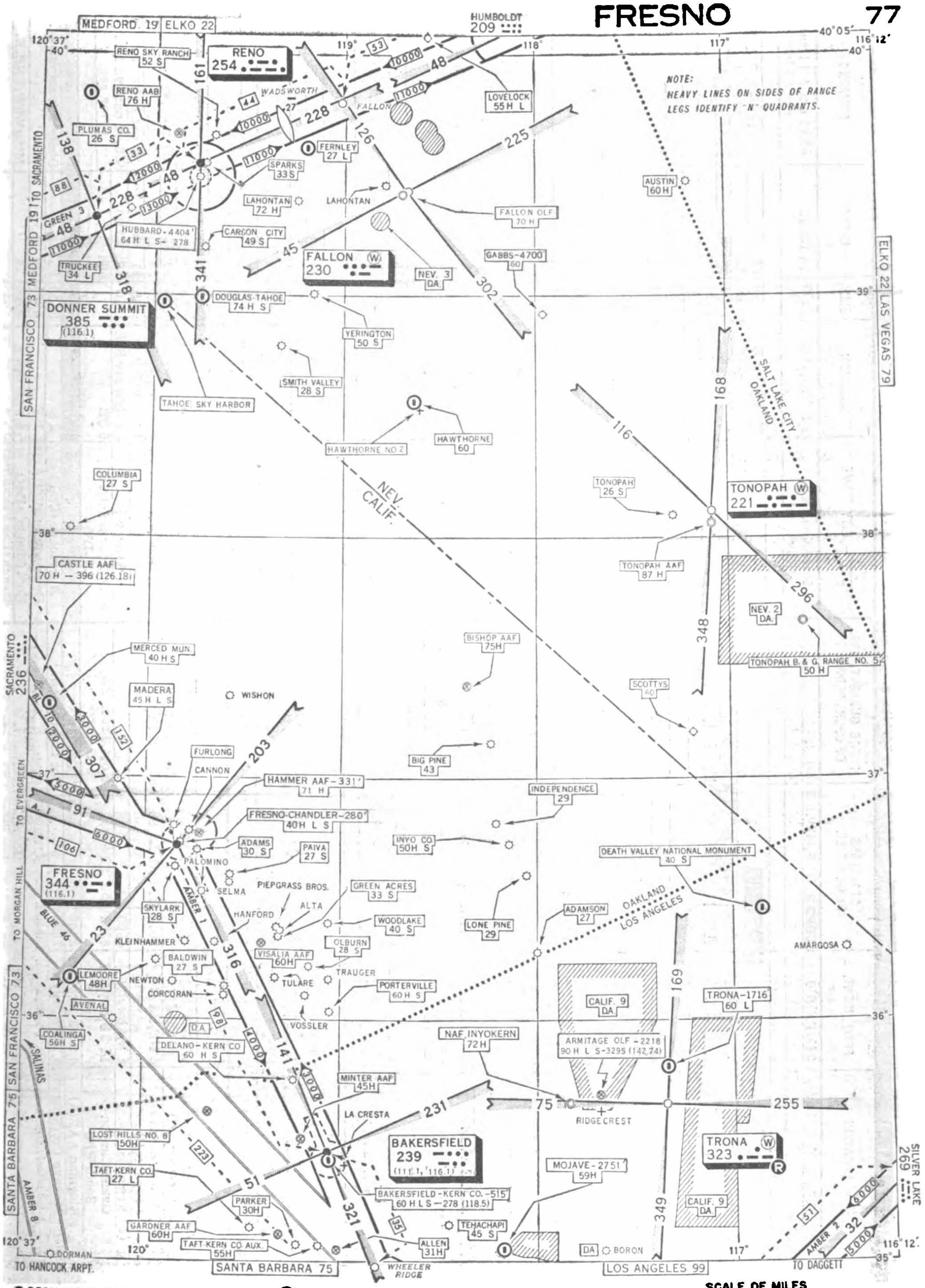
NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon	6 SE;hwy S	3931	70h L5 S4	80,91 oct.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	34h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
→ Manhattan (NC)	6.8 W;hwy W	5850	44	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Genoa)	6 WSW;RR N	6230	42 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct.P-line SE.
Selma (Calif.)	2.6 E;rd N	315	25 S4	80 oct.No sto.P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.
→ Baldwin (Corcoran,Calif)	2.7 NNW;RR W	200	27	

FRESNO 77



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
CALIFORNIA			
NEEDLES	400(NJ)(vhf)	BMRLZ-DTV,195°,2.2	(4);116.1,122.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1
NEVADA			
CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4);118.7,126.18,122.5 (8-midnite)
UTAH			
BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5;122.1,116.1,129.7 cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-VDT,20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-VT,20°,1	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM; 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	MM ·--·(0.66)	OM -- (4.2)	
					MMK	OMK	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3106, 4496, 6210 kcs; (4)-3105, 4496, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. Transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L2	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE RR bed N	3400	27 L1 S6	80 oct.Smokestack 4000' SE.Sur by mtns.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
(P) Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14 3S;hwy 2W	6362	53 S2	80 oct.Trees SW.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	65h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	37	Not maintained.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req.S blocked.
(P) Valle	2.3 E;hwy E	5990	61 L3	Lgts prior req.Soft when wet
Verde Valley(NC)	1.8 SE,riv W	3400	30	(Cottonwood)
Williams	4.3 N,RR E	6600	39 S6	80,91 oct. Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	

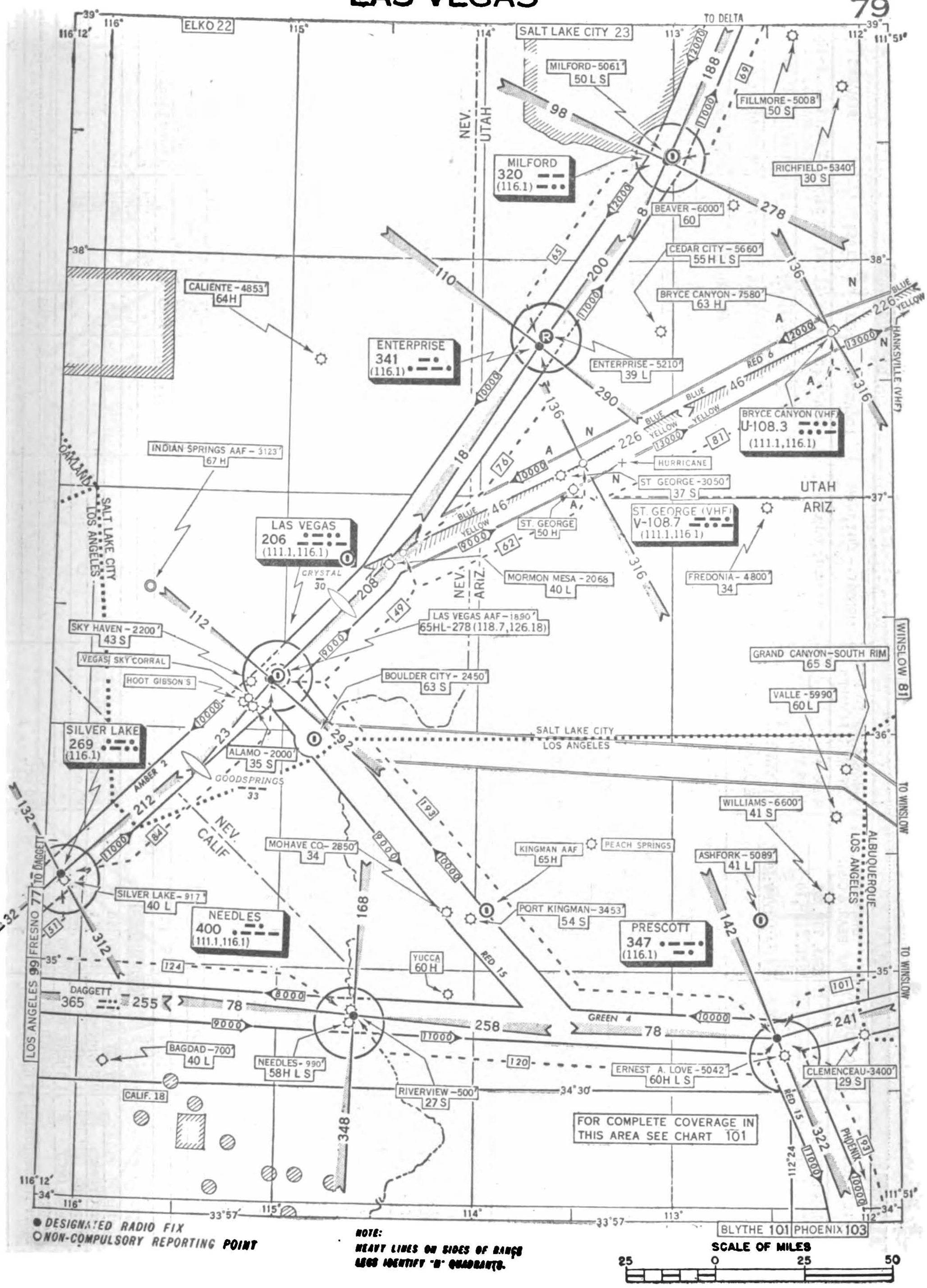
ARIZONA (continued)

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
CALIFORNIA				
* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.
NEVADA				
Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2446	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas	7.8 NE,hwy NW	1890	65h R3 L6 S1	100 oct.ARMY TEMP INACT
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	See Hoot Gibson's D4C Ranch under "New Airports" – name changed.			
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)
UTAH				
Beaver	3.2 SSW,hwy E	6000	63	Hills SE.
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L2 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy 1N	5210	39 R1 L3	LA-SL Soft when wet.
Fillmore	2 WSW,hwy SE	5008	50 S2	80 oct. Unsafe lgt acft.
Milford,45,LA-SL	2.3 NNW,hwy E	5061	37 L3 S2	80 oct.
Richfield	1.8 SSW,RR E	5340	31 S6	80 oct. P-line SE,NW
St.George	1.5 SSW,riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
* St.George Int,36, LA-DV	6 SE		50h	
NEW AIRPORTS				
Hurricane (Utah)	2 S	3400	25	Obsts E.Data unver.
Dewey-Humboldt(Ariz)	1 E	4265	29	
Hoot Gibson's D4C Ranch (Las Vegas,Nev)	5.5 SW;RR E	2200	24	Mtns WSW,ENE,E.
Wickenburg (Ariz)	3 NW;hwy W	2300	32	
Peach Springs (Ariz)	1.2 N;hwy SE	4825	23	P-line ESE,SW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page VIII) NC-(not charted)

NEW OR REVISED DATA.

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

RADIO — ARIZONA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°,0.1	(4);116.1,122.1
UTAH			
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker, (3) 3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

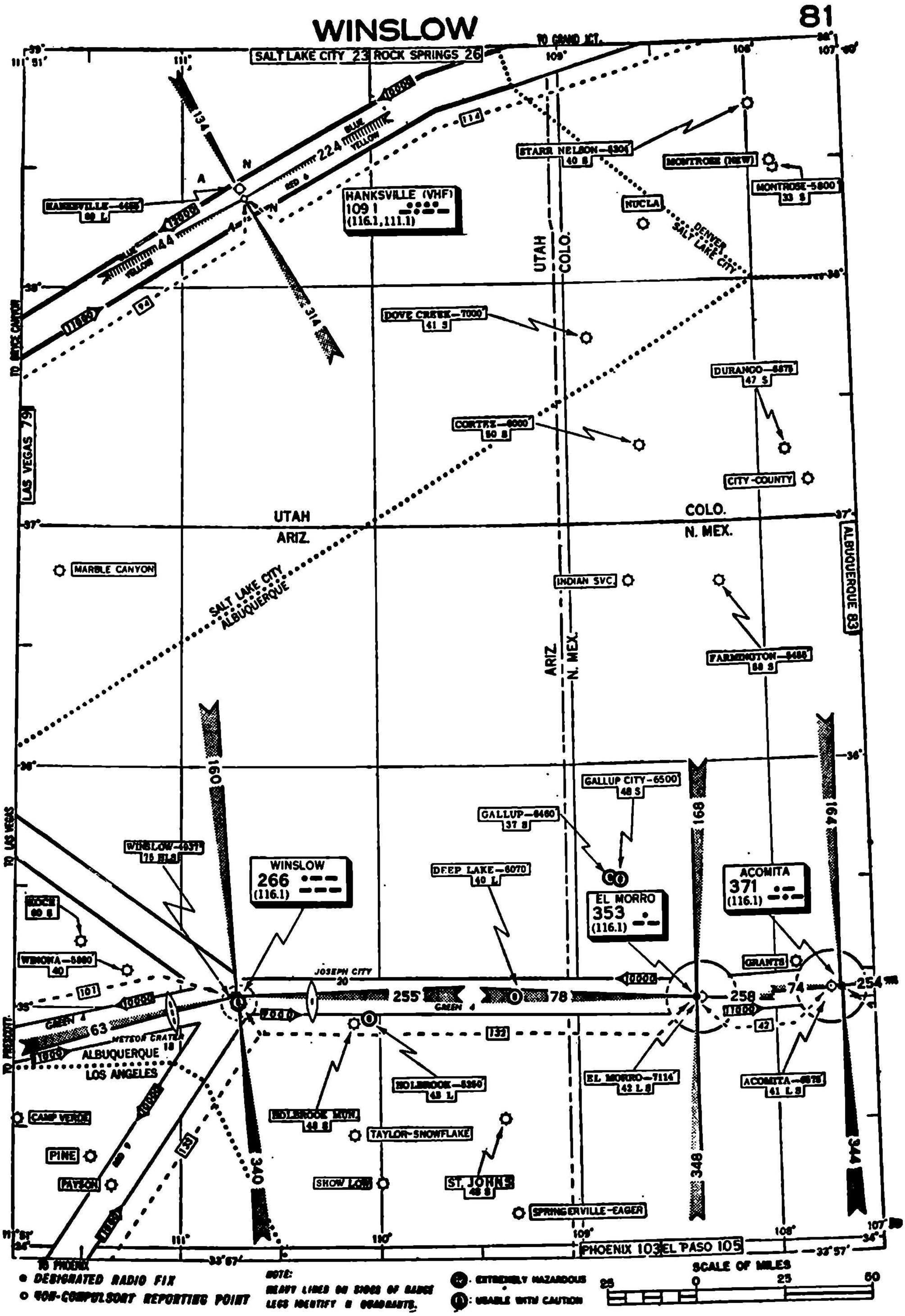
AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	18 NE;riv 1 S	4200	40 S1	80 oct Rough.Not maintained.
★ Deep Lake Int,54A, LA-AQ	0.5 W	6070	35 L3	Poles S. Emerg only.
Holbrook	2.2 NNE;RR SE	5200	50 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S6	80 oct.
→ St. Johns	1.1 NNW,hwy S	5560	48 S2	80 oct P-line SE;fence
→ Window Rock(NC) (St.Michaels)	2 ESE	6800	52	NE appch hazardous
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S4	80,91 oct.No flood lgts
COLORADO				
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
→ Montrose	1.3 S,RR NE	5800	33 S4	80 oct.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy 1 N	6573	41 R1 L3 S1	73,80,91 oct.P-line NNE.Rough.
Cubero (NC)	2.4 W;hwy S	6192	30	PRIVATE.P-line S.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lk 1 WSW	7114	42 R1 L3 S1	73,80,91 oct. Rough.
Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW, NW,SE.
Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW.
UTAH				
★ Hanksville Int,54, LA-DV	4 NE	4480	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	
NEW AIRPORTS				
→ Montrose (new)(Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
City Co. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
Show Low,(Ariz.)	2 ENE;hwy S	6400	45 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct.NE appch hazardous
Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E.Soft when wet.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct.Poles SSE,NNW.
Grants Landing Strip (N.M.)	2.3 W;RR 1 NE	6600	28	Loose sand in spots.
Winona (Ariz)	8.9 ESE;hwy N	5880	40	
Springerville-Eager (Ariz)	1.5 W	7000	37 S1	80 oct.
→ Pine (Ariz)	0.8 S;crk NE	5500	25	Trees block N.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC) Not charted. → NEW OR REVISED DATA.

WINSLOW


SALT LAKE CITY 23 ROCK SPRINGS 26
TO GRAND JCT.
111° 51'
111°
109°
108°
107° 00'
134
224
BLUE
YELLOW
RED
114
N
A
HANKSVILLE (VHF)
109 I
(116.1,111.1)
STARR NELSON—6304
40 S
MONTROSE (NEW)
MONTROSE-5800
33 S
NUCLA
DENVER
SALT LAKE CITY
UTAH
COLO.
44
94
314
DOVE CREEK—7000
41 S
DURANGO—6878
47 S
LAS VEGAS 79
CORTEZ—6000
50 S
CITY-COUNTY
UTAH
ARIZ.
COLO.
N. MEX.
ALBUQUERQUE 83
MARBLE CANYON
SALT LAKE CITY
ALBUQUERQUE
INDIAN SVC.
ARIZ
N. MEX.
FARMINGTON—6466
88 S
160
168
164
GALLUP CITY-6500
48 S
GALLUP—6460
37 S
WINSLOW-6577
75 H,L,S
WINSLOW
266
(116.1)
DEEP LAKE—6070
40 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
WINONA—6000
40
101
JOSEPH CITY
20
255
GREEN
78
258
74
254
GRANTS
63
METEOR CRATER
18
ALBUQUERQUE
LOS ANGELES
132
42
HOLBROOK—6360
48 L
EL MORRO—7114
42 L S
ACOMITA—6575
41 L S
HOLBROOK MUN.
48 S
TAYLOR-SNOWFLAKE
CAMP VERDE
PINE
PAYSON
135
340
SHOW LOW
ST. JOHNS
48 S
348
344
SPRINGERVILLE-EAGER
PHOENIX
EL PASO
111° 51'
111°
110°
109°
108°
107°
33° 57'
PHOENIX 103
EL PASO 105
SCALE OF MILES
25 0 25 50
• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE A BOUNDARY.
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION

ALBUQUERQUE

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS, FREQS. GUARDED, HRS OF OPERATION
* Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N M)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct Fld lgts prior req
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116 1, 122 1
Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld
* Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct P-line N,W
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct.P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct P-line N,E,SE
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAZ	(3)
→ CLOVIS H Fac. (N.M.)				DECOMMISSIONED
→ CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3);126.18(daylgt hrs.)
← (A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h	TMP INACT.NO FACS.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
* Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
→ Dalhart (Tex)	6.2 SSE;RR E			ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
→ (A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. lgts Use in emerg
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118 5, 122.5
(A) English (Amarillo,Tex)	9 ENE;RR N	3602	50h L6 S6	80, 91 oct ;100 oct Army P-line N,NW
(P) Ft. Sumner (N.M.)	1,5 NE;RR S	4166	60h S6	80 oct
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct (N.M.)
→ Griffin (Walsh, Colo)	0.7 N;RR S	3950	34 S6	80 oct Poles S ,N,
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct Use strips RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct No sto P-line S
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE P-line SSE
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct
NEW FACILITIES				
→ Langhorn(Morairty,N.M)	8.3 ENE;hwy N	6150	33	P-line N
→ Estancia (N.M)	1.5 NNW;RR 0 5 E	6100	36	Ctn-cattle on fld.P-line NE,E.

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS. GUARDED HRS OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct P-line SW S
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126 18, 118 7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	CLOSED
→ La Junta Bridges (Colo)	See Bridges Arpt under "New Facilities"-name changed			
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L2 S4	80 oct.canal N
→ Las Animas (Colo)	1.4 S.hwy 1 N	3900	31 S4	80 oct. P-line W,NW.
LAS VEGAS Range (N.M.)	359(VH)(115.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE, RR 2 W	6857	64h L5 S6	80, 91 oct.Flood lgts on req Use strips only
Maxwell (N.M.)	1.7 N;hwy E	5000	36	
Monte Vista (Colo)	3.5 W,RR N	7710	55 S4	80 oct
Mountainair (N.M.)	1.1 NNE,RR S	6600	28	P-line N Horses on fld
Muleshoe (Tex)	1 ENE,hwy N	3800	42 S1	73 oct
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW
OTTO Range (N.M.)	290(OT)(116.1)	74°,0 2	BMRLZ-DTV	(4);116.1,122.1
* Otto Int,74,LA-AQ (N.M.)	5.8NE Moriarty	6226	41 L3 S1	Ltd 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct Trees N
→ Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE,E. (Colo)
→ Romer (Holly, Colo)	1.5 SSE;riv N	3360	30 S2	Ltd 80 oct.P-line SW,NW,W.
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE Post NE
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW; hwy SE	6308	63h L5 S1	91 oct.airlines Poles E Rnwy lgts on req
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	73,80 oct ;91 oct.emerg
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct No sto (N.M.)
→ Springfield,Com.(Colo)	3.8 N;hwy W	4350	34	Poles NW,W,SW.
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct P-line S,SE
* Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct P-line N
→ Tradewind (Amarillo,Tex)	2.5 S,RR N	3636	32 S6	80,91 oct. P-line SW
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
→ Trinidad (Colo)	10.5 ENE	5756	34 L1 S4	80 oct Use rnwys only
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2 2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

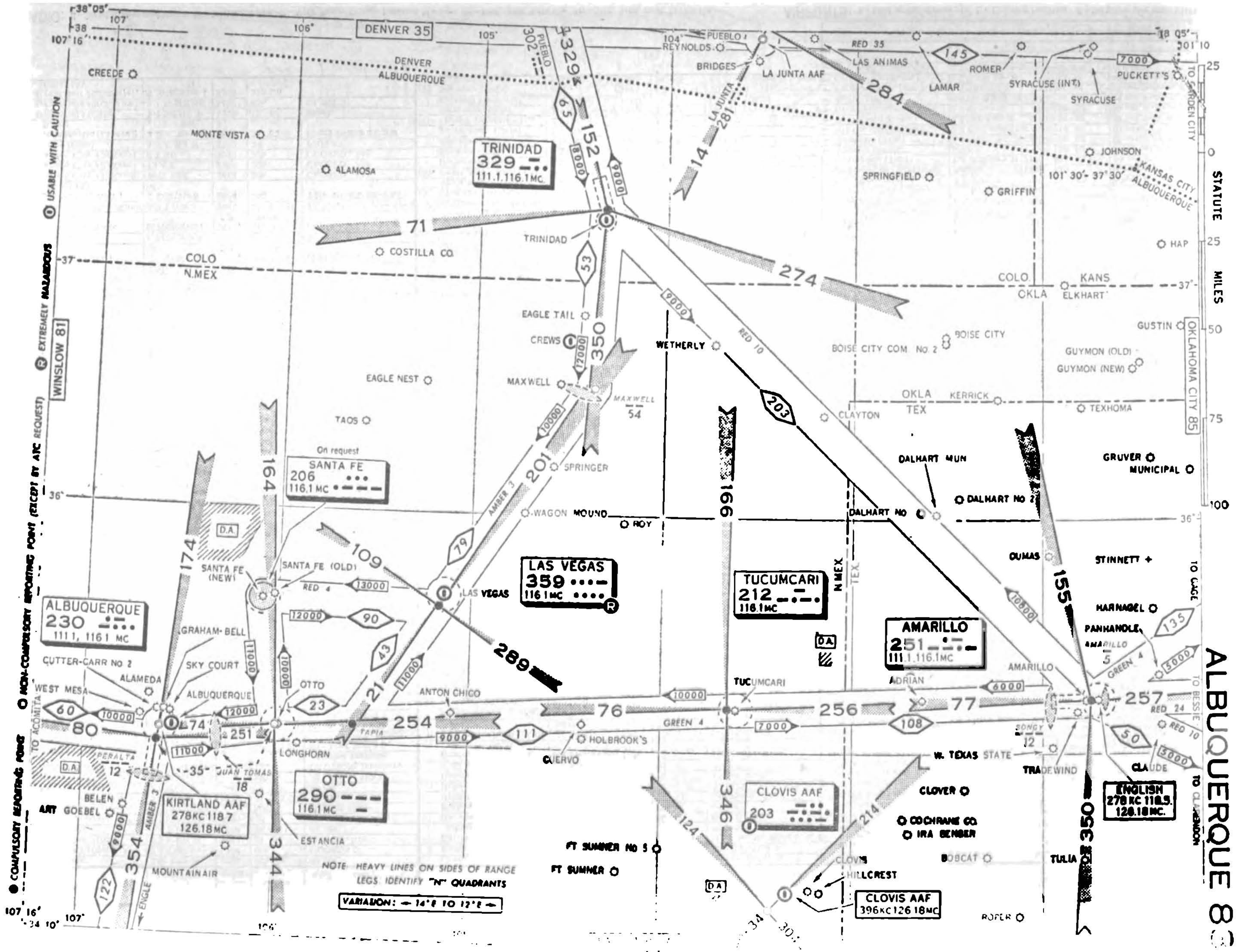
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- . - . - (0.62)	OM- - - (5.92)
					MMK-	OMK- 293
KIRTLAND	110.3	335	349°	IM-	MM- . - . - (0.66)	OM- - - (4.32)
					MMK-	OMK- 248

NEW FACILITIES				
Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E 5 SW	2985	26 S2	80 oct.P-line S.
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.175' twr W.
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW
→ Elkhart (Kans)	0.8 ESE;RR 0.5 NW	3500	32 S2	80 oct.
→ Hap(Hugoton,Kans)	1.5 SW;hwy N	3107	26 S2	80 oct.Poles N,NE.Use
→ Bridges (LaJunta,Colo)	3.3 SSW;hwy,RR W	4250	26 S2	80 oct P-line N stps

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parentheses Numbers in Frequency Column indicate VHF Voice (vhf) - Voice on 119.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.85, 149.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are underlined and non-capitalized


ALBUQUERQUE 83
DENVER 35
DENVER ALBUQUERQUE
CREEDE
MONTE VISTA
ALAMOSA
TRINIDAD 329 111.1.116.1MC
TRINIDAD
COSTILLA CO
COLO N.MEX
EAGLE TAIL
CREWS
MAXWELL
EAGLE NEST
TAOS
WINSLOW 81
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ARC REQUEST)
COMPULSORY REPORTING POINT
SANTA FE 206 116.1 MC
On request
SANTA FE (NEW)
SANTA FE (OLD)
ALBUQUERQUE 230 111.1, 116.1 MC
GRAHAM-BELL
SKY COURT
CUTTER-CARR NO 2
ALAMEDA
WEST MESA
ALBUQUERQUE
PERALTA
KIRTLAND AAF 278KC 118.7 126.18MC
BELEN
ART GOEBEL
MOUNTAINAIR
ESTANCIA
OTTO 290 116.1 MC
OTTO
LONGHORN
JUAN TOMAS
LAS VEGAS 359 116.1 MC
LAS VEGAS
WAGON MOUND
ROY
SPRINGER
WETHERLY
TUCUMCARI 212 116.1 MC
TUCUMCARI
ANTON CHICO
TAPIA
GREEN 4
HOLBROOK'S
CUERVO
FT SUMNER NO 5
FT SUMNER
CLOVIS AAF 203
CLOVIS AAF 396KC 126.18MC
CLOVIS
HILLCREST
AMARILLO 251 111.1.116.1MC
ADRIAN
AMARILLO
W. TEXAS STATE
TRADEWIND
ENGLISH 278 KC 118.3 126.18 MC
CLAUDE
CLOVER
COCHRANE CO
IRA BENGER
BOBCAT
TULIA
ROPER
DALHART MUN
DALHART NO 2
DALHART NO
GRUVER MUNICIPAL
OUMAS
STINNETT
HARNAGEL
PANHANDLE
AMARILLO
GREEN 4
REYNOLDS
PUEBLO
BRIDGES
LA JUNTA AAF
LA JUNTA
LAS ANIMAS
LAMAR
ROMER
SYRACUSE (INT)
SYRACUSE
PUCKETT'S
TO GARDEN CITY
SPRINGFIELD
GRIFFIN
JOHNSON
KANSAS CITY ALBUQUERQUE
HAP
COLO OKLA
KANS
ELKHART
GUSTIN
BOISE CITY
BOISE CITY COM No 2
GUYMON (OLD)
GUYMON (NEW)
OKLAHOMA CITY 85
OKLA TEX
KERRICK
TEXHOMA
CLAYTON
TO ACOMITA
TO CAGE
TO BESSIE
TO CLINTONDON
RED 35
RED 10
RED 24
GREEN 4
AMBER 3
ENGLE
D.A.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: — 14°E TO 12°E —
STATUTE MILES
0 25 50 75 100
25
37°
36°
34° 30'
101° 10'
101° 30'
37° 30'
107° 16'
107°
106°
105°
104°

FACILITY	FREQ. IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h S1	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct.P-line SW,NE
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct.P-line N,E
ANTHONY H Fac.(Okla)	382(AY)(116.1)		MHTV	(4):116.1 122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac.(Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION; Intensive airline training
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct.Poles E
* Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct.Poles S,E
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct.P-line S
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct.P-line W Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct.P-line ft only
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	SW,NW
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts. Pole NW
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
Caddo Fly Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla)Ctn when
Cameron College	2.5 W;RR N	1108	22 S6	80 oct.(Lawton,Okla)
Cassoday Int.34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(4);116.1,122.1
Chanute (Kans)	2 WSW;lk SE	980	22h L4 S6	80,91 oct.
CLARENDON Range (Tex)	233 (CP)	99°, 2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville,Mun.#1	3.5 NE	743	59h S2	80 oct. (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h L3 S6	80 oct.Poles NW;hi-line SW.
Commercial(Okmulgee, Okla)	3.4 E;RR W	682	26 S2	80 oct. Poles SW
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct.Trees SW
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct.(Tex)(Okla)
Community(Ada,Okla)	6.8 WNW	1000	24 S6	80 oct. hwy NE
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4):116.1,122.1
[Dodge City] (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct.Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	24 S2	80 oct.P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S2	80 oct. N,E,S,W blkd.
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1250	56h	TMP INACT.NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct.Hi-line S
Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick (Okla)	2.5 SSE;RR N	1233	60h L6 S6	80,91 oct No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4):116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5 S1	80 oct.
GARDEN CITY Range (Mun.)(Kans)	257(GK)(vhf)	168°, 3.7	SBRAZ-DTV	(4);116.1,122.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct.Fld lgts on req
(A) [Garden City AAF] (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT NO FACS
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1523	24	PRIVATE
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct.P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S2	80 oct.
(A) Grandfield #3(Okla)(A)	3.1 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains (Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct.P-line N
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L6 S4	80,91 oct.No flood lgts or ben.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;fork RRs	615	38h S6	80 oct.
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct.(Tex)
(P) Hobart Mun.(Okla)	3.8 SE;hwy W	1583	54h L S6	80 oct.Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW	864	20	E,NE
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified
HUTCHINSON Range (Kans)	227(HN) (116.1)	350° 3.1	SBMRLZ-DTV	(4):116.1,122.1
Hutchinson, com.(Kans)	5.5 W;hwy N	1605	70 S2	80 oct. P-lines N,NE
(P) Hutchinson,mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	80,91 oct. P-line W
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct.P-line NW,N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct.P-line SE (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S (Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct.Trees S,SW RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line SW. NNW,SSW
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N.(Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct.Fld lgts prior req.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct.P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S2	80 oct.Use strips.P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. N
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct.P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(A) Muskogee AAF (Okla)	See Davis under "New Facilities" - name changed.			NW
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct.Shrubs N,NE.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1.2 NNE;RR S	3234	50 L3 S6	80,91 oct.SE blkd.P-line
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED. E,S,W
* Pampa Int,4,AQ-KC(Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W Twr SW
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct.Use strips only
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct.Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE;RR NW	2942	30 S4	80 oct.No sto.Allway fld.P-line SE,windmill
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct.(Okla) Hwy S
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct.P-line NE,SE,S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4):116.1,122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S,E	998	36h L4 S6	73,87 oct Antenna bet twr & hangar,lgtd
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct.Unmkd gas prior
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft.Sill,Okla)(A)	3 N	1170	50h L5 S4	Ltd 100 oct
Pratt Mun. (Kans)	2.5 ENE;lk SE	1916	25 S6	80 oct.Use strips only
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre,Okla.)	2.3 N;hwy W	1960	26 S6	80 oct
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct.Trees W,NW
Sentinel Memorial	0.8 SSW;RR W	1600	26 S2	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct.Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct.Poles N,S req.
Stark (Coldwater,Kans)	0.7 NE,RR SE	2100	29 S2	80 oct.Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1310	26 S6	73,80 oct.Poles E,N
* Stroud Int,9A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd (Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW
TINKER Army Rng (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
(A) Tinker (Okla City,Okla)	8.5 SE,RR NE	1272	78h L5 S6	73,100 oct [P-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct.P-line S,E
TULSA Range (Okla)	245(TSX)(116.1)	225°,1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5
(A) [Tulsa] (Okla)	6.2 NE,RR S	674	71h L6 S6	73-91 oct 73,100 oct
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct [Army Poles S,SW,SE.
Turkey (Tex)	2.7 SSW,hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy 0 5 W	2225	38 L3	(Tex) P-line W
Vernon (Tex)	5 N,hwy E	1250	43h S6	73,80 oct No sto.
Vernon Int,15,AQ-FV	8.8 NNW;hwy E	1332	32 L3	(Tex)
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S,hwy W	1540	27 S6	80 oct.
Walker (Ada,Okla)	5.4 S;rd S,N	870	32	PRIV Trees sur fld
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct P-line N.
Walters (Sedan,Kans)	8 N;hwy W	1000	26	PRIVATE
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct.P-line N,NE
Weatherford (Okla)	2.7 ENE,hwy S	1550	27 S6	80 oct.P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct.P-line NNE.
(P) Wewoka,mun.(Okla)	4.7 NE;hwy W	790	30	Emerg only.
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4): 122.5,126.18, 118.7
(NG) [Wichita](Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct Army 100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct (Claremore,
WILL ROGERS Tower (Okla City,Okla)	272 (118.7)		AC (ILS)	(4):118.7,126.18, [Okla) 122.5
[Will Rogers](Okla City)	7.5 SW;hwy E	1283	57h L6 S6	91,80,100 oct (Okla)
(P) Woodring (Enid,Okla)	5 ESE;RR N	1159	65h L5 S6	80,91 oct.
Woodward (new)(Okla)	7.5 W;hwy S,E	2187	55h L5 S2	80,91 oct Lgts on req
Woodward (mun)(Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
TULSA	110.3	335	354°	IM-	MM- •—•—(0.65) OM- ——(4.82)
					MMK- OMK-263 —
WICHITA	110.3	335	3°	IM-	MM- •—•—(0.69) OM- ——(5.37)
					MMK 201— OMK- 317 •——
WILL ROGERS	109.9	333.8	350°	IM-	MM- •—•—(0.66) OM- ——(4.6)
					MMK- OMK-

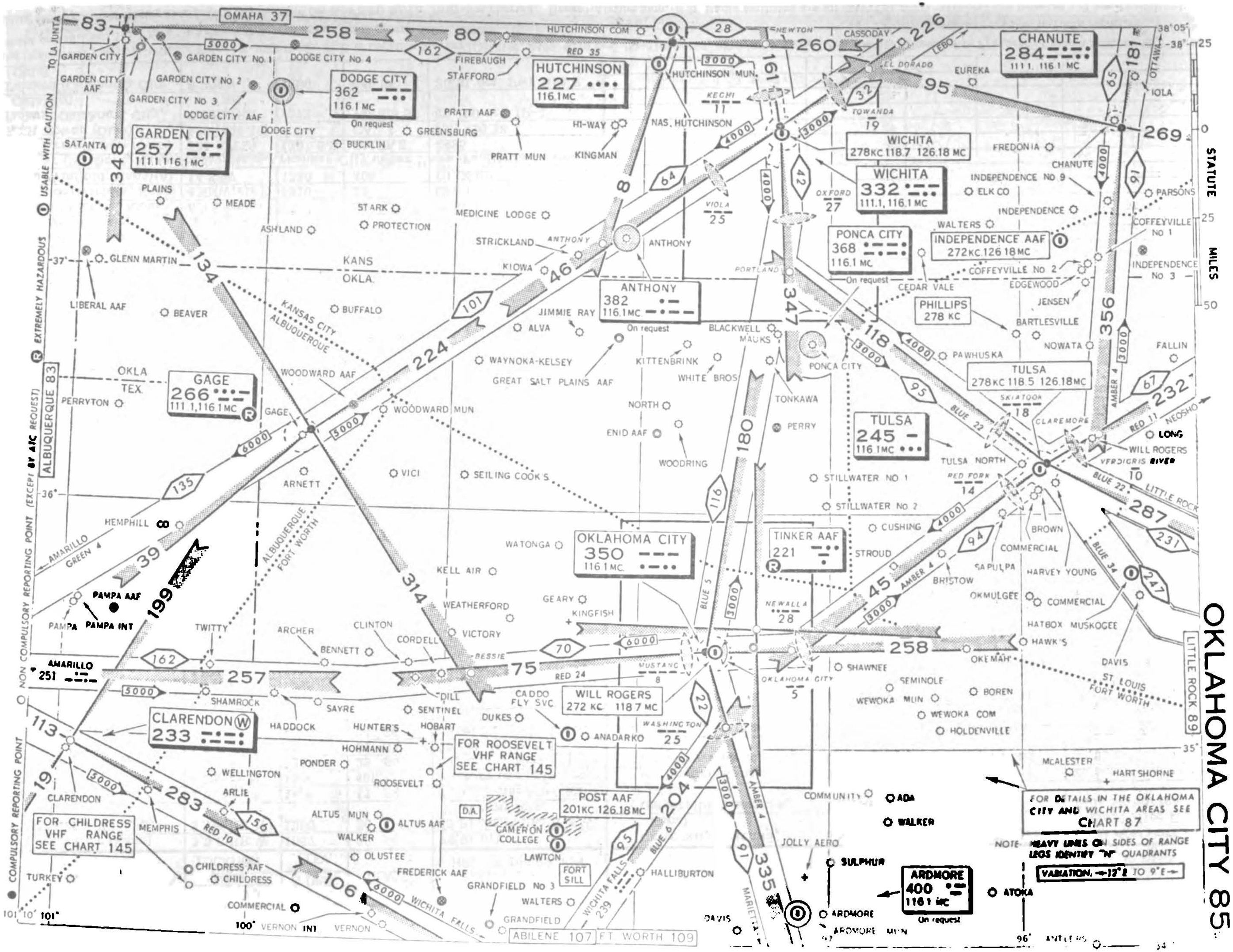
NEW FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range(Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450	23 S1	73 oct
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	22 S6	80 oct.Trees NE,SW.
Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct.P-line E,N,NE.
Davis(Healdton,Okla)	1.3 E;crk W	800	20 S2	80 oct S,SW.
Hartshorne (Okla)	1 NNW	700	13	Emerg use only
Hawk's(Henryetta,Okla)	1 N;rd N,E	862	18 S2	80 oct.
Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW.Emerg
Kingfish(Hinton,Okla)	3.7 N,hwy W	1545	18	only
Okemah (Okla)	1 E;city W	870	33 S6	80 oct P-line N,NE
Seiling-Cook's(Seiling)	Adj E	1700	20	P-line N;trees S (Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct P-line S
→ Augusta (Kans.)	1 NNE	1260	26 S2	80,91 oct,S blkd.
→ Memphis (Tex.)	1.4 NNE	2100	38 S2	80 oct,E,SE blkd.
→ Elk Co. (Moline,Kans.)	2.3 ENE;hwys SW	1050	19 S1	80 oct.
→ Protection (Kans.)	0.6 SSE;hwy S	1830	24 S2	80 oct.Pole W,Use strips only
→ Hi-way (Kingman,Kans.)	2.3 W-hwy S	1580	24 S2	80 oct.P-lines SE,S.
→ Bucklin (Kans.)	0.6 SW;RR N	2400	26 S2	80 oct.Poles N,W.Use strips.
→ Firebaugh (St.John,Kans)	1.7 NNE;rd E	1885	26 S2	80 oct.Poles N,E.Derrick S.
→ Cedar Vale (Kans.)	1.5 WNW;hwy S	1000	26 S1	80 oct,Poles N,W.
→ Davis (Muskogee,Okla)	5.5 S;RR W	610	56h	Hill SW

RADIO: S - Slant. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) o - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY 85



FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
➔ Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	80,91 oct. P-line N,S,W. Port rnwy lgts.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct. P-line S,SW. (Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only. obst lgts.
Bomhoff (Calumet, Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita, Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct. No sto. P-line N.
Central (Edmond, Okla)	2.6 NNE	1211	24	RRW
➔ Cessna (Wichita, Kans)	4.5 SE	1369	53 S2	80 oct. Wichita Arpt 1 N.
(P) Chickasha (Okla)	4 NNW; riv S	1140	35h L S6	80,91 oct. Flood lgts.
Cimmarron (Yukon, Okla)	4 WSW; hwy N	1350	20h	Eme. g only. P-line NE,E.
➔ Culver (Wichita, Kans)	4 N	1320	15h	Private-200' twr 1 NW
➔ Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE; hwy W	1400	25 S6	80 oct. Soft, wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct. Port rnwy lgts.
Frasier (El Dorado, Kans)	2.5 S; riv W	1300	25 S6	80 oct. Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Mun	2 SSE; hwy W	1052	26 L3 S6	80 oct. (Okla)
➔ Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
Ken-Mar (Wichita, Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto. Port rnwy lgts. Obsts.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct. Poles N,S.
Mariash (Chickasha, Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	80 oct. P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno, Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE; rd S	1527	70h S6	80,91 oct. P-line W,N.
Nuckols (Okla. City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct. Poles N,W,SW
OKLAHOMA CITY Range (Will Rogers) (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E; hwy S	1396	26 L S6	80,91 oct. Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW; riv E	1310	26	Use in emerg only.
(A) South (Winfield, Kans) (A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	See Winfield-Arkansas City under "New Facilities" - name chg.			
TINKER Army Range (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S; road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE; hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332 (WD) (vhf)	167°, 1.0	SBRAZ-DTV	(3); 116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG) [Wichita] (Kans)	5.3 SE	1373	75h L6 S6	80,91 oct. 100 oct. for Army.
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7, 126.18, 122.5
[Will Rogers] (Oklahoma City, Okla)	7.5 SW; hwy E	1283	57h L6 S6	80,91,100 oct. Port lgts prior req.
➔ Wilson (Wichita, Kans)	7.6 NE	1410	29 L S6	80,91 oct. P-line N,NE,NW.
Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only Pwr line N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WICHITA	110.3	335	3°		MM- • — • —(0.69)	OM- — —(5.37)	
					MMK-201—••	OMK- 317 • — —	
WILL ROGERS	109.9	333.8	350°	IM-	MM- • — • —(0.66)	OM- — —(4.6)	
					MMK-	OMK-	

NEW FACILITIES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Lexington-Purcell (Lexington, Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct. No sto.
Country Club (Okla. City, Okla)	7.3 S; hwy E	1250	19h S6	80 oct.
(P) Winfield-Arkansas City ➔ (Winfield, Kans)	5.7 SSW;RR SE	1150	58h L5 S2	80 oct. No bcn. Use strips.

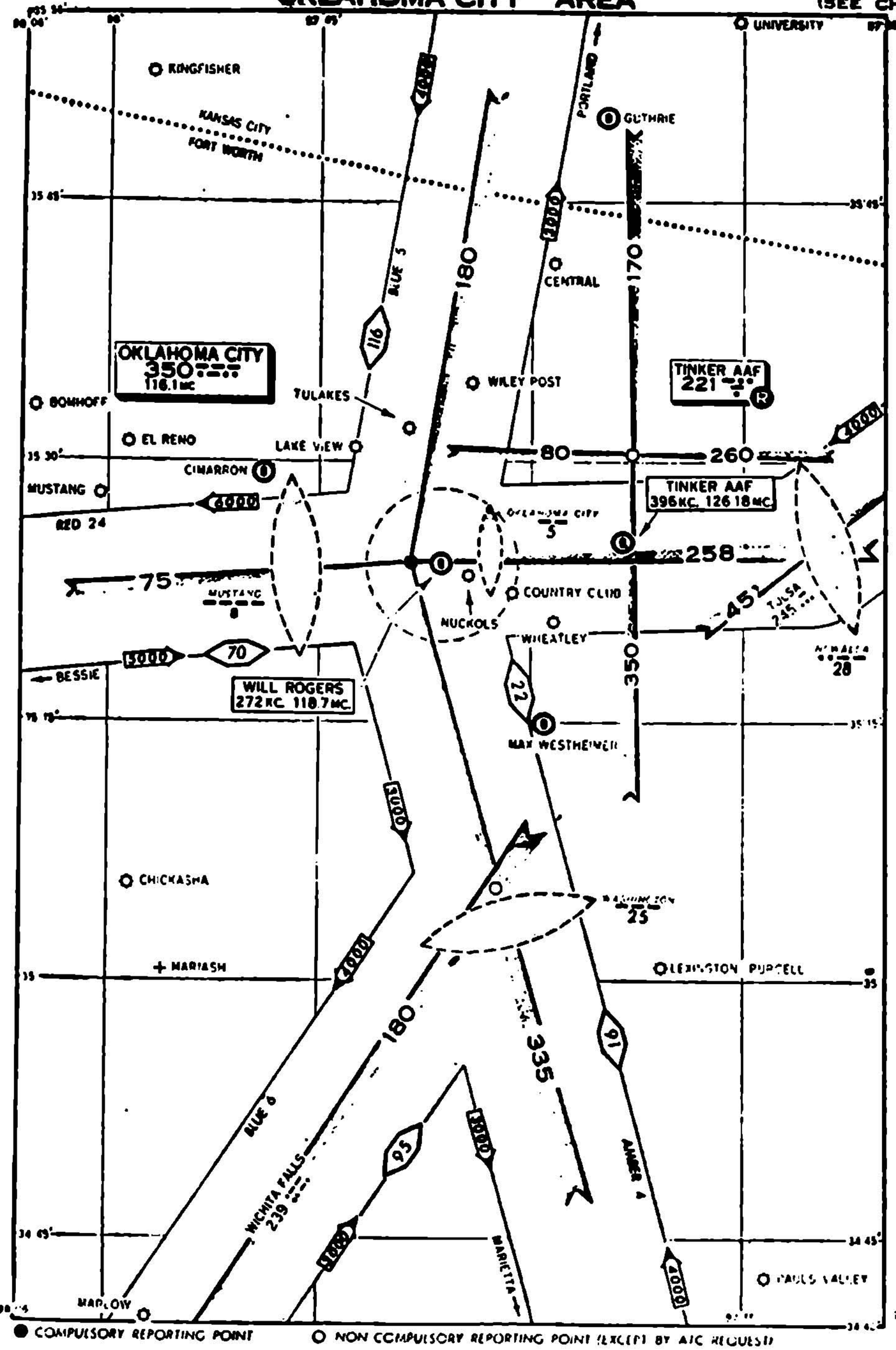
S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities

L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 88)



WICHITA AREA

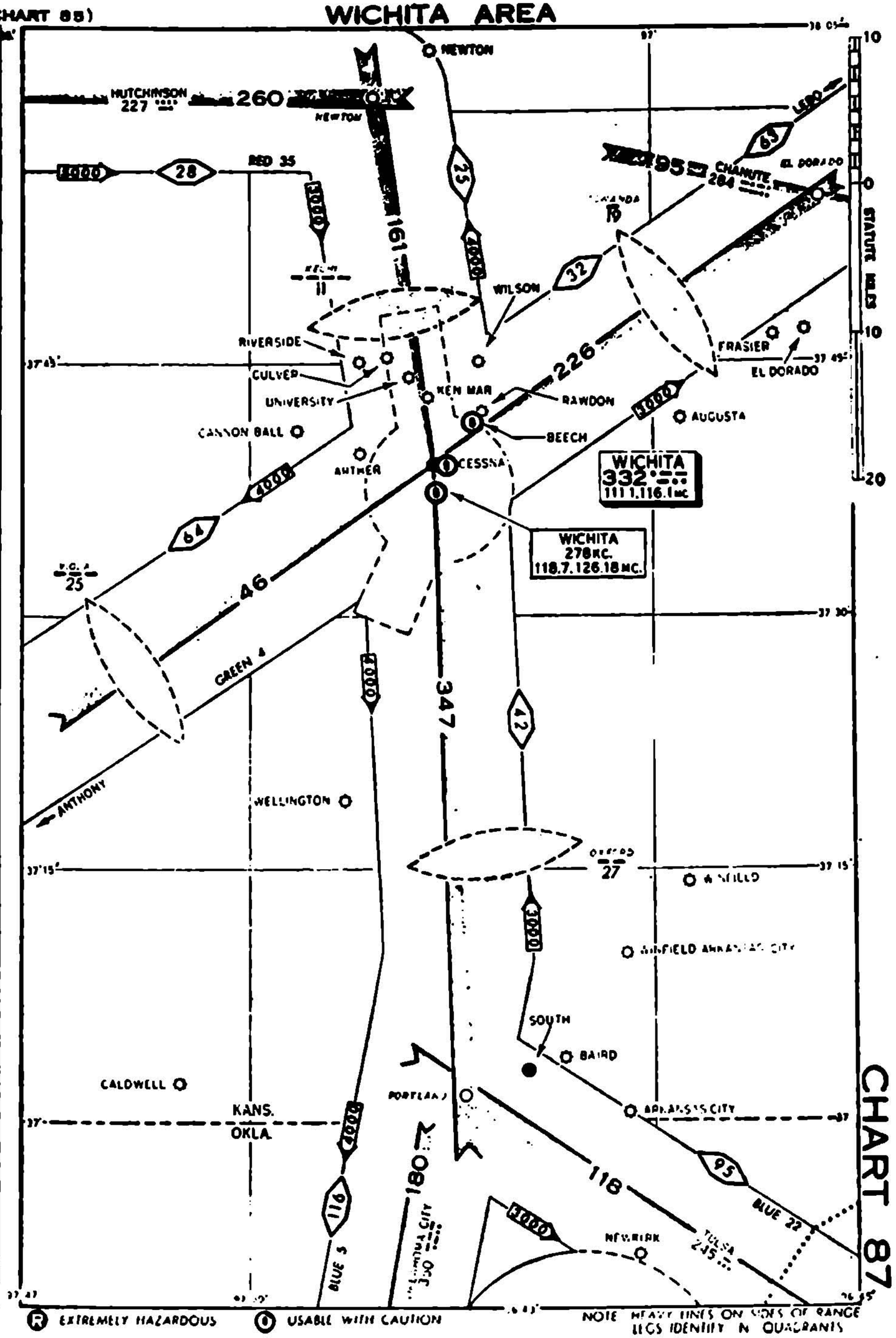


CHART 87

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS

LITTLE ROCK

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams](Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 oct, JP-1,2-ecn maint NC.
ADVANCE Range (Int.) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd. Trees S.
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct. P-line SPRIVATE
→ American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
→ Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80,91 oct.SE blkd. P-line W.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct. Flood,obst lgts.
→ Bailey (Cabot, Ark)	0.5 W;RR S	270	16 S2	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
→ Batesville (Ark)	3 S;hwy E	400	25 S5	80 oct.N,W blkd.P-line
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd. W,N.
→ Benton (Ark)	1.6 W;hwy N	300	20 S2	80 oct.P-line S.Trees
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
→ Berryville (Ark)	1.3 WNW	1150	13 S1	70 oct.Trees S.hwys N,S.
→ Biggers (Ark)	2 ESE	290	45	RR 2 NW Cattle on fld.
BLYTHEVILLE Range (Ark)	221 (LY)	226°, 14.2	RLWZ	
(P) Blytheville (Ark)	3.5 NW	254	50h S6	80,91 oct.
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct.N,S blkd.Hwy N.
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct.Floodlgts; port rnwy lgts.Poles
Branson (Mo)	4 W;mtn NNW	1069	19 S4	80 oct.W,NW blkd. SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;hwy N	188	31 L3 S1	80 oct. days.Obst NW. Heavy acft emerg only.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
→ Cape Commercial (Mo)	4.8 SW;Hwy N	340	35	CLOSED. P-line N
Carbondale (Ill)	1 E;Ill 1.5 SW	450	23 S6	80 oct.
→ Carlisle (Ark)	3 NE; RR S	236	45h	CLOSED.
Carthage (Mo)	See Meyers Field under "New Facilities" - name changed			
Cassville (Mo)	3.9 S;hwy E	1375	26 S1	80 oct.P-line NE.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles S,wer (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'.
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct.P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct.P-line N,E.
→ Cooter (Blythev'l,Ark)	10 NE			ABANDONED
Cox (Calico Rock,Ark)	1.8 N	425	18	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S6	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct.SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S
Embry Hollie (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
→ Erwin (Newport,Ark)	1.6 SE;rd S	220	45h	CLOSED.
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct.Poles E,N
→ Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	4.5 S;riv E	1251	38 S6	80 oct.P-line SW;ctn.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-lineFSE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED. Stacks W.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct.N/S strip rough.
Girard (Kans)	1.7 WNW	950	14	P-line S,WSW Poles W.
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern,Ark)	7.5 W SW	275	26 S2	73 oct.P-line NE.RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct. P-line N
→ Harrison (Ark)	4.1 NW;RR,8 S	1380	32 S2	80 oct.SE,S,NW blkd.
→ Heber Spgs (Ark)	1.5 NNE;hwy E	625	24 S1	80 oct.P-line E N blkd.
Hazen (Ark)	3.8 WSW	225	45h	
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
→ J.B.Wilson (Joiner,Ark)	0.5 ENE			ABANDONED.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	3.6 ESE; hwy S	1183	27 S4	80 oct. Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR all sides	264	44h S6	80,91 oct.Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S6	80, 91 oct. P-line NE
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S Hwy ESE
* Lebanon , 54B, AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct.(Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S. S blkd.
McFarland (Springfield)	4 SSE;hwy E	1310	34 S6	80 oct. P-line S,NW(Mo)
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" - Name changed.			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
→ Manila	1.6 NE	240	55	CLOSED.Cattle on fld.
Marks (Miss)	1.5 NW;hwy N	165	22 S2	73 oct.P-line S.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd.Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req. Rnwy lgtg data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct. Lgts on
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E req.
Milltown (Tuckerman,	4.5 E;	244	45h	(Ark).Emerg only.
→ Monett (Mo)	0.5 NE;hwy S	1091	26 S4	80 oct. P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct. P-line SW,NW
Neosho 43B,AQ-SL(Mo)	2.8 SW;hwy E	1215	26 L3 S6	80 oct.P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts
→ Norman (Okla, Ark)	1.8 NNE	348	28	P-line SE Closed on req.
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E wet,
→ Overholt (Cotton Plant)	3 W;hwy S,W	250	18 S1	(Ark) 80 oct.Ctn when
(P) Oxford (Miss)	8 S;hwy E	400	50 S6	80,91 oct.Trees NW.Soft,
→ Paris (Ark)	1.8 NE;RR W	500	23 S1	80 oct.SW,W blkd.P-line
Poteau (Okla)	1.5 SSW	460	17	RR NW,E E,NE.
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N
Prairieville (Almyra,Ark)	3 W	205	45h	
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	18 S2	80 oct. NE.
→ Rogers (Ark)	2.7 N;RR E	1325	32 S6	80 oct. SE blkd.Trees
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38 L4 S6	80,91 oct. Lgts prior req. Pwr line N
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
→ Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. PRIVATE.
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	40 S6	73,80 oct.Trees E.
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct.P-line NE,SE
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
→ Springdale (Ark)	0.8 SSE; RR,5 W	1200	19 S4	80 oct. P-line NE,SW S,NW blkd.
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct. JP-1 ArmyUse rnwys only
→ Steele (Blythev'l,Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
Stuttgart (Ark)	7 N;RR E	230	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
→ Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	50h S6	73,80 oct
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	80,91 oct.Twr NW lgtd
→ Tucker (Hughes,Ark)	1.1 S			ABANDONED.
(A) Walcott #3 (Walnut Ridge, Ark) (A)	14 ESE	285	45h	1.5 W of Walcott. CLOSED.NOT MAINT
WALNUT RIDGE Range (Ark)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	AFFR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- (0.69)	OM- (4.88)
				MMK-201		OMK- 215
				IM-	MM-	OM-
					MMK-	OMK-

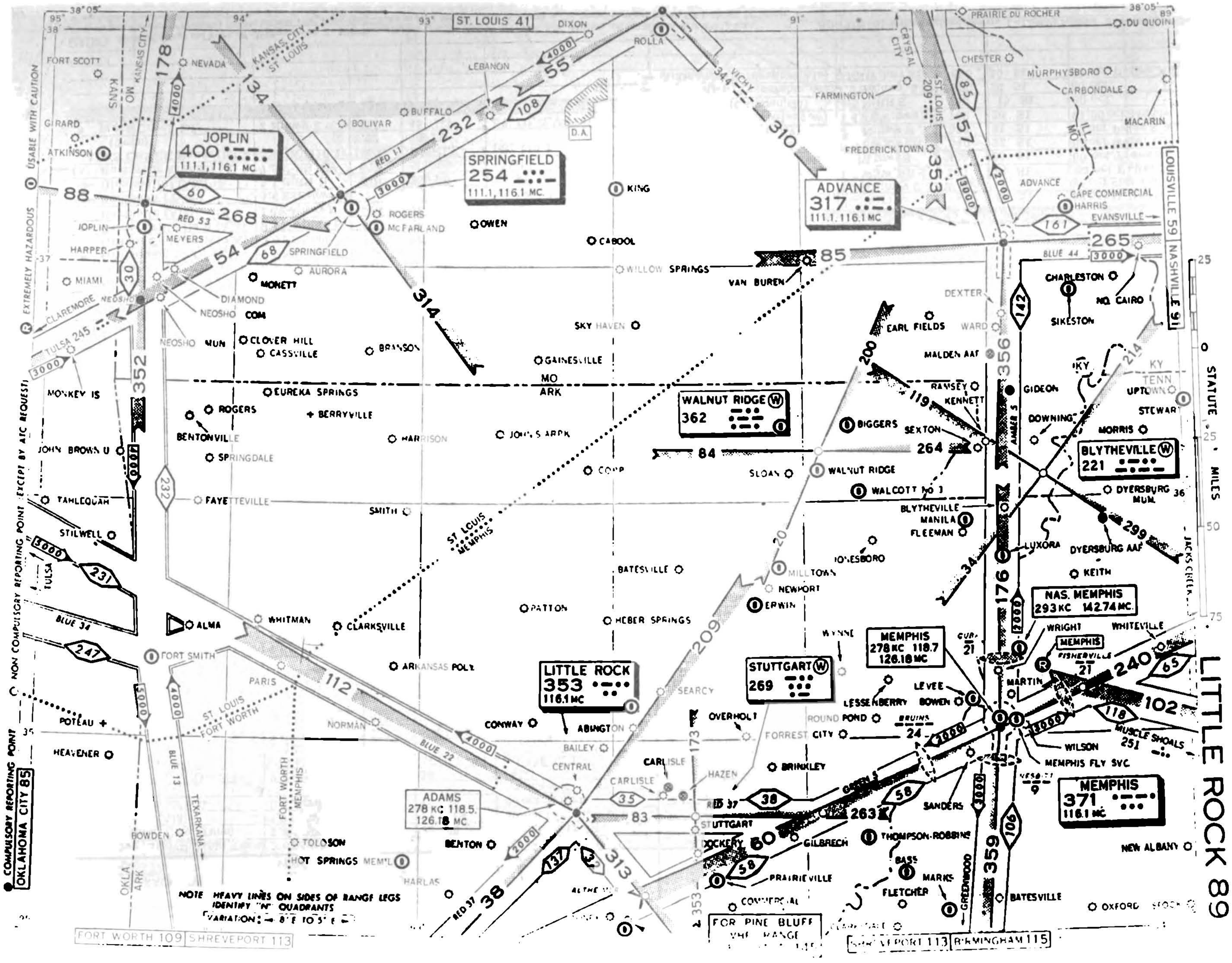
NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Spook (Pontotoc,Miss)	2 W;hwy N	3000	15 S1	80 oct.P-line N.
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
→ Whitman (Ozark,Ark)	1.2 NNW	600	25 S1	80 oct. Hwy SW. Bldg SW
Martin (Memphis,Tenn)	6 ENE;RR N	258	22 S6	80,91 oct.P-line S.
→ Ozark Skyranch (Eureka Springs,Ark)	See Eureka Springs under "New Facilities" - name changed.			
Central(N.Lit'l Rock,Ark)	5 ENE;hwy S	255	35 S4	80 oct.Trees W.Caution.
→ New Albany (Miss)	2 W;hwy S	450	15 S1	80 oct All apps blkd exc N,S
Wright (Memphis,Tenn)	9N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Obion,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR SE	350	12 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.3 N	650	24 S1	73 oct.P-line both ends.Soft
Lessenberry (Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S;hwy E	755	25	N,NE,S,SW blkd.
Owen (Seymour,Mo)	3 NE	1600	21 S2	80 oct.Use strip only.
Gainesville (Mo)	2 ENE hwy SW	1060	18 S1	80 oct.Trees NW.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE.Bldg N
Clover Hill Exeter,Mo)	0.7 WNW	1530	13	Use strips only.
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd. Poles
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. NW,NE.
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti,Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.
Stewart (Union City,Tenn)	5 ESE;hwy NE		18h L S6	80,91 oct.Floodlgts.
Meyers (Carthage,Mo)	2 S;hwy E	1007	26 L S6	80 oct.Port rnwy lgts
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80oct P-lineNE,SW,E,S
Harper (Joplin,Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd Poles
Owen (Seymour, Mo)	3 NE;orchard E	1600	21 S2	80 oct.Use strip only. NW,
Gainesville (Mo)	2.0 ENE;hwy SW	1060	18 S1	80 oct.Trees NW NE
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE;bldg N
Clover Hill Airstrip	0.7 WNW	1530	13	Use strip only
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti, Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N;trees S
Buffalo Mun.(Mo)	1.2 NW;hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N;p-line S
Dixon (Mo)	1.5 W;RR S	1220	16 S1	80oct TreesNNE,NW
Sikeston (Mo) (Ark.)	2 NE; RR S	315	58 S6	80 oct. P-line W.
(P)Hot Springs Memor'l	3SW;hwy N	525	4ih L5 S6	80,91 oct. Lgts prior req.
→ Eureka Springs (Ark)	6.5 NW;riv E	1150	24 S1	80 oct.NW blkd.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1; 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page) → ← NEW OR REVISED DATA (NC)-Not charted. [Coast]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ST. LOUIS 41
DIXON
ROLLA
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
FARMINGTON
CRYSTAL CITY
FREDERICK TOWN
FORT SCOTT
NEVADA
LEBANON
BUFFALO
BOLIVAR
GIRARD
ATKINSON
JOPLIN
400
111.1, 116.1 MC
SPRINGFIELD
254
111.1, 116.1 MC
ADVANCE
317
111.1, 116.1 MC
KING
OWEN
CABOOL
ROGERS
McFARLAND
MEYERS
HARPER
MIAMI
CLAREMORE
TULSA
MONETT
AURORA
SPRINGFIELD
DIAMOND
NEOSHO
SKY HAVEN
WILLOW SPRINGS
VAN BUREN
DEXTER
EARL FIELDS
WARD
MALDEN AAF
CHARLESTON
NO. CAIRO
SIKESTON
CLOVER HILL
CASSVILLE
BRANSON
GAINESVILLE
MO
ARK
EUREKA SPRINGS
WALNUT RIDGE
362
RAMSEY
KENNETT
BIGGERS
SEXTON
GIDEON
UPTOWN
STEWART
DOWNING
MORRIS
BLYTHEVILLE
221
ROGERS
BENTONVILLE
SPRINGDALE
BERRYVILLE
HARRISON
JOHN BROWN U
SLOAN
WALNUT RIDGE
WALCOTT NO 1
DYERSBURG MUN
BLYTHEVILLE
MANILA
FLEEMAN
TAHLEQUAH
FAYETTEVILLE
SMITH
STILWELL
LUXORA
DYERSBURG AAF
KEITH
BATESVILLE
PATTON
MILLTOWN
NEWPORT
ERWIN
JONESBORO
NAS. MEMPHIS
293 KC 142.74 MC
ALMA
WHITMAN
CLARKSVILLE
HEBER SPRINGS
WYNNE
MEMPHIS
278 KC 118.7
126.18 MC
WRIGHT
WHITEVILLE
MEMPHIS
FISHERVILLE
FORT SMITH
ARKANSAS POLY
LITTLE ROCK
353
116.1 MC
STUTTGART
269
LESSENBERRY
BOWEN
LEVEE
MARTIN
POTEAU
HEAVENER
CONWAY
ABINGTON
NORMAN
BAILEY
CENTRAL
SEARCY
OVERHOLT
ROUND POND
BRUINS
FORREST CITY
WILSON
MUSCLE SHOALS
MEMPHIS FLY SVC
BRINKLEY
CARLISLE
HAZEN
ADAMS
278 KC 118.5
126.18 MC
BENTON
BOWDEN
TOLOSON
HOT SPRINGS
HARLAS
STUTTGART
ROCKERY
GILBRECH
THOMPSON-ROBBINS
SANDERS
MEMPHIS
371
116.1 MC
NEW ALBANY
BASS
MARKS
FLETCHER
PRAIRIEVILLE
COMMERCIAL
BATESVILLE
OXFORD
FOR PINE BLUFF
VHF RANGE
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8°E TO 9°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON COMPULSORY REPORTING POINT EXCEPT BY ATC REQUEST
COMPULSORY REPORTING POINT
OKLAHOMA CITY 85
FORT WORTH 109
SHREVEPORT 113
SHREVEPORT 113
BIRMINGHAM 115
LOUISVILLE 59
NASHVILLE 91
LITTLE ROCK 89
STATUTE MILES
25
50
75
178
134
55
232
108
344
VICHY
310
157
85
353
88
60
268
RED 11
RED 53
54
68
30
314
85
265
142
161
BLUE 44
3000
4000
2000
200
119
214
KY
TENN
356
AMER 5
264
84
176
299
34
240
65
102
118
251
106
359
263
58
60
38
RED 37
83
35
137
313
173
209
112
BLUE 22
BLUE 13
TEXARKANA
FORT WORTH MEMPHIS
OKLA ARK
ST LOUIS FORT WORTH
ST LOUIS MEMPHIS
TULSA
231
247
BLUE 34
5000
232
20
36
21
24
9

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Abernathy(Pulaski,Tenn)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW. req.
➝ Athens (Ala)	3.2 NNW;hwy E	780	27 L S4	80 oct. Strip lgts prior
➝ Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct. S blkd Soft when wet.
Beaver Dam (Decatur)	7 E;RR W	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(P) [Berry] (Nashville,Tenn)	6 SE;hwy S	606	55h L6 S6	73,100 oct
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct. Fld lgts on req.to commun. stn.
Boyd (McMinnville,Tenn)	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE,SW
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S;RR E	557	54h L5	
CHATTANOOGA Range (Tenn)	341(CG)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
[Chattanooga-Lovell]	5.5 E;RR E	678	45h L5 S6	80, 91 oct. (Tenn)
Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct Sto.in emerg. Poles W.
➝ Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	39 L3 S1	80 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct.Flood,strip lgts 2200, Mon thru Thurs.
➝ Courtland (Ala)	1.8 W	588	50h	CLOSED.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct.No sto.(Tenn)
Dalton (Ga)	5.7 ESE	700	22 S1	80 oct.
Davenport (Ft.Payne,Ala)	1.1 E;RR,hwy NW	1010	26 L S4	80 oct.Flares prior req.
DeSoto Park Land.Strip (Ft.Payne, Ala)	6 NE	1556	18	
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	.P-line E;trees W
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct.E blocked.
Garnett (Hopkinsv'l,Ky)	5.5 SSE;RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
★ Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
➝ Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	Reservoir S.P-line SE.
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct. Ctn.
➝ Humboldt (Tenn)	4.6 ESE;hwy W			ABANDONED.
➝ [Huntsville] (Ala)	3.1 S;RR E	610	38h S6	80-91 oct.Hills NE,E,S.
➝ (A) Huntsville Arsenal (A)	7 SW;RR NW	677	50h L5	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186° 2.62	BMRLZ-DTV	(4); 116 1
★ Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
NEW FACILITIES				

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct.Hwy E. (Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct No sto.
Lexington (Tenn)	0.5 E;RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N.
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
★ Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct.P-line NW.(Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
➝ Muscle Shoals (Ala)	1.5 E;rd N	545	40h L5 S1	80,91 oct No fuel for mil
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBMRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W
[Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct.No sto.Fld lgts prior req.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct.No sto.P-line N
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct.S blkd. Hwy E
Sky Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct, No sto. P les NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
★ Smithville Int,5,NA-WA	1 E;rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, ➝ Tenn)(A)	17 SE;RR SW	512	55h	TMP INACT-NO FACS.
S.T.College(Murfreesb'o)	2 E; hwy N	600	34 S4	80oct.Poles N.(Tenn)
Thomas(Chattanooga)	3 N;RR E	640	38	(Tenn)
University of South	1.8 WNW;RR NE	870	23 S2	80 oct. (Cowan,Tenn)
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma
Wood-Dearing(Russellv'l,Tenn)	4 F	780	20 S4	Fuel from town Tenn)

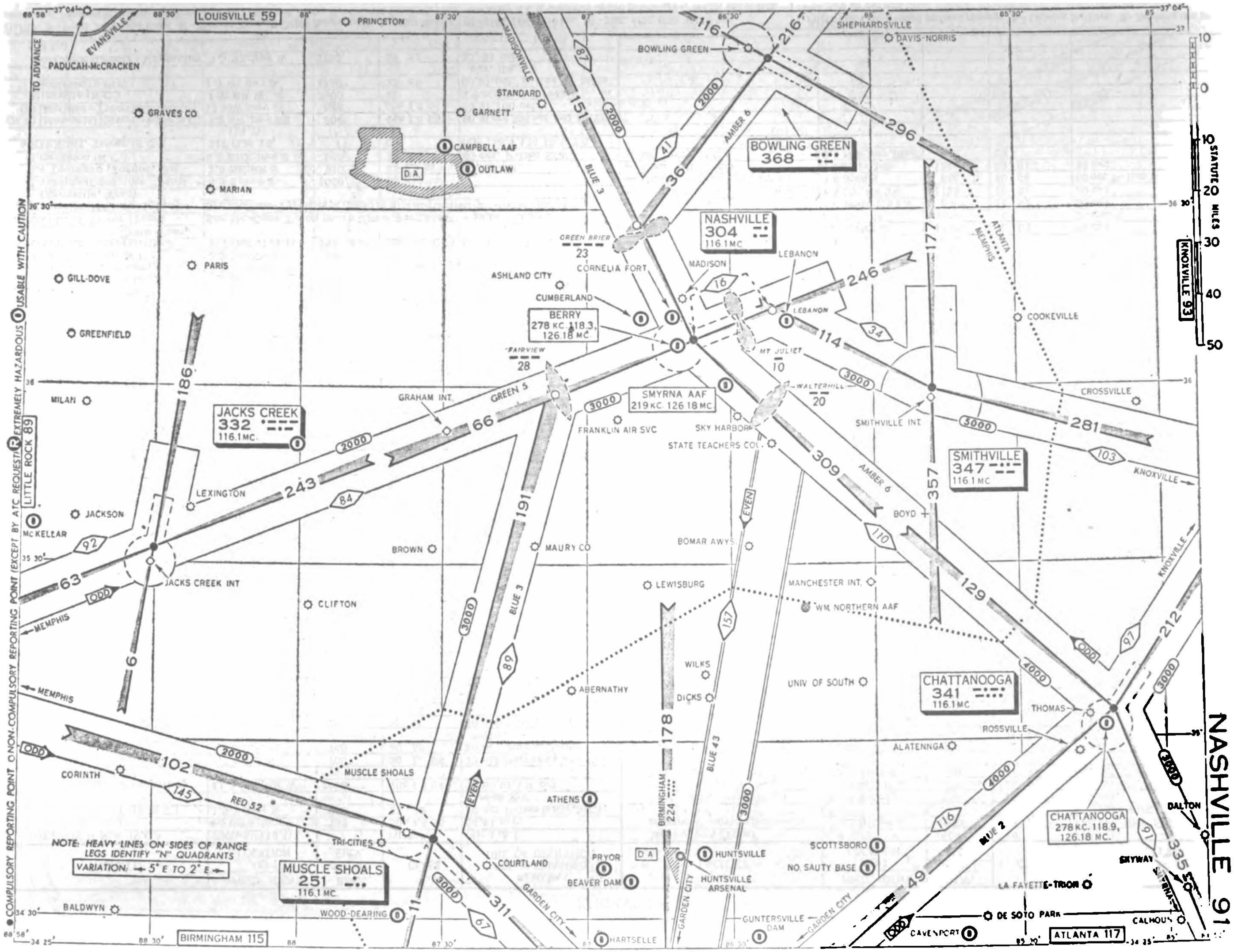
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM-•—•—(0.81)	OM- — — (5.7)
					MMK-356 •—••	OMK-375 ••—
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM-••••••(0.81)	OM- — — (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
Greenfield (Tenn)	2 SSW;riv S	410	35 S1	80 oct.P-line N NW -
Moody(Oneonta,Ala)	1.5 NE;hwy 0.5 NW	790	18 S4	80 oct.Soft when wet,blkd,
Abington (Beebe,Ark)	1.5 WSW;RR S	300	24 S1	80 oct.P-line SE,N,NE.
Princeton (Cedar Bluff)	4 SSW;hwy S	400	25 S1	80 oct.Trees SW.(Ky)
Standard (Elkton,Ky)	0.5 SW;hwy N	540	22 S1	80 oct.Water tank E of N
Marian (Hazel, Ky)	3.2 N;hwy E	532	21 S1	80 oct.Poles E,NE. end
Davis-Norris (Glasgow)	1.4 WSW;hwy SE	760	20 S1	91,80 oct.Muddy. strip
➝ Skyway (Calhoun,Ga)	4.5 N;RR E	730	15 S1	80 oct.
➝ Tri-Cities (Tuscumbia,Ala)	1.2 SW;hwy .5 ENE	500	26 S4	80 oct.
➝ Alatennga (Bridgeport,Ala)	3 NNW;hwy SE	650	20 S4	80 oct.P-line NE.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➝ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LOUISVILLE 59
PRINCETON
EVANSVILLE
PADUCAH-McCRACKEN
TO ADVANCE
GRAVES CO
STANDARD
GARNETT
CAMPBELL AAF
D A
OUTLAW
MARIAN
MADISONVILLE
BLUE 3
87
151
2000
BOWLING GREEN
116
216
SHEPHARDSVILLE
DAVIS-NORRIS
41
AMBER 6
36
BOWLING GREEN
368
296
NASHVILLE
304
116.1 MC
GREEN BRIER
23
CORNELIA FORT
ASHLAND CITY
CUMBERLAND
BERRY
278 KC. 118.3,
126.18 MC
FAIRVIEW
28
MADISON
16
LEBANON
246
177
ATLANTA
MEMPHIS
COOKEVILLE
34
114
MT. JULIET
10
WALTERHILL
20
3000
SMYRNA AAF
219 KC. 126.18 MC
FRANKLIN AIR SVC
SKY HARBOR
STATE TEACHERS COL.
SMITHVILLE INT.
CROSSVILLE
281
103
KNOXVILLE
SMITHVILLE
347
116.1 MC
309
AMBER 6
357
BOYD
110
PARIS
GILL-DOVE
GREENFIELD
MILAN
186
JACKS CREEK
332
116.1 MC
GRAHAM INT.
GREEN 5
66
2000
243
84
LEXINGTON
191
BLUE 3
3000
EVEN
JACKSON
LITTLE ROCK 89
McKELLAR
92
63
ODD
JACKS CREEK INT
MEMPHIS
6
BROWN
MAURY CO
BOMAR AWYS
CLIFTON
LEWISBURG
MANCHESTER INT.
WM. NORTHERN AAF
129
157
WILKS
DICKS
ABERNATHY
UNIV OF SOUTH
CHATTANOOGA
341
116.1 MC
THOMAS
ROSSVILLE
ALATENNGA
97
212
4000
178
BIRMINGHAM
224
BLUE 43
CORINTH
102
145
RED 52
MUSCLE SHOALS
ATHENS
TRI-CITIES
NOTE: HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5° E TO 2° E
MUSCLE SHOALS
251
116.1 MC
COURTLAND
PRYOR
D A
HUNTSVILLE
HUNTSVILLE ARSENAL
SCOTTSBORO
NO. SAUTY BASE
BEAVER DAM
GARDEN CITY
BLUE 2
116
49
91
335
DALTON
SKYWAY
LA FAYETTE
E-TRON
DE SOTO PARK
CALHOUN
CAVENSPORT
BALDWYN
WOOD-DEARING
11
311
67
HARTSELLE
GUNTERSVILLE DAM
BIRMINGHAM 115
ATLANTA 117
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
BY ATC REQUEST
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
10
20
30
40
50
KNOXVILLE 93
NASHVILLE 91

KNOXVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ANDERSON H Fac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct.P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR W	2090	40h L5 S4	73,80,91,100 oct.
(P) Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73 oct.Port rnwy lgts.P-line
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto.P-line NE WNW.
➤ Black Mountain (N.C.)	1.8 SW; RR N	2270	25 S2	80 oct. Soft.Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct.Trees SSW,ESE.
Bristol (Va)	3 NE		18 S1	80 oct. Data unver.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct.Flood lgts on req
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct.P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;RR N	745	52h L5 S6	80, 91 oct.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80 oct.
Francis Marion (Marion,N.C.)	2.5 NE;RR E	1450	19 S6	80 oct. Hill E
➤ Franklin (N.C.)	1.2 ESE;riv W	1996	28 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	27 S4	80 oct.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2° ,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW.
Hendersonville (N.C.)	1.5 ESE;RR SE	2200	30 S6	80, 91 oct. SE blkd.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
Jasper (Ga)	1 N;RR W	1935	17 S2	80 oct.
Johnson City (Tenn)	3.8 NE	1560	21 S6	81 oct. No sto.
Joseph son (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°.2.8	SBRAZ-DTV	(3); 116.1, 122.1
KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
➤ (P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	49 L3 S4	80, 91 oct.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	317 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(N,P) [Memorial] (Spartanburg,S.C)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct.100 oct.mil.NATS.
(P) [McGhee-Tyson] (Knoxville)	12 SSW;hwy E	988	50h L6 S6	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct.P-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct.P-line S.
Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17 S4	Trees NNW.
SPARTANBURG Range (Memorial) (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
Statesville (N.C.)	4.5 WSW; RR SE	990	27 S2	80 oct. Trees N.
➤ Sylva (N.C.)	2.4 NE;riv SW	2039	23 S2	80 oct.
TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

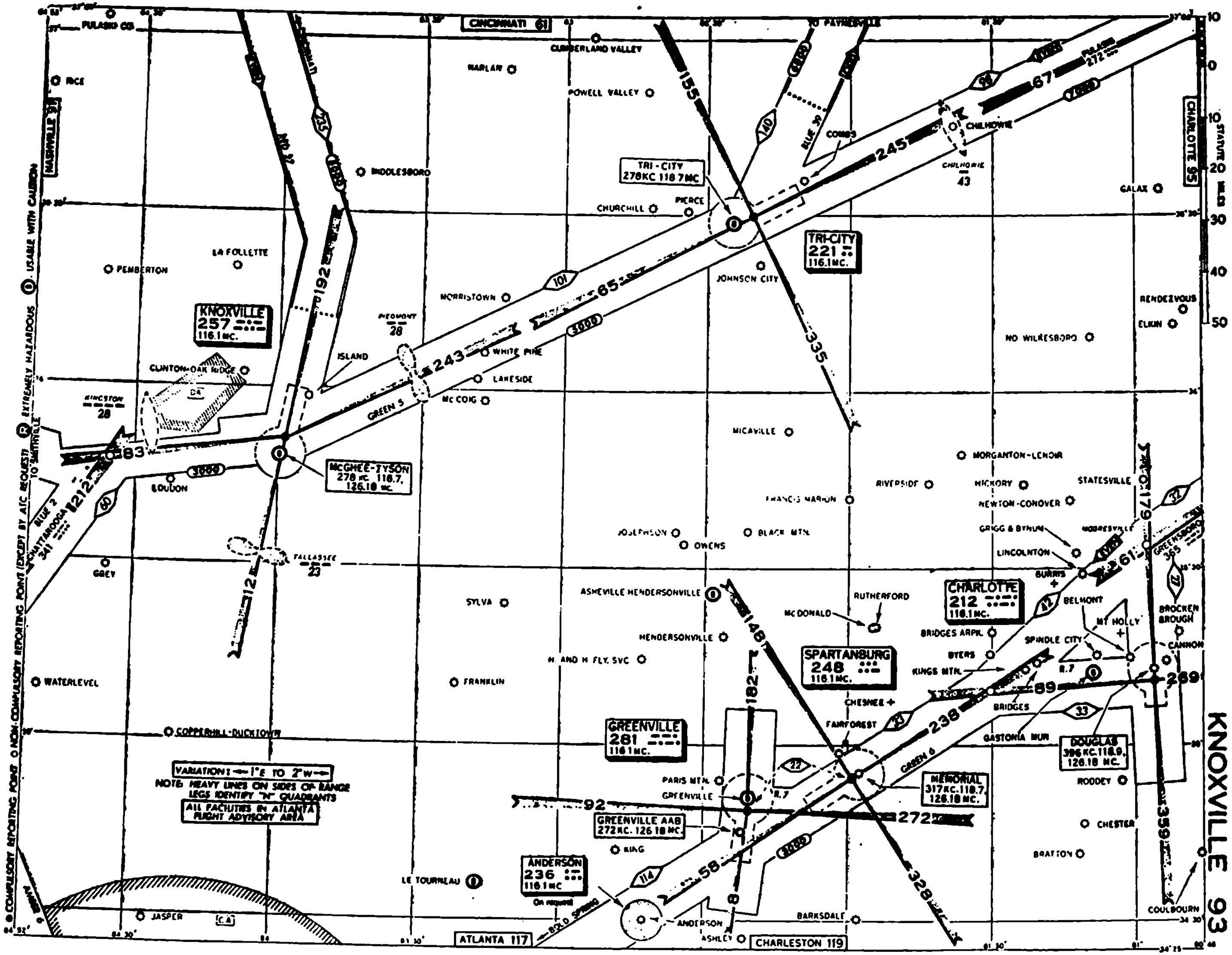
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Mc-GHEE TYSON	110.3	335	44°	MM- •—• (0.61)	OM- — — (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

➤ Combs (Bristol,Va)	3 NE	1865	20 S6	80 oct.P-line N.
McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5
➤ Harlan (Dillon,Ky)	0.5 E;RR N	1150	21 S1	80 oct.Pole E.Ctn.Mtns
➤ Riverside Arpk (Morganton,N.C.)	2 W;riv NE	1020	22 S2	80 oct.Mtn E.
➤ Rendezvous (Jonesville,N.C.)	1 E;riv N	1000	22 S1	80 oct.NW blkd.
➤ Bratton (Chester,S.C.)	1.4 SE;RR SW	550	17 S2	80 oct.Emerg. only.
➤ Copperhill-Ducktown	2.5 NE	1700	15	(Copperhill, Tenn)
➤ Waterlevel (Cleveland,Tenn)	3 SSE;hwy N	800	20 S1	80 oct. N,S blkd.
➤ Grey (Athens, Tenn)	2.2 N;RR E	691	23 S4	80 oct.
➤ Pemberton(Glenmary,Tenn)	0.8 NNE;RR W	1370	18	E,W blkd.
➤ White Pine (Tenn)	0.5 S;hwy E	1160	18 S1	80 oct.
➤ Mc Coig(Newport, Tenn)	5 W;hwy N	1330	16	P-line E
➤ London (Tenn)	1.8 WSW;riv 1 N	800	14 S1	80 oct
➤ La Follette(Jacksboro,Tenn)	1.5 NE;RR NW	1129	18 S1	80 oct
➤ Clinton-Oak Ridge(Clinton)	4.6 S;rd S	860	20 S4	80 oct.P-line WSW;ENE blkd.
➤ Churchill (Tenn)	1 SE;riv 1 S	1240	22 S1	80 oct. (Tenn)
➤ Mt. Holly (N.C.)	2.5 NW;hwy,RR E	850	20	

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
▶ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➤ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


KNOXVILLE 93
CINCINNATI 61
NASHVILLE 91
CHARLOTTE 65
PULASKI CO
RICE
HARLAN
CUMBERLAND VALLEY
POWELL VALLEY
TO PAYNESVILLE
BIDDLESBORO
CHURCHILL
PIERCE
COMBS
CHILHOWIE
CHILHOWIE 43
GALAX
TRI - CITY 278KC 118.7MC
TRI-CITY 221 :: 116.1MC.
JOHNSON CITY
LA FOLLETTE
PEMBERTON
KNOXVILLE 257 116.1MC.
MORRISTOWN
PIEDMONT 28
ISLAND
WHITE PINE
LAKESIDE
Mc COIG
CLINTON-OAK RIDGE
KINGSTON 28
GREEN 5
REND EZVOUS
ELKIN
NO WILKESBORO
MICAVILLE
MORGANTON-LENOIR
RIVERSIDE
HICKORY
STATESVILLE
NEWTON-CONOVER
FRANCIS MARION
LOUDON
MCGHEE-TYSON 278 MC. 118.7. 126.18 MC.
GRIGG & BYNUM
LINCOLNTON
JOSEPHSON
OWENS
BLACK MTN
GREY
FALLASSEE 23
ASHEVILLE HENDERSONVILLE
SYLVA
RUTHERFORD
MC DONALD
CHARLOTTE 212 116.1MC.
BELMONT
MT HOLLY
BROCKEN BROUGH
CANNON
BRIDGES ARPK
BYERS
SPINDLE CITY
KINGS MTN
SPARTANBURG 248 116.1MC.
HENDERSONVILLE
W. AND N. FLY. SVC
FRANKLIN
WATERLEVEL
CHESNEE
FAIRFOREST
BRIDGES
GASTONIA MUN
DOUGLAS 396 KC. 118.9. 126.18 MC.
GREENVILLE 281 116.1MC.
COPPERHILL-DUCKTOWN
PARIS MTN
GREENVILLE
MEMORIAL 317KC. 118.7 126.18 MC.
RODDEY
GREENVILLE AAB 272KC. 126.18 MC.
CHESTER
KING
BRATTON
ANDERSON 236 116.1MC
On request
LE TOURNEAU
COULBOURN
BARKSDALE
ANDERSON
ASHLEY
JASPER
CA
ATLANTA 117
CHARLESTON 119
VARIATION 1° E TO 2° W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY A/C REQUESTING TO SWITCH TO ...)
STATUTE MILES
155
335
192
183
212
243
245
65
67
92
272
148
182
58
328
238
89
269
359
179
61
3000
5000
7000
9000
10000
12000
13000

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3);116.1,122.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5
LUMBERTON	278(FNE)	MH	(3)
POPE (Ft. Bragg) (Army)	336(DOP) (116.1)	SBMRAZ-V ;385°,2.3	(3); 116.1
Pope Field	396(126.18)+	CA(ILS);355°, 2.3	(3);126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLW2;328°, 5.1	

FLORENCE	320(FLO)(116.1)	SBMRLZ-DTV, 292°,1.7	(4);116.1,122.1
DANVILLE	344(VE)(116.1)	MHTV	(4);116.1 (Manned 8-24)
PRESTON GLENN (Lynchburg)	348	C	(4)
PULASKI (Loving)	372(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(ROI)(116.1)	SBRAZ-DTV, 349°,2	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18
RALEIGH-DURHAM (Raleigh),N.C.	272 (126.18)	C	(4);126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APP. BEAR.	MARKER IDENT & MILEAGE (FULL COMPASS LOCATORS)		
POPE(A)				DECOMMISSIONED		
RALEIGH,	109.9	333.8	48°	IM-	MM- ---- (0.62)	OM- ---(4.43)
					MMK-	OMK
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

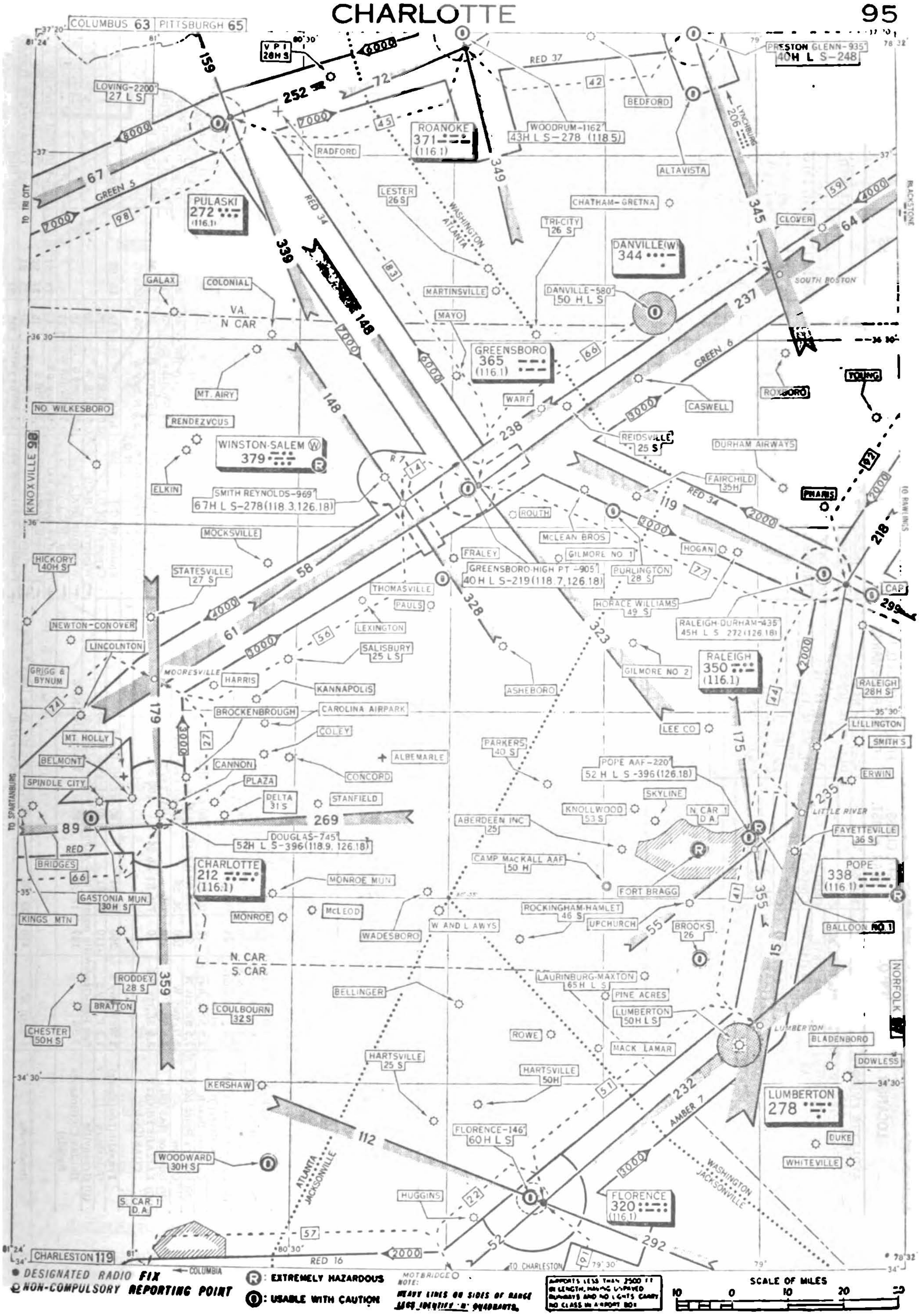
S-Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice
+ - Army ACS transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25 S2	80 oct E,SE,W,NW blocked
Asheboro	1.8 SSW	964	18 S2	80 oct. Hwy NW.
(A)Balloon(Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	24 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	980	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	10	Pole line WNW.
Cannon (Charlotte)	3 WNW,hwy S	760	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W;hwy E	640	20 S2	80 oct. line W, S
Coley (Concord)	2 SW,	790	12 S2	80 oct. Trees ESE,P wr
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	16 S6	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S8	80,91 oct.No sto.Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S8	80,91 oct.
Durham Airways	7.8 N,RR SE	480	16 S6	80 oct.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S4	80,91 oct.
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N)GREENSBORO HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.P. line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h R1 L2 S6	80,91,100 oct.Rwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S1	80 oct.
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy SW	680	29 S4	80,91 oct, P-line SE,SSW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct, WSW
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR	700	40 S1	80,91 oct.SW blkd.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW,SW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.P-line S
(A)Pope (Ft. Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,W. Hwy
Roxboro	7 NE,RR 2.5W	600	S2	80 oct. F.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S4	80 oct. No sto. Pwr line S.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N, RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S
Whiteville	3.7 S,RR N	60	18 S1	Lid 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	80,91 oct P-line E
(P)Chester	3 NNE,RR W	709	30h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	148	60h R1 L5 S1	80,91 oct.
Harlyville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Loggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S,.WSW.
Palmer (Beaufis ville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	160	25 S6	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	36h S1	80,91 oct.
Allavista	6.1 NE,riv SE	650	21	
Bedford	1.3 WSW,	1050	18	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	8.5 S,hwy E	2575	27 S4	80 oct.
Lawrence (Martinsville)	0.8 NNW, RR N	1000	24 S6	80,91 oct,20-75' bldgs SE.
Loving, ASA, NA WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	17 S6	80 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SW, RR SE	935	40h R3 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.5 SSE,RR W	2100	30h L S6	80,91 oct,Flood lgts on; 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
Harris (Mobresville) (N.C.)	2.5 ESE; RR NW	600	14 S2	80 oct.
Mc Leod (Wingate)(N.C)	1 SE; RR	685	22 S2	80 oct. No sto
Paulis Air Park (Thomasville N.C.)	8.5 SSE	775	16	80,91 oct.
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct.High trees S, SW approchs.NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	66	20 S4	80 oct.
Radford, (Va.)	2 SW	1600	19 S1	Fuel.Data unver.
Grigg & Bynum Arpk (Malden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
Lincolnton (N.C.)	3.2 ENE	1500	20 S6	80 oct. P-line SSW
Rendezvous(Jonesv'l)	1.0 E;riv N	1000	22 S2	80 oct. NW blkd.(N.C)
Bladenboro (N.C.)	0.7 NE;RRW	110	24 S2	80 oct.
Smith's (Coats,N.C.)	1 N;RR	288	13 S1	80 oct. P-line SSE,NW.
Dowless(Abbottsburg)	0.2 N;RR S	99	24 S2	80 oct. SE, W blkd.
Mack Lamar(Clio,S.C)	2.3 NE	172	21 S2	80 oct.E,SE blkd. (N.C)
		550	24 S2	80 oct Trees ENE,WSW,W
		585	37	Data unver

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page A111) NAC-(not charted). → NEW OR REVISED DATA

CHARLOTTE



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE HIGH QUADRANTS.

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT BOX

SCALE OF MILES
10 0 10 20 30

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
→ BOGUE MCAAF			DECOMMISSIONED
CAMP LEJEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 38°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 32°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)	2?5 (142.74)	CN	3105;142.74 (8-18)
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	324(NFG)	MRL	(3);142.74 V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)
[redacted]			
BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	231(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	230 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs.
(4) 3105, 4495, 6210, 311?.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h L S6	80,91 Oct. Flood lgts T rees SE
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Pld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw *	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp Lejeune OLF (New River)(N)	2.5 S Jackson-ville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW	147	18 S2	80 oct. Trees ENE,NNW
Henderson	3 S,RR W	490	23 S6	80,91 oct.No sto. Pole lines S. SW.y data not verified.

h-hard surfaced runways. R-radio facilities. L-lighting facilities S-servicing.(See page XIII(SC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston *	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville) (N)	2.5 NW,riv S	27	40h R1 L S4	91, 100 oct.
Peiffer(Wilmington)	6 ESE,hwy N	10	18 S6	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	CLOSED.
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 L S6	80,91 oct.Flood lgts.P-line NNE,NE
Wallace	0.8 N,RR SW	50	16 S5	80 oct. No sto
* Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	57h R1 L S4	80-100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	90 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S2	80 oct.

VIRGINIA

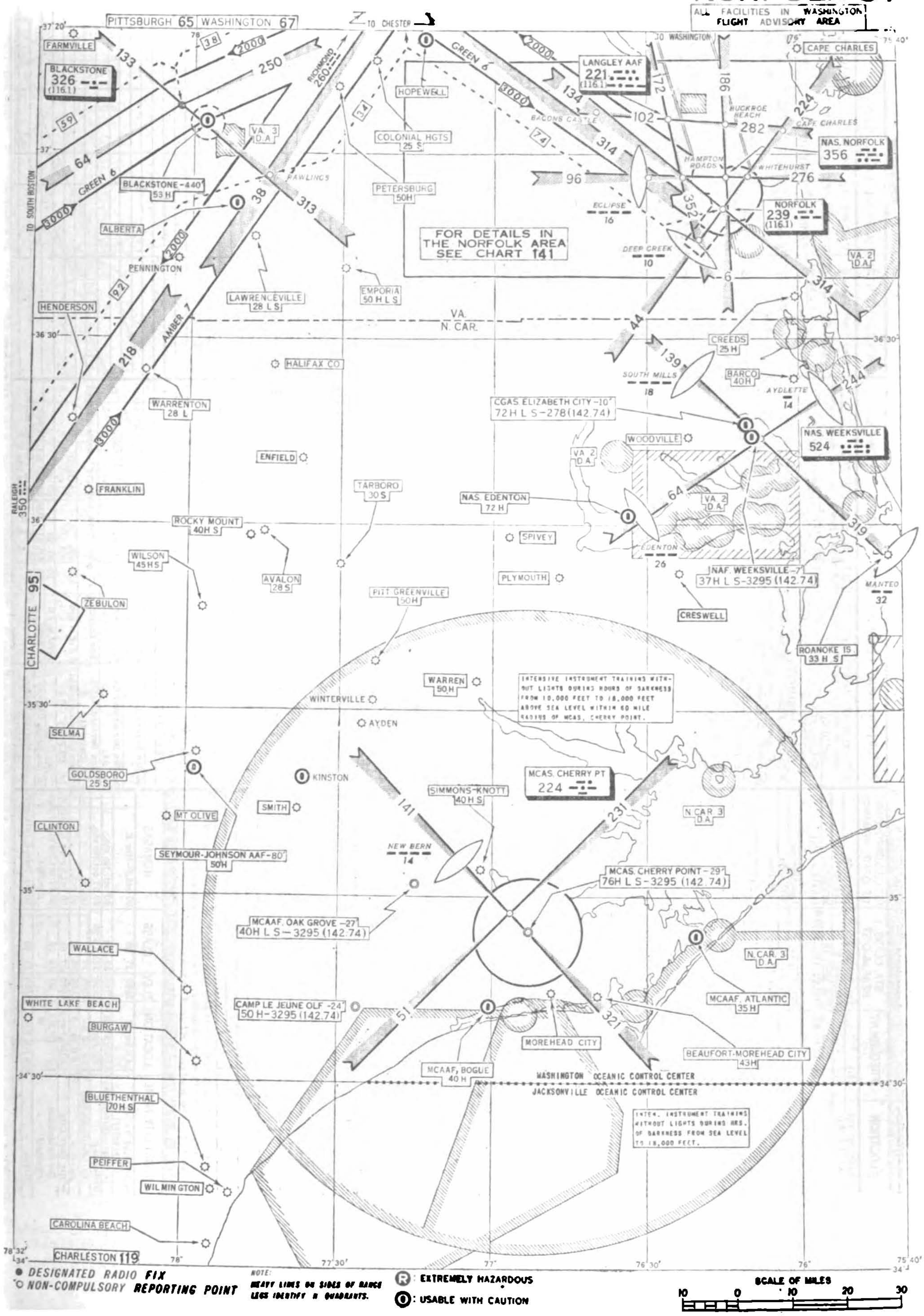
Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY CAMP IN, CIVIL
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC)
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
→ Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80,91 oct.
Petersburg	6.2 WSW,RR N	190	50h	
→ Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,S,,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville, (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80 91 oct.Lgts on req.
→ Cape Charles (Va)	1.8 ;RR S	18	22 S1	80 oct.NW blkd.House SSE.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto. All appchs blkd.
→ Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE			ABANDONED.
Smith Fld (Kinston,N.C.)	3.7 SW;riv NW	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S1	80 oct.No sto.(White Lake) W,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
Enfield (N.C.)	1.8 E	113	15 S2	80 oct.
Creswell (N.C.)	0.5 N;RR S	15		
→ Winterville (N.C.)	0.5 E;RR W	25		
→ Woodville (N.C.)	1.5 W;hwy S	15		
→ Ayden (N.C.)	0.7 SSW;RR W	25		
→ Thalia(Va.Beach,Va)	8 W;hwy 5S	12	23 S1	80 oct NE blkd.Trees SW
→ Roosevelt(Portsmouth,Va)	4.2 W;RR S	15	33 S6	80 oct Tree SE.P-line NW
→ Portsmouth (Va)	7.8 WSW;RR S	20	35 S1	80 oct Trees sur fld.Soft when wet.
→ Pennington(Brodnox,Va)	1.2 NWhwy NNE	325	21	NNE blkd.
→ Peanut City(Suffolk,Va)	2.8 N;hwys SE	40	25 S2	80 oct.SSW blkd.Trees NNE
→ Norview(Norfolk,Va)	4.5 NNE	16	24 S6	80 oct. P-line S.

NORFOLK 97

ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

SCALE OF MILES

10 0 10 20 30

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-VDT.149°,0	(4);116.1.122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122 5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV 298°, 3.9	(3);116.1.122.1
LOS ANGELES	260(LA)(vhf)	BRAZ-DTXV,244°3.8	(3):116.1.122.1
LOS ANGELES	109.1(LA)	BVAR: 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA :49.09	(3): 126.18
MIRAMAR MCAS (San Diego)	239(142.74)	CN(GCA)	(3): 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4): 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3): 126.18
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV,317°,0.1	(4): 116.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4): 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV,216°, 2.5	(4): 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf)	SBMRAZ-DTV, 127°,2.9	(4);116.1.122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3): 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV,139°, 2.3	(3);116.1.122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)	323 (EW)	SMRAWZ, 349°, 11	
VICTORVILLE AAF	278 (126.18)	CA	(3): 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	27 S6	80 oct.P-line E.
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct.No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	37 S1	80 oct.Trees E,hills W.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct.No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver
(N) Brown NAAS (Otay)(N)	6.5 ESE	523	60h	CLOSED
Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"-name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct.1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct.No sto.Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19 S4	73,91 oct.No sto.Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct.Poles E.
Gillespie(El Cajon)	2 NNW;rd E	385	54h	Towers W. (Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct.No sto.Trees SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80.91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver. Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct.Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct.No sto.Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E	2300	39h	
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct.ARPT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct.Poles E.
(A) Mirage(Victorville)(A)	See El Mirage under "New Arpts" - name changed.			
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct.No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S;hwy S	1100	32 S6	80,91 oct. P-line E,W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct.JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct.Poles,stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct.No sto.Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct.Port rnwy lgts.Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR 1.5 W	1156	30 L S6	80,91 oct.Port lgts prior req.
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1120	76h R1 L5 S6	62,73,91,100 oct, JP-1
San Bernardino Co. (Daggett)	See Dagett Int,13 under "New Airports" - name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW;hwy W	3225	30 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	
Ridgecrest(Calif.)	0.3 S	2300	40 L S4	Data unver 80,91 oct.P-line E,NE.
Hidden Valley (Camarillo,Calif.)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver.
Daggett Int, 13 LA-AQ (Calif)	5 E;RR S	1927	64h R1 L3	
Cumberland Valley (Lynch, Ky)	2.8 NNE;hwy N,W			
El Mirage (Adelanto,Calif)	11 WNW; lake,5 N	2865	39h S5	80,91 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
→ New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LOS ANGELES

99

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

NAF INYOKERN 72H

RIDGECREST

TRONA (W) 323

CALIF. 9 D.A.

DAGGETT 365 (111.1, 116.1)

BAKERSFIELD 239

LA CRESTA

AMBER 1

AMBER 2

AMBER 8

MOJAVE-2751' 59H

TEHACHAPI 45 S

CALIF. 17 D.A.

MUROC AAF 350

BORON

HAWES 56H

HELENDALE 56H

CALICO 58

MUROC AAF-2284' 80H LS-219(126.18)

WHEELER RIDGE

LEBEC 42

BARSTOW

LANCASTER

LIBERTY 39H

STERK'S

MIRAGE

GREEN 4

GREEN 5

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

EL MIRAGE

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

DAGGETT 64 H L

TO MORGAN HILL

TO NEEDLES

LAS VEGAS 79

BLYTHE 101

GASTIAC 41

NEWHALL 209 (116.1)

PALMDALE 332 (116.1)

LOS ANGELES 260 (111.1, 116.1)

BLUE 14

SUMMIT

VICTORVILLE "66"

CALIF 17 D.A.

SAN BERNARDINO 30 H S

FONTANA 17

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1120' 76H L S-272 (126.18)

TRI-CITY 29 S

DOWNEY 11

LA HABRA 21

RIVERSIDE 30 S

INDIO

TO SANTA BARBARA

TO BLYTHE

FOR LOS ANGELES VHF RANGE SEE CHART 146

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

HUNTINGTON BEACH 11

ARLINGTON 32 S

HARMON

BANNING 25

BANNING 52H L S

PALM SPRINGS 69 H

INDIO 34 S

LONG BEACH 233 (111.1, 116.1)

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

MARCH AAF-1533' 70H L S-201(126.18)

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

CALIF. 13 D.A.

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

SAN MARCOS VALLEY

ENGEL

WARNER HOT SPRGS. 35 S

OCEANSIDE 34

McCORMICK

HI HI SKY RANCH

DEL MAR 26 S

RAMONA

MT. LAGUNA 254 (116.1)

SAN DIEGO 224 (111.1, 116.1)

MCAS. MIRAMAR-480' 60H L S-239 (142.74)

SAN DIEGO

GILLESPIE 54 H

SWEETWATER SPRGS.

EL CAJON

LA MESA 13

RED 9

GIBBS 29 S

PEIK

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

LINDBERGH-14' 88H L S-278(118.3,126.18)

NAS. SAN DIEGO-25' 60H L S-266(142.74) (SEAPLANE-2870)

LA PRESSA

JAMACHA

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF. 7 D.A.

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

WOLFE'S

NAAS, BROWN 60 H

BORDERLAND

NAAS, REAM-23' 50H S-3295 (142.74)

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓘ: USABLE WITH CAUTION

NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

SCALE OF MILES

10 0 10 20 30

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
→ YUMA (Yuma Co.)	230(UP)(vhf)	SBMRAZ-DTV,165°,5.8	(4);116.1,122.1

CALIFORNIA

→ BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105. 4495. 6210 kcs. (4) 3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice
⊥ - Army A.C.S. transmits on and guards 116.1. 137.88. 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
→ Conner (Quartzsite)	See Quartzsite under "New Airports" - name changed.			
(A) Datelan AAF	4 W Aztec	450	66h	TEMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S1	80 oct.
→ Parker	1.4 ENE;RR .5 W	430	32 S6	80 oct.
→ Salome (NC)	0.7 S;RR NW	1878	45 S1	80 oct. Poles NW.
Salome Int.,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi. E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct Hills N
→ Smiley (Wellton)	13 E,RR S			ABANDONED.
Somerton	3 ENE,RR W	250	30 S3	80 oct. No sto.
★ → Tonopah Int,31, LA-PH	5 NNE Wintersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S2	73,80 oct.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE.rd NW	555	50h	AAF(A) CLOSED
★ → Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck) other hrs prior req.
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	80,100 oct. Avail 0700 to 1600,
→ Gary (Blythe)	5 NNW,RR N	392	29h	CLOSED.
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct. No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct. Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE. No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N S taxiing only. Rnwy data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	26.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Yuma Co. (Ariz)	4.5 SSE.RR N	213	65h R1 L5 S4	80,91 oct, Pmary lgts
→ Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct. prior req.
→ Ajo (Ariz)	5 NE;rd,RR W	1490	40 S4	80 oct. Rough in spots.
→ Quartzsite (Ariz.)	0.5 SSW,hwy S	360	38	Trees N,W. N/S strip hazard us

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA

101

LAS VEGAS 79

TWENTY-NINE PALMS 40H

CALIF. 18 D.A.

RICE AAF 55H

PARKER 32

WICKENBURG MUN. 40 H S

PALM SPRINGS 69H

DESERT CENTER 38 L S

DESERT CENTER AAF 50 H

CALIF ARIZ

GARY - 392 29H

WICKENBURG

INDIO 34 S

INDIO 242 (116.1)

THERMAL AAF 50 H

PORT MECCA

SHAVERS SUMMIT AAF 60 H

HARVEY

BLYTHE AAF 70 H

HERON 27 S

QUARTZSITE

PERRYVILLE

GREEN 5

WHITE TANK

SALOME 41 L

SALTON SEA 40

CALIF. 4 D.A.

CALIPATRIA

BRAWLEY 30 S

D'CONNELL

IMPERIAL CO 32 S

BLYTHE 251 (111.1, 116.1)

GILA BEND 257 (116.1)

LAGUNA 50H

NAS. EL CENTRO -(-43') 69H L S-317 (142.74)

CALIF. 12 D.A.

RED 9

TO CASA GRANDE

TO SAN DIEGO

MARSH 40 S

DATELAN AAF 66H

GILA BEND NO 5 37H

GILA BEND AAF-858' 62H

GILA BEND NO 6 37H

GILA BEND NO 4 37H

AJO

AJO AAF 64H L S

ARIZ. 1 D.A.

HOLTVILLE 60 H L S

EL CENTRO 212 (116.1)

YUMA 230 (111.1, 116.1)

WELLTON

MT. LAGUNA 254 (116.1)

CALEXICO 28 S

SOMERTON 30 S

YUMA CO 65 H L S

JACUMBA HOT SPRINGS OLF 25

ARIZ MEXICO

LOS ANGELES 99

PHOENIX 103

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

(R): EXTREMELY HAZARDOUS
(Q): USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

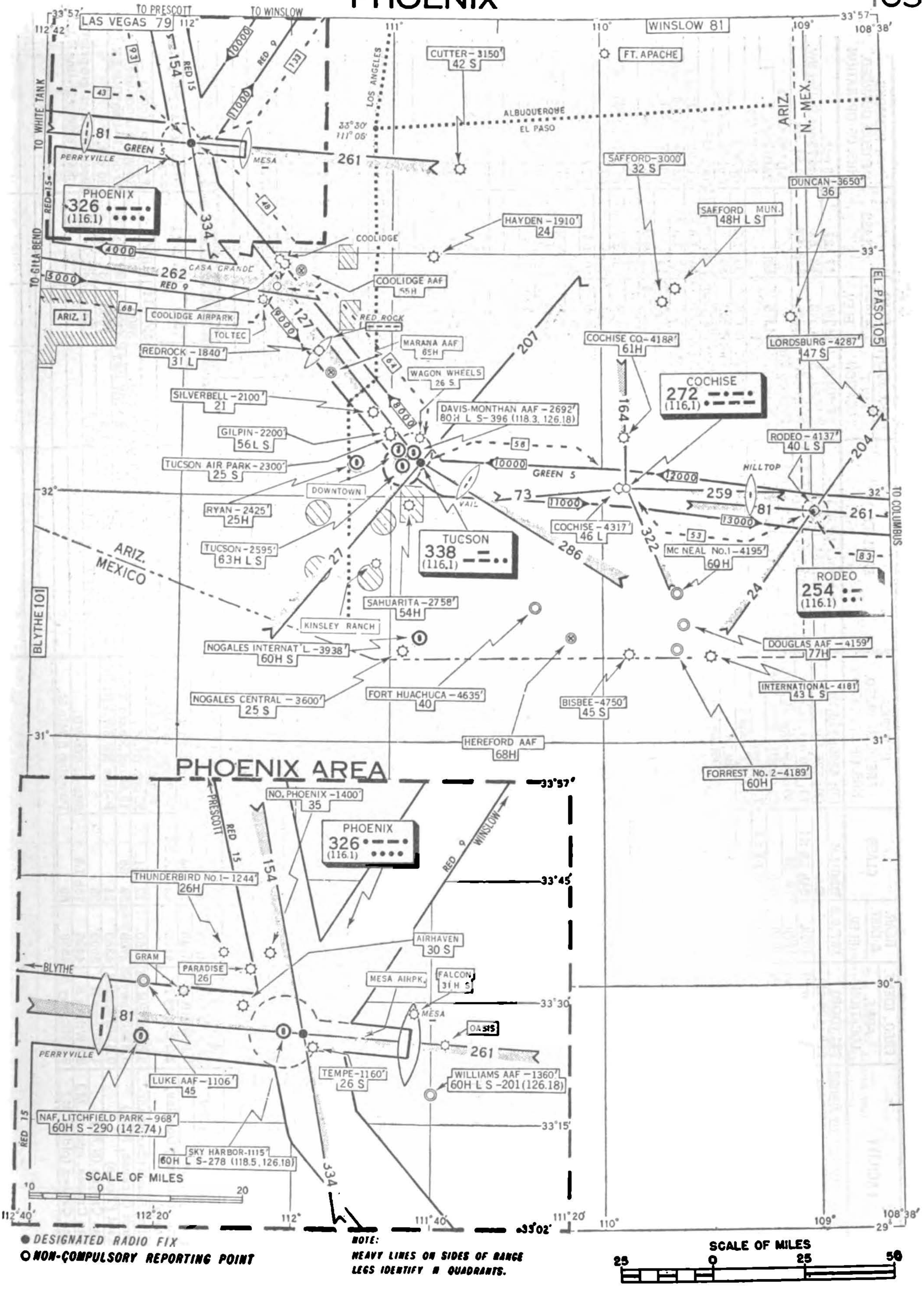
LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°, 2.3	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. R[illegible] and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Air-Topia (Phoenix) (NC)	6.2 SW;hwy N	1050	24 S6	80 oct.Rough
Bisbee	6.4 SSE,RR W	4750	45 L S4	80 oct.Poles W.Port.rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Maremal (Clifton)	8.7 SSE,hwy W	3800	53 S2	80 oct.
★ Cochise Int,T-3,PH-EO	6 S,	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
→ Coolidge Airpark	1.7 S;hwy W,S.	1450	32 S1	80 oct.P-line NW.
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
→ Coolidge Flying Field	1.5 WSW	1450	27 S4	80,91 oct,P-line NE,WRR 1,5 E
Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	4.2 SE;RR S	2692	80h R2 L5 S6	80,100 oct.HP 1.P-line S.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan	1 NE	3650	36	Poleline, race track W.
Falcon (Mesa)	7.3 NE;riv 2 N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED.
(P) Ft.Apache (White River)	2.6 SSW,riv S	5200	34 S2	80 oct. P-line N,NE
(A) Ft. Huachuca (A)	4 E,RR NW	4635	40	
→ Gilpin (Tucson)	4.2 NW,RR W	2200	56 L5 S6	80,91 oct.No flood. Fld lgts prior
Hayden	1.2 S,hwy E	1910	24	Obst sur fld. req.
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
→ Kinsley Ranch (Amado)	1.6 NNW;hwy E	3100	35	PRIVATE.
Litchfield (Litchfield Park)(NC)	0.5 NW;cty SE	1062	37	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S;RR S	968	60h R1 S1	100 oct.
(NG) Luke (Phoenix) (NG)	18 WNW	1106	45h	
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W;hwy S	1238	27 S6	80,91 oct.No sto.P-line E.
→ Nogales Central	3 N,RR E	3600	25 S6	80,91 oct,P-line ESE.
(P) Nogales International	8 NE;hwy NW	3938	60h L5 S4	80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35 S1	80 oct.
Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
→ * Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	31 L3	P-line NE.
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
→ Safford Mun	4.5 ENE;riv 2 S	3176	48h L5 S4	80,91 oct. Fld lgts prior req.
→ Sahuarita Flight Strip	2.2 E,	2758	54h	
→ Sells (NC)	2 NW,rd E	2380	24	
→ Silverbell (Tucson)	11.2 NW;riv NE	2100	21	
→ SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	91, 100 oct. Fld lgts prior req.
→ Superior (NC)	2 WSW,hwy N	2600	19 S4	73,80 oct. P-line NNE. Slopes WSW
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
→ Three Point (Casa Grande)(NC)	1.5 NNW;hwy E	1400	37 S4	80 oct,P-line NE,SW.
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
→ Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	40	
→ Toltec	0.4 NNW;RR SW	1500	23	Poles SSW, V SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
→ Tucson Airpark	3.1 NW,RR E	2300	25 S6	80 oct,P-line NW.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. Slopes to SSE. P-line S,SE
→ Wickersham (Safford)	See Safford under "New Facilities" - name changed.			
→ Willcox (NC)	0.9 WNW,hwy E			ABANDONED.
(A) Williams (Chandler) (A)	10 E;RR 1 SW	1360	61h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
→ * Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S6	80,91 oct.P-line N,S,NW.Port bndry lgts.
Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct.P-line E,fence W.
Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct.No sto.Poles SW,NE.
Gram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct.Poles E,W.E end hazardous.
Oasis (Mesa,Ariz)	11.5 E;hwy N		18 S4	80 oct.No sto.Trees NE,SW.
South Phoenix, (Ariz)	3 SSE;riv N	1100	26 S6	80 oct.No sto.P-line E,W.
Mission Arpk(Tucson,Ariz)	8.3 WSW;rd S	2665	22 S6	80 oct Poles W
→ Safford (Ariz.)	2.5 S;hwy W	3000	37 S6	80,91 oct. Poles S,SE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct.P-line SE,NW,
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED. SSE,SSW.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) Carlsbad,mun.(N.M.)	6.1 SSW	3276	65h L5	Hwy E.Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S,E	5420	33 S2	80 oct.P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W.
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
[El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY.
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	CLOSED
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct.Rnwy data unver
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwyNE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT. NO FACS.
★r Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
→ Ruidoso (N.M.)	2.2 NNE;hwy W	7000	60 S2	80 oct.Mtns sur fld.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct.P-line E.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct.Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham (Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs.)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ····· (0.85) OM- — — (4.35)
					MMK- OMK-
EL PASO	109.5	332.6	217°	IM-	MM- •—•— (0.67) OM- — — (4.56)
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

NEW FACILITIES

Springeville-Eager (Springeville,Ariz)	1.5 W	7000	37 L S1	80 oct.Flare pots prior req.
NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1(Pine Spgs,Tex)	7.5 NNE	5200	20	Rough. Emerg.use only
→ Kuykendall(Lordsburg)	0.8 NNW;hwy E	4290	29 S1	80 oct.P-line NNE,SE (N.M)
→ Springerville-Eager (Ariz)	1.5 W	7000	37 S1	80 oct.
→ Cooper (Deming,N.M)	2.7 S	4300	25 L S1	80oct.Ctc,obst lgts prior req Use in emerg.P-line E,bank W

RADIO: S-Short. Range and Voice. W-Without Voice. 2-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →←New or revised data. (Jones)-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

EL PASO 105

BIG SPRING 121

ABILENE 107

PHOENIX 103

MILES STATUTE

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION 10°E TO 13°E

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (RECEIPT BY ATC REQUEST)

Ⓒ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

ANADON NO 5 ○ · RYAN NO 1 ● · MARFA MUN · CASTOLON · VAN HORN · CULBERSON CO · RENT · SIERRA BLANCA · GUADALUPE PASS VOICE-116.1 MC · GUADALUPE PASS · WINK · SALT FLAT 335 116.1 MC · HUDSPETH · EL PASO 242 116.1 MC · EL PASO MUN 278 MC 118.7, 126.18 MC · HARRICTON PARK · COLUMBUS · COLUMBUS 284 116.1 MC · NM · MEX · INTERNATIONAL · FORREST NO 2 · RODEO 254 116.1 MC · DOUGLAS AAF · MCNEAL NO 1 · DELAWARE SPRINGS · TEX LINE · NM · TEX · NEWMAN 317 · JUNCT · VALLEY · MT RILEY · MACHITA · DEMING (SO.) · RODEO · CARLSBAD NO 1 · JOHN J SMALL · CARLSBAD MUN · CARLSBAD TRACY · CARLSBAD 311 · BIGGS AAF 396 MC 126.18 MC · STATE COLLEGE · LAS CRUCES · LAS CRUCES MUN · DEMING · COOPER · DEMING (CTR) · SKYTEL · DEMING AAF · LORDSBURG · KUYKENDALL · ROMIE · COCHISE · HILLTOP · ALAMOGORDO AAF 221 · ALAMOGORDO · ALAMOGORDO AAF 272 MC 126.18 MC · ARTESIA · ROSWELL AAF NO 3 · ROSWELL AAF 396 MC 126.18 MC · ROSWELL COM · ROSWELL · B AND B FLY SVC · ROSWELL AAF 305 · TULAROSA · RUIDOSO · PARKER · CARRIZOZO · ENGLE · ENGLE 344 116.1 MC · HOT SPRINGS · SILVER CITY · WHITEHILL · HURLEY · DUNCAN · SAFFORD · SAFFORD MUN · CLIFTON-MARENCI · ALBUQUERQUE · EL PASO · SOCORRO · MAGDALENA · SPRINGERVILLE-EAGER · WINSLOW 81 ALBUQUERQUE 83 · ABQ

D A

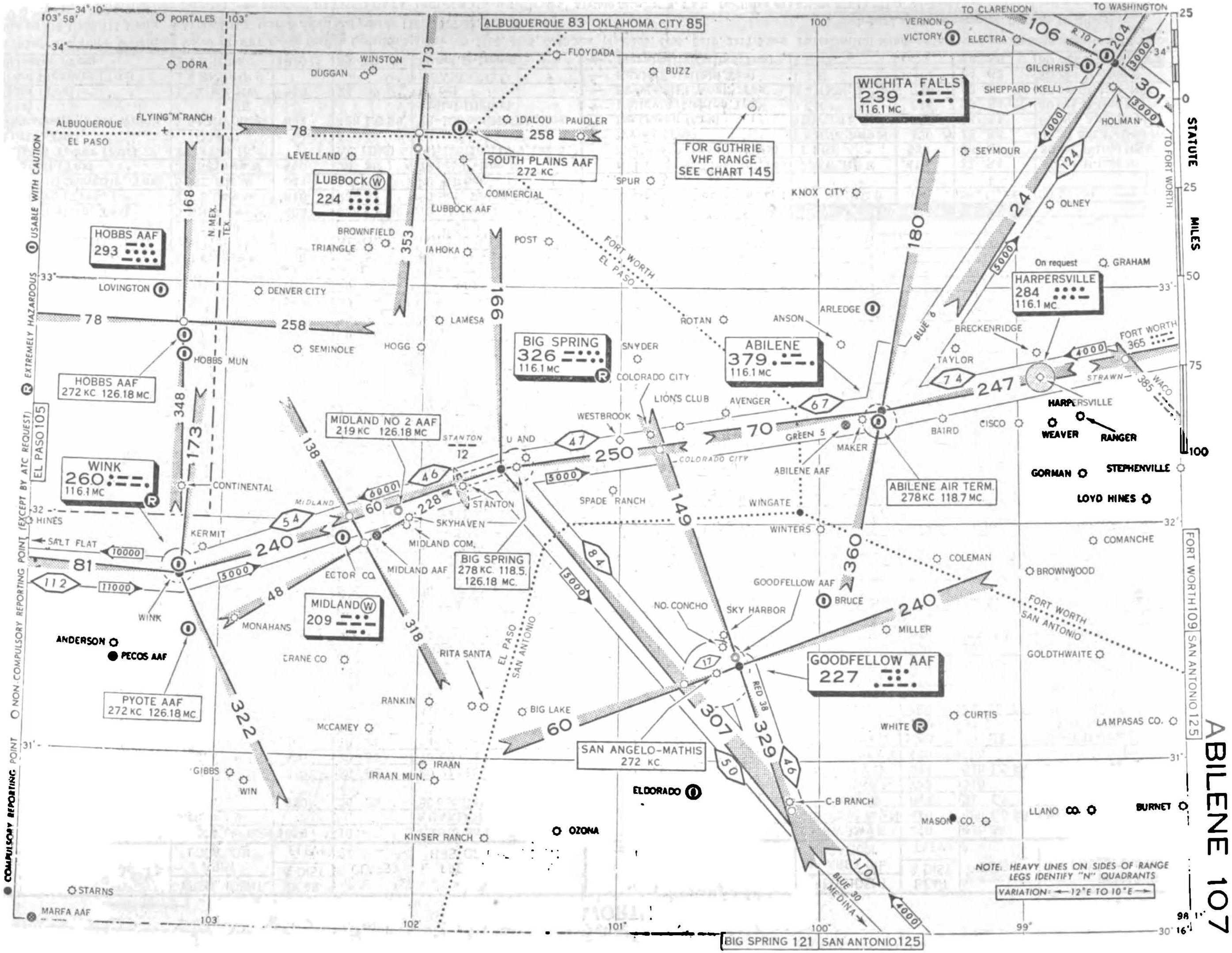
342 · 330 · 350 · 341 · 177 · 170 · 162 · 167 · 176 · 258 · 257 · 259 · 261 · 82 · 81 · 78 · 79 · 24 · 204 · 241 · 322 · 293 · 216 · 122 · 142 · 57 · 237 · 347 · 61 · 70 · 45 · 53 · 112 · 83 · 66 · 121 · 272 · 34 · 17 · 18 · 29 · 30 · 31 · 33 · 34 · 35 · 75 · 50 · 25 · 0

106° 107° 108° 109° 30°16' 109°45' 34°10' 103°50'

ABILENE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.100 oct.Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118 5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
Burkburnett (Tex)	1 SE;RR SW			ABANDONED
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW.
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld.
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots,flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct.Use rnws prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct. P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECCMMISSIONED
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int,44,EO-FV(Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
[Hobbs Mun.] (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct.Poles SE,E,NE.
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW.
NEW FACILITIES				
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct.P-line N,NE,NW.
Rosser-Ranch(Graham,Tex)	6.7 SSW;riv 0.5 S	1070	40	Emerg use only.Trees N.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1400	35 S2	80 oct.P-line W.
Vernon (Tex)	2.3 SSE;hwy W	1210	27 S6	80 oct.Rough N,soft S ends

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT.NO FACS.
(A) María AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) [Midland AAF] (Tex) (A)	9.5 WSW;RR S	2867	64h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) Midland #2 AAF (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct.JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto. Ends rough
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho (San Angelo, Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct.
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) (12-1 hr. after sunset)
(P) SAN ANGELO-MATHIS (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct.
[Sheppard/Kell Mun.](Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91,100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct. After 2100 lgts on req.P-line W,NW.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) [South Plains AAF](Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,100 oct. (Tex)
Spur (Tex)	2.2 S;RR N	2368	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED. Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct.
U & S Fly Svc.(Big Spring,Tex)	1.5 N;hwy 1 S	2517	34 S6	80 oct.P-line N,NNE.Ctn
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel. E/W strip.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int,32,EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2025	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range(Tex)	108.3(UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton,Tex)	1.5 E;RR W	3108	19 S2	80 oct.P-line N,NE,NW.
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct.P-line NE,W,NW.
Winston (Littlefield,Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
Westodessa(Odessa,Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Decker Ranch (Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct.P-line NW,W,N.Trees SW
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW
Snyder (Tex)	1.3 S	2270	21 S2	80oct.P-lines NW,W,SE.E blkd


ALBUQUERQUE 83 | OKLAHOMA CITY 85
TO CLARENDON
TO WASHINGTON
PORTALES
DORA
DUGGAN
WINSTON
FLOYDADA
BUZZ
VERNON
VICTORY
ELECTRA
GILCHRIST
SHEPPARD (KELL)
HOLMAN
WICHITA FALLS
239
116.1 MC
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
IDALOU
PAUDLER
LEVELLAND
SOUTH PLAINS AAF
272 KC
COMMERCIAL
LUBBOCK
224
LUBBOCK AAF
FOR GUTHRIE
VHF RANGE
SEE CHART 145
SPUR
KNOX CITY
SEYMOUR
OLNEY
HOBBS AAF
293
BROWNFIELD
TRIANGLE
TAHOKA
POST
FORT WORTH
EL PASO
LOVINGTON
DENVER CITY
LAMESA
ROTAN
ANSON
ARLEDGE
On request
GRAHAM
HARPERSVILLE
284
116.1 MC
BRECKENRIDGE
TAYLOR
FORT WORTH
365
HOBBS MUN
HOBBS AAF
272 KC 126.18 MC
SEMINOLE
HOGG
BIG SPRING
326
116.1 MC
SNYDER
COLORADO CITY
ABILENE
379
116.1 MC
LION'S CLUB
AVENGER
WESTBROOK
MIDLAND NO 2 AAF
219 KC 126.18 MC
STANTON
12
U AND
GREEN 5
MAKER
BAIRD
CISCO
STRAWN
WACO
HARPERSVILLE
WEAVER
RANGER
GORMAN
STEPHENVILLE
LOYD HINES
ABILENE AAF
ABILENE AIR TERM.
278 KC 118.7 MC
SPADE RANCH
WINGATE
WINTERS
COMANCHE
COLEMAN
BROWNWOOD
WINK
260
116.1 MC
CONTINENTAL
KERMIT
MIDLAND
STANTON
SKYHAVEN
MIDLAND COM.
BIG SPRING
278 KC 118.5
126.18 MC
MIDLAND AAF
ECTOR CO.
HINES
SALT FLAT
WINK
MIDLAND
209
MONAHANS
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
FORT WORTH
SAN ANTONIO
GOLDTHWAITE
ANDERSON
PECOS AAF
CRANE CO.
RITA SANTA
EL PASO
SAN ANTONIO
GOODFELLOW AAF
227
PYOTE AAF
272 KC 126.18 MC
RANKIN
BIG LAKE
RED 38
WHITE
CURTIS
LAMPASAS CO.
McCAMEY
SAN ANGELO-MATHIS
272 KC
IRAAN
IRAAN MUN.
GIBBS
WIN
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
KINSER RANCH
OZONA
STARNS
MARFA AAF
BLUE 30
MEDINA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 10°E
BIG SPRING 121 | SAN ANTONIO 125
FORT WORTH 109 | SAN ANTONIO 125
STATUTE MILES
ABILENE 107
USABLE WITH CAUTION
EXTREMELY HAZARDOUS (ATC REQUEST)
EL PASO 105
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

FORT WORTH

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld.Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct.Data unver. Trees
Carthage Air Svc.(Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct.P-line N E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
➝ Commercial(Durant,Okla)	5.2 W;RR N			ABANDONED
➝ Corsicana,com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana,mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris,Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBRAZ-DTV	(3); 116.1, 122.1
➝ Decatur (Tex)	1.5 N;rd SW	1100	26 S2	80 oct
➝ Denton (Tex)	4 WSW	630	42h S6	80,91 oct
➝ DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
(P) Eaker (Durant,Okla)	3.2 SSW; RR NW	703	52h L5 S1	80,91 oct.All lgts prior req.
Elder (Kilgore,Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct.P-line W
(P) Ellis Co.(Waxahachie,Tex)	3.5 NE,RR S	585	31 S2	73 oct.P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct.P-line W.Data unver
(A) Gainesville AAF (Tex)(A)	3.8 WNW;RR S	833	45h S5	80,91 oct. ARMY TEMP INACT.
➝ Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED
(A) Gaskin (Sherman,Tex)(A)	12.6 SW;rd E	745	40h	TMP INACT-NO FACS.
GRAUWYLER PARK H Fac.	311 (L)	356°,0.8	MHW	(Cont.) Dallas (Tex)(NC)
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct.Emerg.lgts by circling fld.
(P) Gregg Co.(Longview,Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct.Fence sur fld. req.
➝ Hartlee (Denton,Tex)	5.4 NE	588	40 L S6	80,91 oct.Port lgts prior
➝ HASLET H Fac. (Tex)	371 (T)	1°,8.1	FMHW	(Cont.) Ft. Worth
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct. P-line S.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W.Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct.P-line NE
Jacksonville (Cypress,Tex)	3 N;RR E	500	26 S6	73,80 oct.P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct P-line E
LOVE Tower (Dallas,Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122 5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct.Poles S No flood lgts.
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct.P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118 7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct.NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
➝ Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct.P-line S.

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman,Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT.NO FACS.
(P) [Pounds] (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct.Ctc lgts prior req. No sto.
(P) Rusk Co.(Henderson,Tex)	2.5 WSW;hwy N	440	30h	
➝ Rodeo City(Jacksb'o,Tex)	4.5 N;arena W	1080	23 S2	80 oct P-line SE Trees SSE
➝ St Jo (Texas)	1 N;lake 1 E	952	37	P-line NNE
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int,14,DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville)	9.5 NNE	550	30	(Tex)
➝ Southworth(Ft.Worth,Tex)	4.2 S;crk W	650	25 S4	80,91 oct
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data unver
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct.P-line S,SE
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
(A) [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill,Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo,Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville,Tex)	5.7 WSW;RR N	820	20 S6	80 oct.P-line N.
** Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N. Data unver

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •—•— (0.7)	OM- ——(4.35)
				MMK-		OMK-
				IM-	MM-•	OM-
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
				MMK- 356 •••—		OMK-

NEW FACILITIES

East Side (Longview,Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S
Hoffman(Mt.Pleasant,Tex)	2 SSW;RR E	416	32 S4	80oct.P-line N
Mulinax(Winnsboro,Tex)	1 3SE	533	26 S1	80oct.P-line NNE.
➝ Irving (Tex)	1.6 NNE;hwy N	420	28 S6	80,91 oct P-line N,W
➝ De Queen (Ark)	3 NW;rd E,S	400	24 S1	80 oct Appchs blkd
➝ Pulley(Arlington,Tex)	0.6 N	616	28 S4	80 oct P-line NW Trees S
➝ Skyview(Ft.Worth,Tex)	9.3 NNW;lk 2.5 W	790	32 S1	80 oct P-line NW
➝ Eagle(Fairfield,Tex)	1.4 E	461	24 S2	80 oct P-line S
➝ Marshall's(Dallas,Tex)	7.2 SE		28 S6	80 oct P-line SW,S

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116 1 and 111 1 mcs + Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs h-hard surfaced runways. R-radio facilities

L-lighting facilities S-servicing (see page IV) ➝ NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized

FORT WORTH 109

OKLAHOMA CITY 85 | LITTLE ROCK 89

SAN ANTONIO 125 | HOUSTON 127

SHREVEPORT 113

STATUTE MILES 10 0 10 20 30 40 50

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

TO WASHINGTON

OKLAHOMA CITY 350 335 91

MARIETTA 75

WEDDINGTON

EAKER

OKLA TEX

IDABEL

DE QUEEN

OKLA ARK

123

TEXARKANA 329

SHREVEPORT 230

146

GAINESVILLE AAF

4000

MARIETTA

BLUE 5

ST JO

PERRIN AAF

GRAY

MUENSTER

GAINESVILLE COM

LEGION

COX AAF

CLARKSVILLE

WHALEY

SHERMAN

JONES

WICHITA FALLS 239

3000

RED 10

BOWIE

107

301

68

181

62

161

GASKIN

DE KALB

2000

REDWATER

WOLFE CITY

GREEN 5

171

RODEO CITY

D.A.

DECATUR

4000

AMBER 4

DENTON

HARTLEE

COMMERCE

SO. SULPHUR

SULPHUR SPRINGS

103

TEXARKANA

SIMMS

65

FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111

McKINNEY

HASLET

HASLET Ⓦ 371 R

LOVE 278 KC. 118.9, 126.18 MC.

248

HOFFMAN

MEACHAM 272 KC. 118.7, 126.18 MC.

SULPHUR SPRINGS Ⓦ 224

SULPHUR SPRINGS

MAJORS

DALLAS

WEATHERFORD 22

STRAWN 65

4000

3000

FORNEY 23

MULINAX

WILLS POINT

57

247

ABILENE 379

5000

70

FT WORTH 6

29

67

266

RED 10

45

McCLOUD

HOLMES

HAWKINS

WISENER

80

2000

89

SHREVEPORT 230

124

210

DUNCANVILLE 11

DALLAS 341 116.1 MC

DUNCANVILLE Ⓦ 404 R

26

37

RED 37

30

EAST SIDE

MARSHALL

JOSHUA 28

WAXAHACHIE 27

ELLIS CO.

ENNIS

WAXAHACHIE

TYLER 320 116.1 MC.

POUNDS

STEWART

ELDER

GREGG CO.

ABILENE 107

CLEBURNE NORTHWEST

STEPHENVILLE

PARKER

357

356

189

95

129

SEVENTY-FIVE

BYRN'S SKY RANCH

CORSICANA MUN.

HENDERSON

RUSK CO.

CARTHAGE AIR SVC

304

JACKSONVILLE

30

FORT WORTH SAN ANTONIO

PALESTINE

HAMILTON

WACO 385 111.1, 116.1 MC.

WACO MUN.

WACO

WACO NO 5

MEXIA

EAGLE

GAGE

TO AUSTIN

TO NAVASOTA

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 4°E TO 8°E

NACOGDOCHES

HOUSTON

BLUE 13

FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MRLZ-DTV	(3), 116 1, 122 1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	P-line SE,SW
➔ Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	37h L S6	80,91oct Ctc lgts on req
BROOKS Tower (Tex)	396 (126.18)		CA	(3), 126 18
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct
➔ Craigg (Sayers, Tex)	1.8 W;hwy N	650	29	Emerg use
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3), 116 1, 122 1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct
➔ DUNCANVILLE H Fac. (Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
➔ Eagle Mtn Lake	1 SSE;RR NE	745	60h	CLOSED (Newark,
Fauric (Gonzales, Tex)	2 NNE;hwy E	340	18 S2	80 oct Trees N,S. Tex
➔ Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116 1, 122 1
FORT WORTH AAF Tower	317(126.18)+		CA ● 45,05	(3); 126 18
(A) **Fort Worth** AAF (Tex)(A)	6.8 WNW;lk N	636	73h L5 S6	73,91,100 oct. IP-1
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct No ben
GRAUWYLER PARK (Tex)(NC)	311(G)	356°,0.8	MHW	(Cont.) Dallas
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
➔ HASLET H Fac. (Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126 18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct P-line E Ctc lgts N/S rnwy Data unver
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct. P-line W
➔ Hurt (San Antonio, Tex)	6.5 WNW	680	40 S6	80,91 oct. P-line NW
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126 18
(A) **Kelly** (San Antonio,Tex) (A)	6.2 WSW;RR SE	670	72h L5 S6	62,73,91 oct JP-1 FOR CLEAR STN
➔ Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED
Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct. P-line N,W
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct. Bldgs NW N, NE
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4), 118.9,122 5,126 18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW ;hwy W	483	52h L6 S6	73-100 oct Poles S
Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct. P-lines sur fld
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct No sto
(A) Martindale #4 (San Antonio, ➔ Tex) (A)	7.1 E;RR S	660	30h	P-line NW
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126 18,118 7,122 5
(N,P) [Meacham] (Ft Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct. NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct. Port rnwy lgts. P-line W,S
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4	80,91 oct No flood lgts
➔ Mission (San Antonio,Tex)	4.5 S;hwy E	567	24 S1	80 oct P-line NNE,SSE
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct
Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct. (Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322,2 04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3), 126 18
(A) Randolph (San Antonio) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct No sto
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116 1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126 18
➔ [San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S4	80,91 oct
➔ Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED
Second Ave. (Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct Use strips Poles S
➔ Seguin (Tex)	3.3 WSW;riv E	400	37 S4	80 oct Trees NNE,SSE
(A) Seguin #1 (Tex) (A)	3 E;rd N	530	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct Trees NW
➔ Sky Ranch (Arlington,Tex)	See Lucas Field under "New Facilities" - name changed			
STINSON Tower (Tex)	209		CI	3105, 6210 (8-2230)
➔ Stinson (San Antonio,Tex)	6.2 SSE;hwy W	604	49h S6	80,91 oct. P-line S,WNW
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct Port rnwy lgts
➔ Yates (San Antonio, Tex)	13.7 N;hwy 0 5 W	968	33	6' fence sur fld Use fld at own risk
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	20 S6	80 oct
* Yoakum Int.7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kc)

LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
➔ ALAMO	109.9	333.8	30°	IM-	MM- ·—·—(0.68) OM- ——(1.38)
				MMK-	OMK- 230 ●—·—
LOVE	110.3	335	126°	IM-	MM- ·—·—(0.70) OM- ——(4.35)
				MMK-	OMK-
				IM-	MM- OM-
MEACHAM	109.9	333.8	172°	IM-	MM- ·—·—(0.71) OM- ——(4.10)
				MMK- 356 ·—·—	OMK-

NEW FACILITIES

➔ Lucas (Arlington,Tex)	3 SW	590	19 S2	80 oct. P-line N,S,NW

RADIO: S - Simul. Range and Voice W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116 1, 137 88, 140 58 mcs. ● A A C S Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii) ➔ New or revised data. [Jones] - Airline Stop. N B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized

(SEE CHART 109)

DALLAS – FORT WORTH AREA

WICHITA FALLS DA
TO WICHITA
TO WICHITA
CADDO MILLS
NAS, EAGLE MTN LAKE
HASLET 371
DALLAS 341 116.1
FORT WORTH 365 116.1
LOVE 278 RC. 118.9, 126.18 MC
MEACHAM 272 RC 118.7, 126.18 MC
FORT WORTH AAF 317 RC. 126.18 MC
HENSLEY 396 RC. 126.18 MC
DUNCANVILLE 404
MINERAL WELLS
WEATHERFORD
PARKER
STRAWN
SAGINAW
SKYVIEW
HICKS
ARLINGTON
IRVING
FT. WORTH
HANDLEY
PULLEY
GRAND PRAIRIE OLF
SOUTHWORTH
MIDWEST
LUCAS
RUSSELL
ARLINGTON OLF
T.C.U.
TO WACO
TO WAXAHACHIE
DALLAS
LUSCOMBE
HIGHLAND PARK
HUDSON
MUSTANG
WHITE ROCK
SKYLINE
MARSHALL 5
SECOND AVENUE
CLEARVIEW
DUNCANVILLE
LOU FOOTE
WALLACE
TERRELL
RED 10
HAWKINS
GREEN 5
REDWATER
98 11'
98
97 45'
97 30'
97 15'
97
96 45'
96 30'
96 15'
96 11'
32 45'
32 30'
10 0 STATUTE MILES 10 20

(SEE CHART 125)

SAN ANTONIO AREA

BIG SPRING
AUSTIN
SPRINGBRANCH
ALAMO 344 116.1 R
SAN ANTONIO (ALAMO) 278 RC 118.5 MC
SAN ANTONIO 254 116.1 MC
KELLY AAF 219 RC 126.18 MC
RANDOLPH AAF 272 RC 126.18 MC
RANDOLPH AAF 359
BROOKS AAF 396 RC 126.18 MC
STINSON 209 RC
YOAKUM 236
MEDINA
LEON VALLEY
DAVIS
YATES
HURT
RIOMEDINA
MARTINDALE NO 4
CRAIGG
MISSION
BEXAR CO.
LAKE
TO PLEASANTON
LAREDO
FAUST
CLEAR SPRINGS NO 5
LULING
SEGUIN
SEGUIN NO 1
ZUEHL NO. 6
FAIRIE
C.A.
YOAKUM INT.
YOAKUM
29 52'
29 45'
29 30'
29 15'
98 45'
98 30'
98 15'
98
97 45'
97 30'
97 15'
97 08'

CHART 111

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) (R): EXTREMELY HAZARDOUS (O): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

SHREVEPORT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
→ Arkadelphia,24,DL-LV	1.5 ENE;RR NW	186	40 L3 S6	80 oct. (Ark)
→ Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	22 S2	80 oct.P-line S.Trees N,W
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E:riv W	167	100h L5 S4	73,91,100 oct. JP-1
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
→ Cleveland (Miss)	2 NW;hwy S	140	26 S6	80 oct.P-line S,W.
Cole (Heads, Miss)	3 NE;RR W	118	16	
→ Cypress(Greenv'l,Miss)	2.4 SSW;hwy W,	125	28 S4	80 oct. NNE blkd.
David G. Joyce(Winnfield)	3 NW;hwy E	130	20 S2	80 oct.(La)
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct.(Mansfld,La)
Dixie Dusting (Greenv'l)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.(Miss)
→ Dossett(Beulah,Miss)	0.5 SE	160	21 S2	80oct.P-line S,SW.E,W
→ El Dorado (Ark)	1.5 S;rds W,E	277	24 S6	80 91 oct.P-line E.
(P) El Dorado-Goodwin (Ark)	8.6 W;hwy S	278	51h L5	No bound.flood,obst lgts.
→ Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
→ Grayson (Camden,Ark)	3.4 SW; hwy N	135	26 S6	80,91 oct.P-line NE;trees
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct. SSW,NNE
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
→ Hinds Co.(Jackson,Miss)	12.8 W;	244	40h	
Hodge (La)	0.5 ENE;hwy W	300	24	Trees sur fld.
→ Hope (Ark)	6 NW; RR E	359	55h L5 S6	80,91 oct.Use rnwys only
→ Jones(Merigold,Miss)	0.8 N;hwy,RR W	142	13 S1	80 oct. when wet.
→ Sharpe(Natchez,Miss)	1.8 ESE;RR S	135	26 S4	80 oct. N,W blkd Soft
→ Lakeview (Leland,Miss)	1.5 SE ;lake E	120	16 S4	80oct.N,E blocked
→ Strange(Tutwiler,Miss)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd.
Leland (Elizabeth,Miss)	1.5 NE	119	20 S1	80 oct.Pwrline NW.
LeTourneau(Yokena,Miss)	2.5 NW;riv NW	80	30 L S1	9loct.Bndry lgts pri.req.
→ Longview(Warrenton,Miss)	0.3 SE;RR W	110	20 S4	80 oct.E blkd P-line W
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selma)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
→ Monroe Arpk (La) (old)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct., ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) Selman (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118 7
(P) Shreveport (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Texarkana (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	39 S4	30, 91 oct.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
→ Woodside (Grace,Miss)	1.4 NW	106	24 S1	80 oct Tree SE;bldg NW
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.
→ Watts(Rochdale,Miss)	0.5 E;hwy W	145	26 S2	Priv.80,91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- – –(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

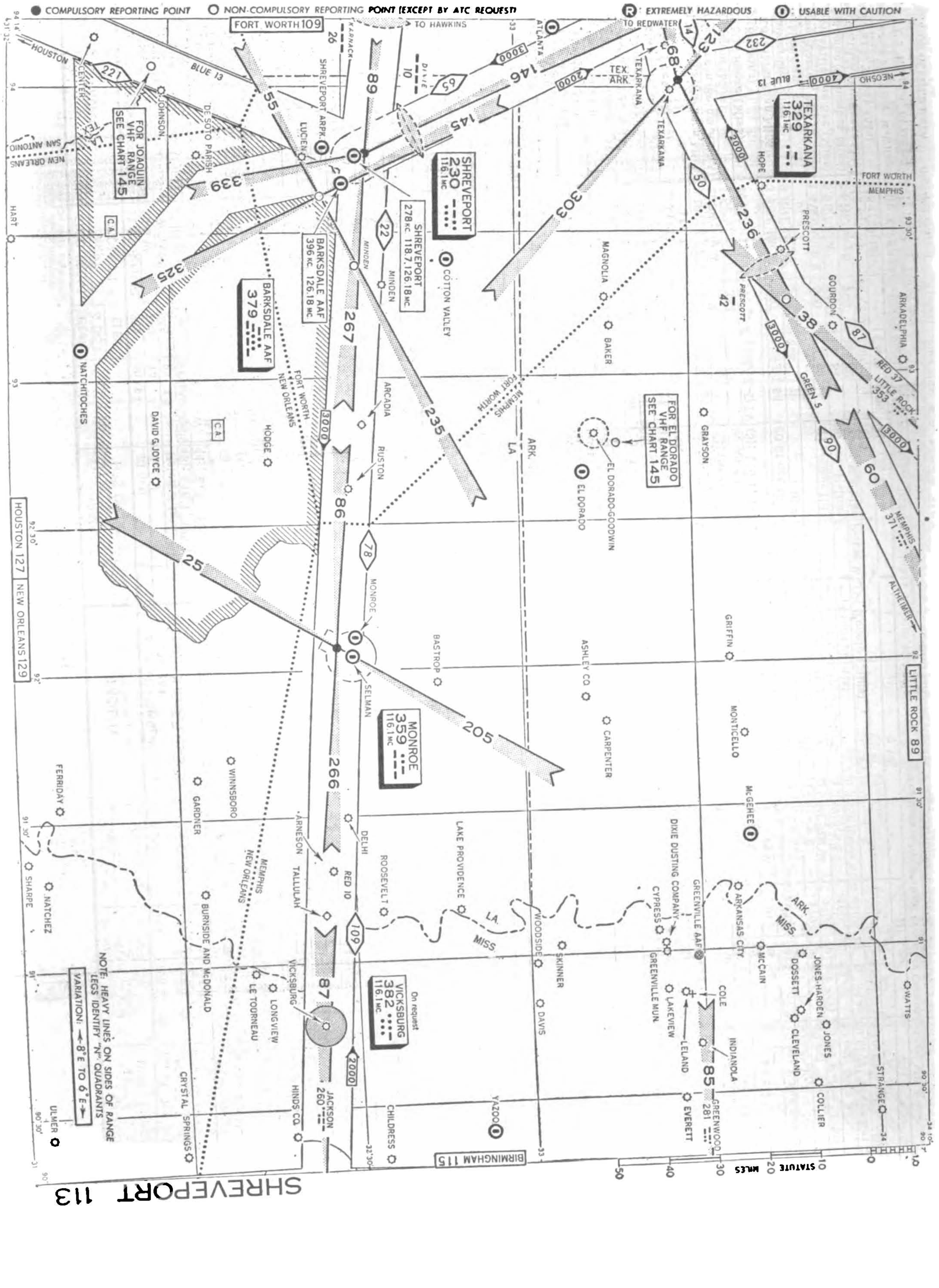
NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
→ Collier (Drew, Miss)	0.6 NE;RR W	115	17 S1	80 oct.Trees S
→ McCain(Benoit,Miss)	0.8 NNE;hwy E	140	16 S1	80 oct.S blkd.Ctn-parked acft
Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct.P-line W.Rough.
→ Crystal Spgs.(Miss)	0.7 SE	470	21	P-line NE;N,S,NW blkd.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld. W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. Port lgts.
Roosevelt (Sondheimer,	2.1 NNW;RR E	85	13 S1	80 oct. (La)
Center, Tex	1.2 ESE;hwy N		20	P-line NNW.
→ Jones-Harden (Cleveland,	4 NW;hwy 1,2 S	140	21 S6	80 oct.S blkd.Soft when wet
→ Monroe Arpk(La)(new)	1.5 N;RR N	77	26 S6	80 oct Trees SSE (Miss)
→ Aineson(Quebec,La)	1 NNW;RR S	100	18	Private N blkd
→ Johnson(Logansport,La)	0.5 ENE;RR W	192	15 S2	80 oct Trees N
→ Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91oct.P-lines block both ends

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. -hard surfaced runways. R-radio facilities

L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) Ⓡ EXTREMELY HAZARDOUS Ⓘ USABLE WITH CAUTION



BIRMINGHAM

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Augustine (Jackson,Miss)	11.5 NE;riv SE	335	40 S4	80 oct
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S6	80,91 oct. Poles NE
Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. |JP-1
(P) Carroll Cone(Tupelo,Miss)	See Tupelo Airport under "New Facilities" - name changed			
Central Park (Birmingham, Ala)	5.2 NW;RR SE	535	18 S6	80,91 oct. P-lines NNW,SSE,NNE
Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT. NO FACS
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct
Cullman (Ala)	5 SSE;hwy SW	740	17 S4	80 oct Trees SSE
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct Trees NE
[Dannelly](Montgomery, Ala.)	7.5 SW;hwy N	219	40h L5 S4	80, 91 oct
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW
E. Jackson (Jackson,Miss)	3.1 SSE;hwy NW	310	22 S6	80 oct Trees N
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	20 S2	80 oct. Trees all appchs
Eutaw (Ala)	2 SE; hwy N	160	23	P-line W
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct
Foster (Tuscaloosa,Ala)	5.5 S hwy E	236	26 S6	80 oct. Trees S
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L2	
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	26 L3 S6	80oct Trees E,SE,W Use ctn
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L3 S3	80 oct. Trees N,S,W. Rough.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116 1
[Greenwood Mun.](Miss)	2.3 SW;RR E	129	40h L5 S6	80,91 oct P-line E,SE
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED
Grenada (Miss)	4 N;RR S	207	51h L S4	80 oct B-2 lgts on req
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126 18,118 7,122 5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct Tank,stack
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED | E
Houston (Miss)	1.5 SW;hwy N	342	31 S4	80 oct NE,E,W blkd
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116 1, 122 1
(NG) [Key] (Meridian,Miss)	3.5 SW;RR E	297	50h L5 S4	80,91 oct;100 oct NG. Ctc lgts prior req.
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	
Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Trees sur fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S
Masonic (Columbus,Miss)	2 5 NE;hwy S	200	28 S2	80 oct N,E blkd P-line W
MAXWELL Army Range (Ala)	362 (DXW)	86°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA ➡ :49,09	(4); 126 18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct No sto |JP-1
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116 1, 122 1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	7.5 NE;hwy E	300	25 S4	80 oct No sto Trees S
O'Keefe (Newton,Miss)	1 5 ESE;RR N	363	23 S4	Trees NE,SE,NW 80 oct. Soft when wet
Oktibbeha (Starkv'l,Miss)	7.5 ENE;lake N	326	33 S6	80 oct Obst S,SW,W,NW
(P) Oxford (Miss)	8 S;riv N,W	400	30 S2	73 oct
Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct P-line N No sto
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	29 S6	80 oct P-lines N
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(P) Starkville (Miss)	2 5 SW;RR NW	325	50h	
Stinson (Aberdeen,Miss)	2.8 NW;hwy E	239	40 S2	80 oct P-line N;trees NW
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4),116.1,122.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L4 S6	80,91 oct Obsts sur fld
Walker Co. (Jasper,Ala)	2.2 N;NE;RR W	527	31 L5 S4	80. 91 oct
Winona (Miss)	1.3 SSE;RR W	370	28 S6	80,91 oct Trees N,S Rough
* Zeiglerville Int,19,NO-LS (Miss)	3 SW; crk S Hwy E	274	26 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM	MM- .-.- (0.70)	OM- — — (4.43)
					MMK	OMK
				IM-	MM-	OM-
					MMK-	OMK-

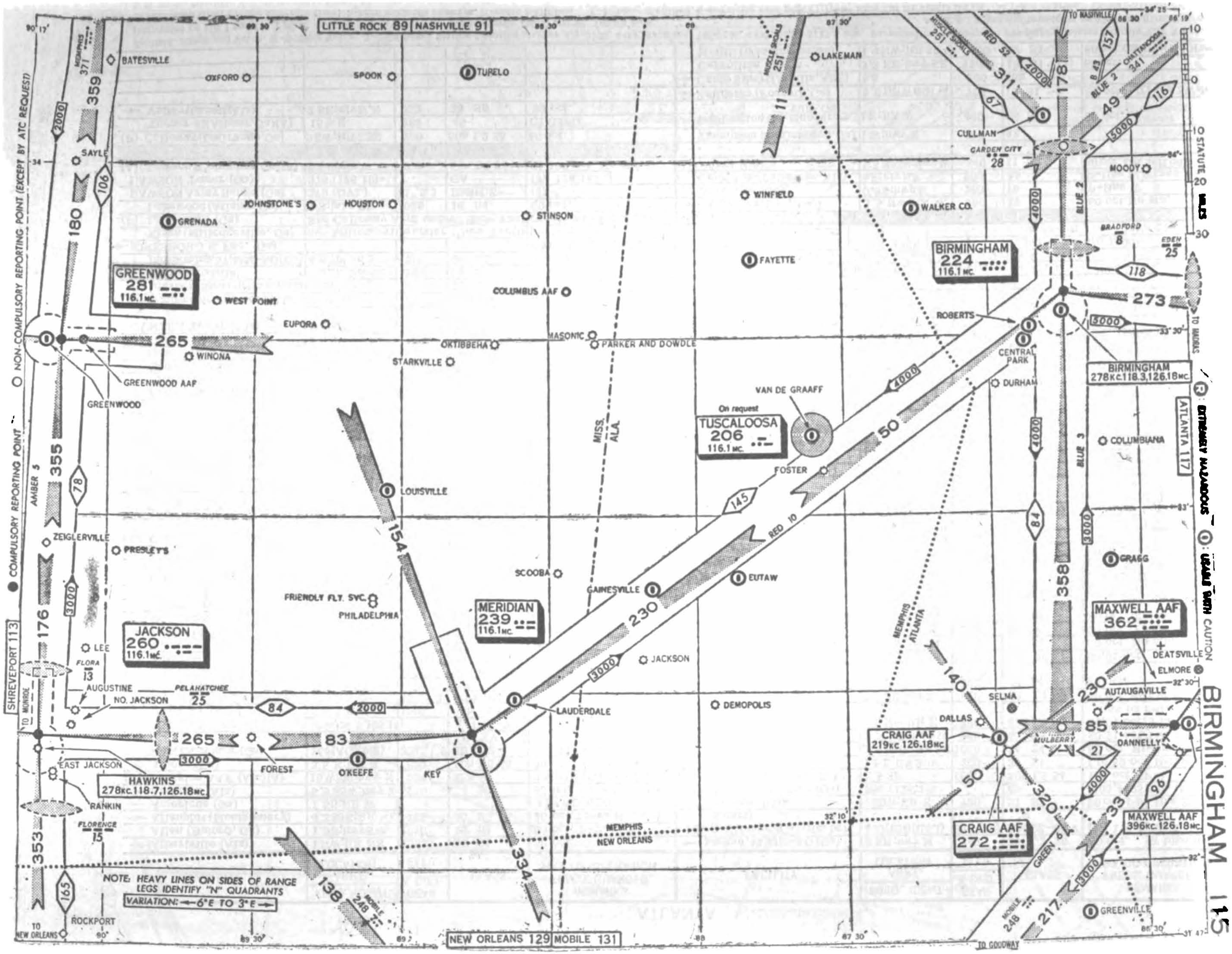
NEW FACILITIES

Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.
Deatsville (Prattsville, Ala	9.5 NNW;hwy W	524	40	Emerg only. S,SE blckd
Durham (Bessemer, Ala	2 5 SW;RR SE	500	23 L S6	80 oct. Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct
Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct. Poles sur fld
Fayette (Ala)	2.1 NNE;hwy W	355	15 S1	80 oct. P-line NW.
Jackson(Livingston,Ala)	1 N;hwy E	170	18 S4	80 oct
Scooba (Miss)	0 5 NE;RR W	250	19 S4	80 oct P-line SE Soft when wet
Sayle(Charleston,Miss)	3 3 W;crk S	160	20 S2	80 oct Bldg S
Winfield (Ala)	0 5 SSE;hwys NNE	460	24 L S4	80,91 oct Trees sur fld
(P) Tupelo (Miss)	3 W;hwy S	338	32 S6	80 oct No acft repairs

S-Simul Range and Voice W-Without Voice Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs (4)-3105,4495,6210,3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice

- Army A C S transmits on and guards 116 1 137 88, 140 58 mcs h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page XIII)

➡ NEW OR REVISED DATA (NC)-Not charted |Jones| Airline Stop **N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


LITTLE ROCK 89 NASHVILLE 91
BATESVILLE
OXFORD
SPOOK
TUPELO
LAKEMAN
SAYLE
JOHNSTONE'S
HOUSTON
GRENADA
STINSON
WINFIELD
WALKER CO.
CULLMAN
GARDEN CITY
MOODY
BRADFORD
EDEN
GREENWOOD
281
116.1 MC.
WEST POINT
COLUMBUS AAF
FAYETTE
BIRMINGHAM
224
116.1 MC.
EUPORA
ROBERTS
WINONA
MASONIC
PARKER AND DOWDLE
OKTIBBEHA
STARKVILLE
CENTRAL PARK
DURHAM
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA
206
116.1 MC.
BIRMINGHAM
278 KC. 118.3, 126.18 MC.
COLUMBIANA
ATLANTA 117
FOSTER
LOUISVILLE
ZEIGLERVILLE
PRESLEY'S
SCOOBA
GAINESVILLE
EUTAW
GRAGG
FRIENDLY FLT. SVC.
PHILADELPHIA
MERIDIAN
239
116.1 MC.
MAXWELL AAF
362
DEATSVILLE
ELMORE
JACKSON
260
116.1 MC.
LEE
AUGUSTINE
NO. JACKSON
PELAHATCHEE
JACKSON
DEMOPOLIS
LAUDERDALE
AUTAUGAVILLE
SELMA
DALLAS
CRAIG AAF
219 KC. 126.18 MC.
MULBERRY
DANNELLY
EAST JACKSON
FOREST
O'KEEFE
KEY
HAWKINS
278 KC. 118.7, 126.18 MC.
RANKIN
MEMPHIS
NEW ORLEANS
CRAIG AAF
272
MAXWELL AAF
396 KC. 126.18 MC.
GREENVILLE
ROCKPORT
TO NEW ORLEANS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←6°E TO 3°E→
NEW ORLEANS 129 MOBILE 131
TO GOODWAY
TO NASHVILLE
TO MACON
STATUTE MILES
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
SHREVEPORT 113
BIRMINGHAM 115
EXTREMELY HAZARDOUS ⊙ USAGE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➔ Albertville (Ala)	1 NW;RR NE	1063	28 S6	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
➔ Allenport (Montgomery)	4.3 SSE;RR NE	175	30 S6	80 oct. Trees N. (Ala)
➔ Americus (Ga)	1.5 S;RR W			ABANDONED
➔ Anniston (Ala)	5.5 SSW;hwy E	610	24 S6	80 oct. 100' stack WNW.
(A) Anniston AAF (Ala)(A)	15 WSW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga)	278(118.7,126.18)		AC(ILS-W)	(4); 126.18,118.7,122.5
➔ [Atlanta] (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls, S.C.)	3 ENE	500	16	RR NNW.
➔ Butler 14, TJ-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1.2W;hwy SE	800	30 S4	80 oct. SE blkd.
➔ Centre (Ala)	0.6 NNW	720	22 S4	80 oct. Trees SSE.
City-Co. (Carrollton, Ga)	See Carrollton Airport under "New Facilities"-name changed			
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon, Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO NW. FACS.
Cochran 50, MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW, NE, S, SE. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h L3 S1	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE. Fld lgts on req.
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h L2 S6	80 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld.
Felton (Cartersville, Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
Gadsden (Ala)	1.9 SW;hwy N	540	20 S2	80 oct. Fld rough.
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L5) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule)
(A) Gunter (Montgomery, Ala)	5 NE;hwy N	225	38h L6	(A)
[Herbert Smart] (Macon, Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int, 57, MM-AG (Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
➔ JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities"- name changed.			
(P) La Grange (Ga)	See Calloway Arpt under "New Facilities"-name changed			
Lakewood (Atlanta, Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus, Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway (LaGrange, Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct.
Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
➔ Valley (Lanett, Ala)	2 SE;riv N,E	552	26 S6	80 oct.

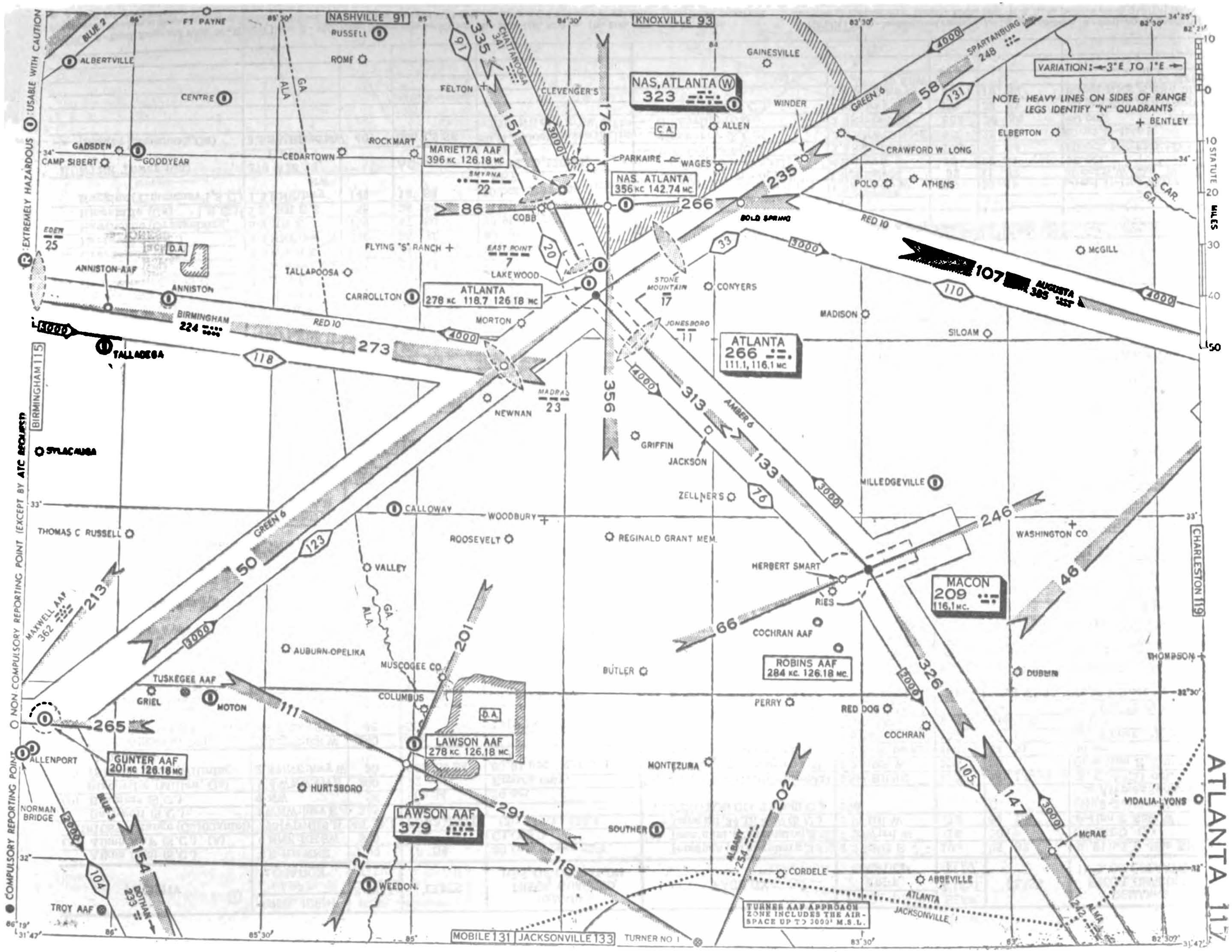
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➔ McRae, 47, MM-AG (Ga)	2 SE;hwy N	247	26 L3 S6	80 oct. W blkd. Rough
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Morton (Palmetto, Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
➔ Moton (Tuskegee, Ala)	3 N;RR;hwy W	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
➔ Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	23 S4	80 oct.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs, Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	900	24 S6	80 oct. Trees N.
Rome (Ga)	3 NW;RR S	669	26 S6	80 oct. E blkd.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
★ Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
Souther (Americus, Ga)	4 NE;RR W	470	66 S6	80 oct.
Talladega (Ala)	2.6 NE;hwy E	590	18 S4	P-line E, hill W. No sto.
★ Tallapoosa Int, 73, FV-AG	5.5 SSE	1210	21 L3	(Ga)
➔ Thomas C. Russell (Alexander City, Ala)	1.5 SW	711	32 S6	80 oct.
(P) Troy (Ala)	4.8 NNW;rd E	393	50h L5	
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
➔ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia, Ga	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville, Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blkd. (A)
Washington (Ga)	See McGill Field under "New Facilities" -name changed			
Weedon (Eufaula, Ala)	4.3 NNE;hwy E	275	28 S2	80 oct.
Winder, 4, AG-LG (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ATLANTA	109.9 -·:·-	333.8	329°	IM- ·-·-(0.70)	OM- --(4.40)
				MMK-201 ·-··	OMK-219 ····

NEW FACILITIES				
➔ Milledgeville, (Ga.)	1.5 NW;RR W	360	28 S4	80 oct. No sto.
Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W
Griel Aux (Tallassee, Ala)	4 S;riv NE	200	35	P-line W. Trees NE
Perry (Ga)	1.5 NNW;hwy W	340	11 S2	80 oct. Lgt acft only.
Thompson (Swainsboro, Ga)	1 W;hwy E	300	32	
Washington Co. (Sandersville, Ga)	1 E;RR W	460	26 S1	80 oct.
➔ Zellner's (Forsyth, Ga)	1.8 NNW;RR W	705	18 S1	80 oct. Trees SW,NW.
➔ Camp Sibert (Attalla, Ala.)	3 S	560	48h	
Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
McGill (Washington, Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page X111) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop.
N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
NASHVILLE 91
KNOXVILLE 93
ATLANTA 117
CHARLESTON 119
MOBILE 131
JACKSONVILLE 133
MARIETTA AAF 396 KC 126.18 MC
NAS. ATLANTA 356 KC 142.74 MC
NAS, ATLANTA 323
ATLANTA 278 KC 118.7 126.18 MC
ATLANTA 266 111.1, 116.1 MC
MACON 209 116.1 MC.
GUNTER AAF 201 KC 126.18 MC
LAWSON AAF 278 KC 126.18 MC
LAWSON AAF 379
ROBINS AAF 284 KC. 126.18 MC.
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 3000' M.S.L.
EXTREMELY HAZARDOUS USABLE WITH CAUTION
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
10 STATUTE MILES

CHARLESTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga) (Daniel)	385 (VD) (116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal] (Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S4	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg, S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	25 S6	80 oct. ENE, E, WSW, NW blkd.
CHARLESTON Range (S.C.)	329 (CS) (116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
(N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct. Use rnwys only. NATS (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E			ABANDONED.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR S	50	70h L5 S4	100 oct. 1-ech ltd 2-ech maint NG. No bcn.
→ Clark (Charleston, S.C.)	4 S;harbor NE	6	21 S4	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227 (CI) (116.1)	268°,7.3	SBRAZ-DTV	(4); 116 1,122.1.
(NG) Congaree (Columbia, S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF (Greenw'd)	3.8 N;RR E	629	50h	(S.C.) (A) CLOSED. fld
Conway (S.C.)	2 1 N;RR W	20	24 S1	80 oct. Trees, p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
→ [Daniel] (Augusta, Ga)	2.5 W;RR S	420	42h L5 S6	80,91 oct. P-line S
Donald (St. Matthews, S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS (S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320 (FL) (116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N, E	175	32 S1	80 oct.
→ Greenwood (S.C.)	2.6 W;RR E	650	24 S6	80,91 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg, S.C.)	5 S;RR E	195	47 S6	80,91 oct. Tank N
Hinesville (Ga)	3 S; RR E, S	55	24 S4	80 oct. No sto. Rdo re-pairs
Huggins (Timmonsv'l, S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5, 126.18, 118.7
→ [Hunter] (Savannah, Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91,100 oct. Sharp incline 370' NE of NE/SW strip
Jennings (Orangeburg, S.C.)	2.3 S;RR E	190	25 S2	80,91 oct. P-line ENE
(A) John's Isl. (Charleston, S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int, 24, JX-RW (S.C.)	3 S; RR W	72	34 L3	P-line E, ESE, W
LEXINGTON CO. Twr. (S.C.)	396		C	(4); (8-24) (See Notice to Airmen Section)
(P) [Lexington Co.] (Columbia)	7 SW;RR SE	233	56h L5 S1	(S. C.) 80,91 oct.
(P) Lindsey (Swainsboro, Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale, S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee, S.C.)	3.5 SE;hwy SE	33	60h	
Owens (Columbia, S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91 oct. Tank WSW; twr SSE
→ Parris Isl. (S.C.)	1.5 S	11	60h	CLOSED
Peiffer (Wilmington, N.C.)	6 ESE;hwy N	10	18 S6	80 oct. N, NNE blkd.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga) (Hunter)	263 (SH) (116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
→ Savannah-Wilmington (Savannah, Ga)	8 ESE; hwy NW	10	29 L S6	80 oct. Bndry lgts. N, NE blkd. Rough.
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18
(A) Shaw (Sumter, S.C.) (A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct. JP-1.
(P) Statesboro (Ga)	3.8 NE;hwy W	180	53h	
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct. Data unver.
→ Sylvania (Ga)	7.5 SSE	160	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston, S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W. Savannah (Savannah, Ga)	3 W;RR W, N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden, S.C.)	2.9 NE;hwy E	300	30h S4	80,91 oct. Parked acft on fld

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

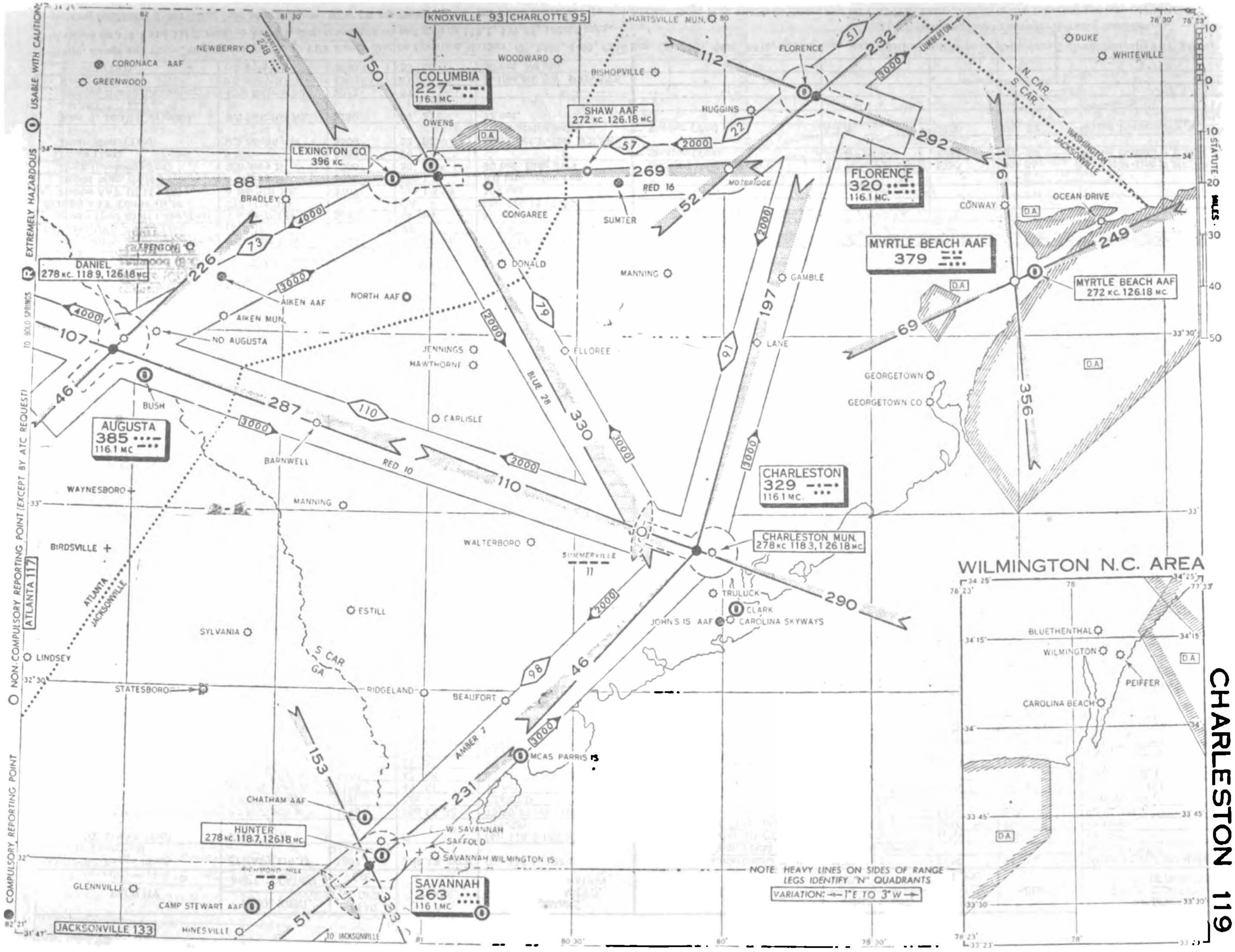
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3 -·-·-	335	147°	IM-	MM- ·-·-(0.64)	OM- --(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bradley (Batesburg, S.C.)	3.2 SE;hwy W	210	22 S2	80 oct. P-line W, trees
Gamble (Kingtree, S.C.)	1 8 E;hwy N	52	21 S2	80 oct. S, W blkd S, SE
Saffold (Savannah, Ga)	4 E;hwy S	10	32 S4	80 oct.
→ Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. NE, ENE blkd.
Newberry (S.C.)	2.3 NNW;RR NE	565	22 S2	80 oct. P-line E
→ Glennville (Ga)	2 SE;riv N, E	552	26 S6	80 oct. blkd.
→ Bishopville (S.C.)	2 SW;hwy N	175	32 S1	80 oct. ESE, WNW appchs
	1.8 NNE;hwys 0.6 SW	220	19 S2	80 oct. NNE, E, SSW blkd by trees

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (S) - 2165, 4495, 6550 kcs. (4) - 2165, 4495, 6550, 2117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 118.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 157.65, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93 CHARLOTTE 95
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
TO BOLD SPRINGS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
ATLANTA 117
JACKSONVILLE 133
CORONACA AAF
GREENWOOD
NEWBERRY
SPARTANBURG 248
COLUMBIA 227 116.1 MC.
WOODWARD
HARTSVILLE MUN.
BISHOPVILLE
FLORENCE
DUKE
WHITEVILLE
LUMBERTON
N. CAR.
S. CAR.
WASHINGTON
JACKSONVILLE
SHAW AAF 272 KC. 126.18 MC
HUGGINS
OWENS
LEXINGTON CO 396 KC.
BRADLEY
CONGAREE
SUMTER
RED 16
MOTEBRIDGE
FLORENCE 320 116.1 MC.
CONWAY
OCEAN DRIVE
DANIEL 278 KC. 118.9, 126.18 MC
TRENTON
DONALD
MANNING
GAMBLE
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO AUGUSTA
JENNINGS
HAWTHORNE
FLOREE
BLUE 28
LANE
GEORGETOWN
GEORGETOWN CO
BUSH
AUGUSTA 385 116.1 MC
CARLISLE
BARNWELL
RED 10
WAYNESBORO
MANNING
CHARLESTON 329 116.1 MC.
CHARLESTON MUN. 278 KC 118.3, 126.18 MC
WALTERBORO
SUMMERVILLE
TRULUCK
CLARK
JOHNS IS AAF
CAROLINA SKYWAYS
BIRDSVILLE
ATLANTA
JACKSONVILLE
ESTILL
SYLVANIA
LINDSEY
S CAR
GA
STATESBORO
RIDGELAND
BEAUFORT
AMBER 7
MCAS PARRIS I.
CHATHAM AAF
HUNTER 278 KC. 118.7, 126.18 MC
W. SAVANNAH
SAFFOLD
SAVANNAH WILMINGTON IS.
SAVANNAH 263 116.1 MC
GLENNVILLE
CAMP STEWART AAF
HINESVILLE
TO JACKSONVILLE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
STATUTE MILES
CHARLESTON 119

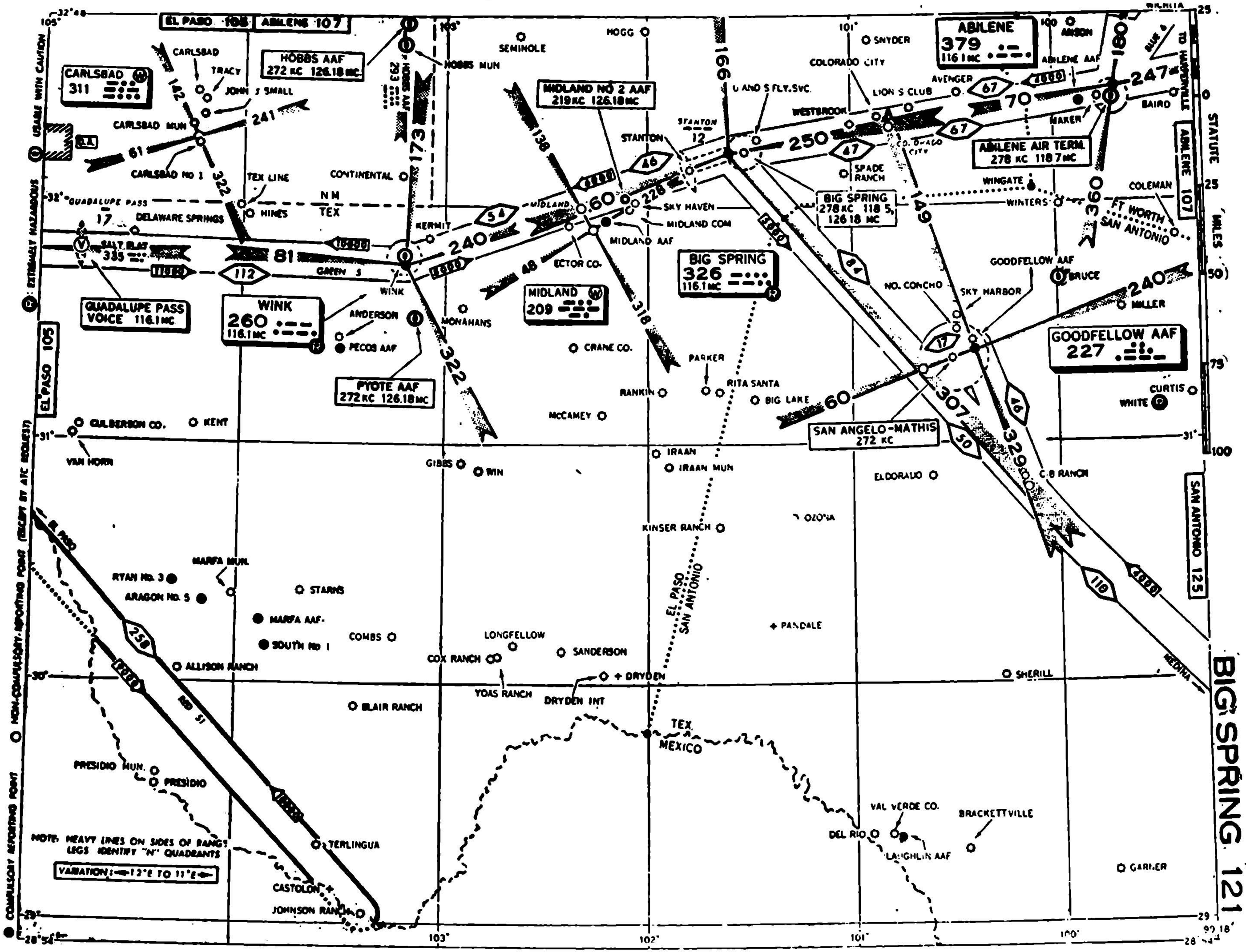
BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S1	80 oct.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct NATS.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h S6	80 oct.Usable strip 7460'.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E.
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only.
➸ Combs (Marathon, Tex)	0.8 SE;RR N	4100	26 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
*+ Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
*+ Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
➸ Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
➸ Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct. JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
➸ Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(A) Laughlin (Del Rio,Tex)(A)	7 E;hwy N	1070	67h	CLOSED.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
➸ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
➸ Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
➸ Monahans (Tex)	1.2 SW;RR N	2643	33 S6	80,91 oct.P-line SSW.
North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr.after sun-set).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct,400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld. P-line W,NW.
Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80,91 oct,After 2100 lgts on req.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED. W-mill WNW
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
U & S Fly.Svc.(Big Spring)	1.5 N; hwy 1 S	2517	34 S6	80 oct.P-line N,NNE.Ctn E/W strip.(Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
★ Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW
➸ Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct P-lines N,E,ESE,NW.
➸ Snyder (Tex)	1.3 S	2270	21 S2	80 oct.P-lines NW,W,SE.E blkd

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) ➸ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIG SPRING 121
EL PASO 105
ABILENE 107
CARLSBAD 311
HOBBS AAF 272 KC 126.18 MC
MIDLAND NO 2 AAF 219 KC 126.18 MC
ABILENE 379 116.1 MC
ABILENE AIR TERM 278 KC 118.7 MC
BIG SPRING 278 KC 118.5, 126.18 MC
BIG SPRING 326 116.1 MC
MIDLAND 209
WINK 260 116.1 MC
GUADALUPE PASS VOICE 116.1 MC
PYOTE AAF 272 KC 126.18 MC
GOODFELLOW AAF 227
SAN ANGELO-MATHIS 272 KC
SALT FLAT 335
CARLSBAD MUN
CARLSBAD NO 1
HOBBS MUN
SEMINOLE
HOGG
SNYDER
COLORADO CITY
ABILENE AAF
ANSON
BAIRD
WESTBROOK
AVENGER
LION'S CLUB
U AND S FLY. SVC.
STANTON
SPADE RANCH
WINGATE
WINTERS
COLEMAN
FT WORTH
SAN ANTONIO
TEX LINE
CONTINENTAL
HINES
NM
TEX
GUADALUPE PASS
DELAWARE SPRINGS
KERMIT
MIDLAND
SKY HAVEN
MIDLAND COM
MIDLAND AAF
ECTOR CO.
GREEN'S
WINK
ANDERSON
PECOS AAF
MONAHANS
CRANE CO.
PARKER
RITA SANTA
RANKIN
BIG LAKE
MCCAMEY
GOODFELLOW AAF
BRUCE
MILLER
NO. CONCHO
SKY HARBOR
CURTIS
WHITE
GILBERSON CO.
KENT
VAN HORN
GIBBS
WIN
IRAAN
IRAAN MUN
ELDORADO
C-B RANCH
KINSER RANCH
OZONA
EL PASO SAN ANTONIO
PANDALE
MARFA MUN.
RYAN No. 3
ARAGON No. 5
STARNS
MARFA AAF-
SOUTH No 1
COMBS
LONGFELLOW
SANDERSON
COX RANCH
YOAS RANCH
DRYDEN INT
DRYDEN
SHERILL
ALLISON RANCH
BLAIR RANCH
TEX MEXICO
PRESIDIO MUN.
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
VAL VERDE CO.
DEL RIO
LAUGHLIN AAF
BRACKETTVILLE
GARNER
MEDINA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
105°
104°
103°
102°
101°
100°
99°18'
32°48'
32°
31°
30°
29°
28°54'

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;RR N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	6 WSW;RR SE	107	57h	CLOSED. (A)
(A) Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
➝ Asherton (Tex)	1 S;hwy N	552	13	Trees N. Bush ENE. CTN.
★ Austwell Int,5A,CR-HU	2.1 SSW;bay NE	23	32 L2	Fence sur fld.(Tex)
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt opers).
(N) **Cabaniss NAAS** (Corpus Christi, Tex) (N)	6.2 SSW;RR NE	30	50h L5 S4	91 oct.
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver.
➝ Chase (Beeville,Tex.)	5.6 ESE;rd N	186	46h	CLOSED. (Tex)
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;RR N	42	45h L5 S6	80,91 oct. No sto. Repairs for airlines only
➝ Commercial (Edinburg)	1 W;RR SE	90	13 S1	73 oct. P-line NW
Community (Sinton,Tex)	2 W;RR SE	143	50	(Tex)
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE	19	58h L5 S6	91,100 oct. NATS.(N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
➝ Crystal City (Tex)	1.8 N;RR W	600	31 S4	80 oct,P-line ENE,WSW.
➝ CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L3 S6	80,91 oct. No bcn. (Tex.)
➝ Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	26	P-line NNE,WSW.
➝ Eagle Pass (Tex)	10 N;RR N	887	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct. ARPT OF ENTRY
➝ Elsa (Tex)	1 SSE;RR SE	70	21 L S6	80 oct. Lgts prior req.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 S2	73,80 oct. Poles W,SE.
➝ Freer (Tex)	3.8 NNW			ABANDONED
➝ Harlingen, com. (Tex)	1.8 SSW	41	18	
➝ Harlingen (Tex)	5 NW;RR SW			ABANDONED
➝ Harlingen, mun. (Tex)	3.5 NE	35	60h L5 S6	80,91 oct. Lgts prior req
Hunt (Portland, Tex)	2 WNW	35	16 S5	80 oct. RR ESE.
Indianola (Magnolia Beach)	2 SW;hwy N	17	34	PRIVATE. (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18, 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	59h L6 S6	73-100 oct. **ARPT OF** ENTRY. 100 oct. Army
Kahler (Alamo, Tex)	4 NNE;RR W	90	20 S1	73 oct. Poles sur fld.
Kenedy (Tex)	1.4 ESE;RR N	270	19 S2	80 oct.
★ Kingsville Int,11,JI-FV	3.5 S;RR W	58	26 L3	(Tex)
➝ " (North) (Tex)	3.5 ESE	47	61h	CLOSED. Hwy NW.
Kingsville (South) (Tex)	3.5 SE;hwy N	51	61h S4	80, 91 oct. Hwy W.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE	161	20	
➝ La Laja (Dolores,Tex)	1.5 NNE;riv SW			ABANDONED
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
➝ [Laredo] (Tex)	3.5 NE;hwy, RR W	512	66h L5 S6	80,91 oct. Lgts **on req.** ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S1	73,80 oct. P-line W.
➝ McAllen (Tex)	1.6 SSW;hwy E	115	29 S6	80,91 oct. Obst sur. fld,
➝ Magic Valley (Mission)	1.5 SSW;lk W			ABANDONED
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT. NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Poles W.
➝ Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25h S4	80 oct. Canal N,E,S.
➝ Moore (Mission, Tex)	12 N;RR E	219	50h L5 S6	80,91 oct.
➝ " #1 (Mission,Tex)	10 N Edinb'g	80	40h	Hwy,RR W
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S1	80 oct.
★ Pawnee Int,22,JI-FV (Tex)	5 WNW;RR W	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
★ Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	4.3 N;bay W	22	45h	
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;RR NE	20	51h L5 S4	91 oct. No sto. opers.)
Rooke (Refugio, Tex)	3.2 WSW;RR E	46	30 S1	73 oct. Cattle on fld. Twr
➝ San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	80,91 oct, Bust SW. NW
➝ Shary (Mission, Tex)	1 NW;RR E			ABANDONED
Sinton (Tex)	1.3 E;RR NW	27	48 S6	80,91 oct. No sto.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct. Pwr line sur fld
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct. Poles E.
➝ Waldron (Corpus Christi, Tex)	12 SSE;hwy NNE	25	50h	CLOSED.
➝ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
➝ Wormser (Lardeo, Tex)	4 SE;hwy W			ABANDONED
Worsham (Taft,Tex)	0.8 ENE	54	25 S6	80 oct. Hwy SW.

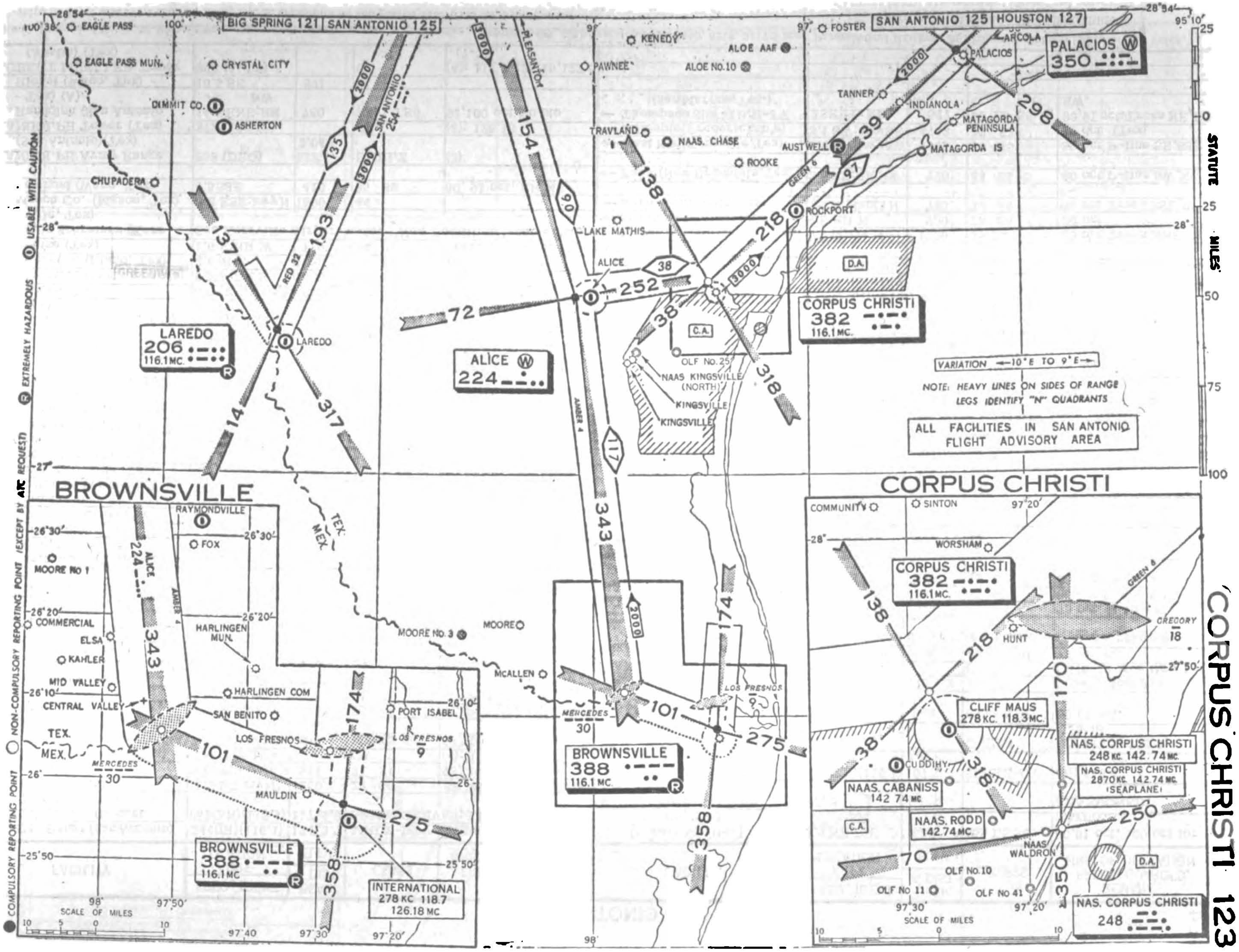
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3 •−−•−−	335	170°	IM−	MM−•−•−(0.66)	OM− −−(4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.55 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) ➝ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop, N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIG SPRING 121 SAN ANTONIO 125
SAN ANTONIO 125 HOUSTON 127
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ARC REQUEST)
COMPULSORY REPORTING POINT
LAREDO 206 116.1MC.
LAREDO
ALICE 224
ALICE
KENEDY
ALOE AAF
ALOE NO.10
PAWNEE
TRAVLAND
NAAS. CHASE
ROOKE
LAKE MATHIS
FOSTER
ARCOLA
PALACIOS
PALACIOS 350
TANNER
INDIANOLA
MATAGORDA PENINSULA
MATAGORDA IS
AUSTWELL
ROCKPORT
CORPUS CHRISTI 382 116.1MC.
D.A.
C.A.
OLF No.25
NAAS KINGSVILLE (NORTH)
KINGSVILLE
VARIATION 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No 1
COMMERCIAL
ELSA
KAHLER
MID VALLEY
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN COM
SAN BENITO
LOS FRESNOS
MERCEDES
MAULDIN
TEX. MEX.
MOORE NO. 3
MOORE
McALLEN
PORT ISABEL
BROWNSVILLE 388 116.1MC
INTERNATIONAL 278KC 118.7 126.18MC
SCALE OF MILES
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI 382 116.1MC.
HUNT
GREGORY
CLIFF MAUS 278KC. 118.3MC.
CUDDIHY
NAAS. CABANISS 142.74MC
NAAS. RODD 142.74MC.
NAAS WALDRON
OLF No.10
OLF No 11
OLF No 41
NAS. CORPUS CHRISTI 248KC. 142.74MC.
NAS. CORPUS CHRISTI 287.0KC. 142.74MC. (SEAPLANE)
NAS. CORPUS CHRISTI 248
STATUTE MILES
'CORPUS CHRISTI 123

SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	MRLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DIV	(3); 116.1, 122.1
Bandera (Tex)	1.7 SE;riv N	1250	27 S6	80 ,91 oct.P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	515	65h L5 S6	73,100 oct.JP-1,
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;RR SE	195	53 L S4	80,91 oct. Port lgts prior req.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
→ Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
→ Edna (Tex)				ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	lgts prior req
→ Garner (Uvalde, Tex)	2.7 E;hwy NW	930	17h L S6	80,91 oct. Port rnwy
Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct.P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct.P-lines NE,E,
Hefner (El Campo, Tex)	1.5 WSW;RR SE	104	21 L S2	80 oct. Port rnwy lgts. P-line S,SE.
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W	120	24 S1	Ltd 80 oct.P-line N,S.
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities"-name changed			
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
→ St. Edwards (Austin, Tex)	3.5 S			ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3) (6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv 1.4 W	596	65h L5 S1	73,91 oct.
* San Marcos Int, 31B, → JI-FV (Tex)	See Thompson under "New Facilities"-name changed.			
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

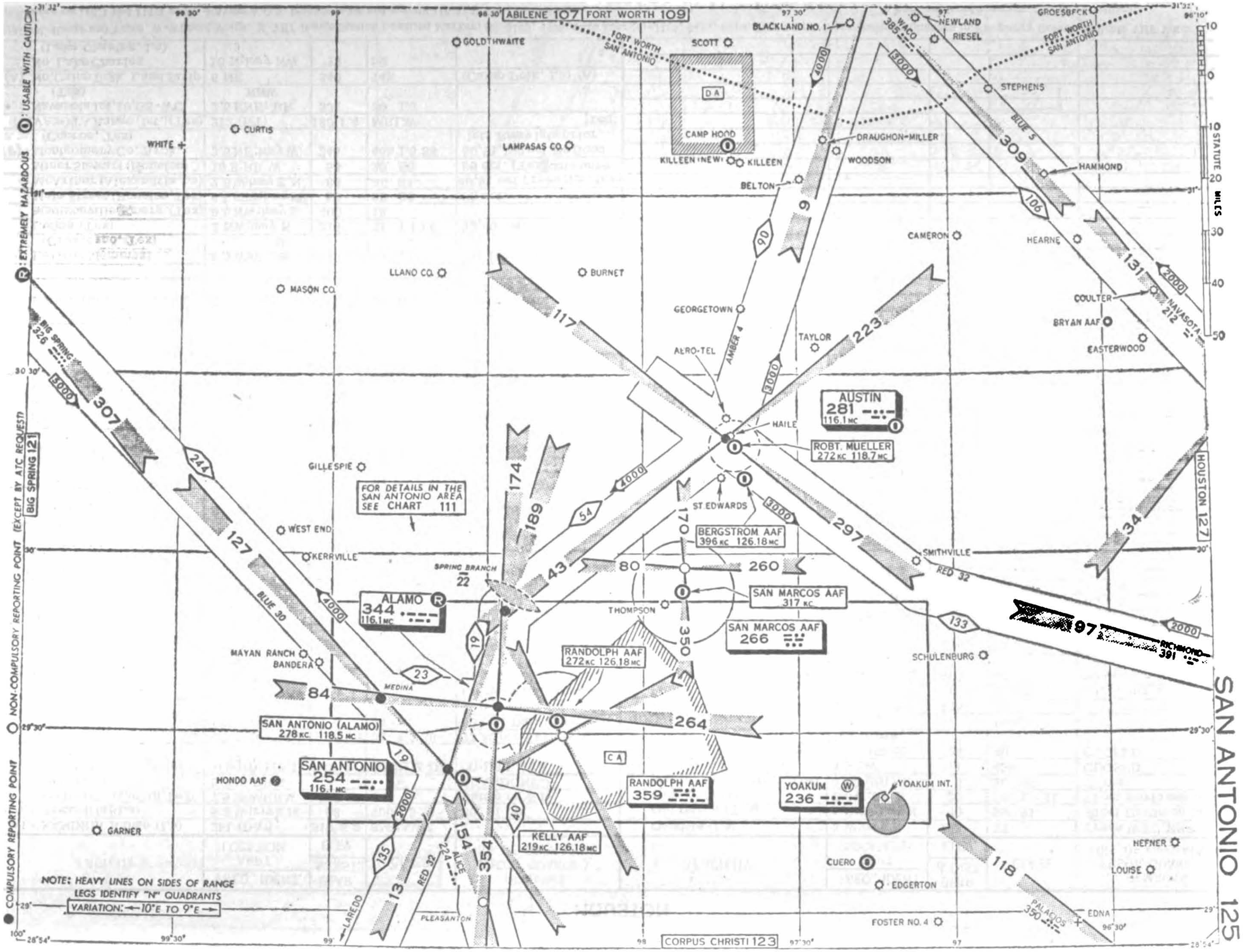
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ ALAMO	109.9	333.8	30°	IM-	MM- •—•—• (0.68)	OM- — — (4.38)
					MMK-	OMK-230•— — —
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Edna (Tex,	2 ESE,hwy S		20 S1	73 oct. Use strips only. Data unver.
Killeen-new (Tex)	1.6SE;RR,hwy N	833	25 S1	80 oct.
Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct.No f-lgts.P-line
Mayan Ranch(Bandera,Tex)	0.7 W;riv N	1230	25 S2	80 oct.Trees NNE,SSE,NW
→ St Edwards(Austin,Tex)	4 S;RR N	700	23 S4	80 oct
→ Aero-Tel(Austin,Tex)	7.5 N;plant I N	720	22 S6	80 oct.Trees SSE,W .
→ Faust(New Braunfels,Tex)	2.5 NE;RR NW	720	44 S4	80 oct.P-line SW,NW
→ West End(Kerrville,Tex)	1.9 NW;hwy SW	1645	20 S6	80 oct P-line SE,SSE
→ Gillespie(Fredericksb'g)	3.1 SW;hwy SE	1742	42 S3	80 oct. (Tex)
→ Thompson Site 31B,JI-FV (San Marcos,Tex.)	2 SE;riv NE	577	29 L3 S6	80,91 oct.Trees NE,ESE, SW.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


ABILENE 107
FORT WORTH 109
BIG SPRING 121
CORPUS CHRISTI 123
HOUSTON 127
SAN ANTONIO 125
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
GOLDTHWAITE
SCOTT
BLACKLAND NO. 1
WACO 385
NEWLAND
RIESEL
GROESBECK
FORT WORTH SAN ANTONIO
STEPHENS
WHITE
CURTIS
LAMPASAS CO.
CAMP HOOD
KILLEEN (NEW)
KILLEEN
DRAUGHON-MILLER
WOODSON
BELTON
HAMMOND
BLUE 5
CAMERON
HEARNE
MASON CO.
LLANO CO.
BURNET
GEORGETOWN
AERO-TEL
AMBER 4
TAYLOR
COULTER
NAVASOTA 212
BRYAN AAF
EASTERWOOD
AUSTIN 281 116.1 MC
HAILE
ROBT. MUELLER 272 KC 118.7 MC
BIG SPRING 326
GILLESPIE
FOR DETAILS IN THE SAN ANTONIO AREA SEE CHART 111
WEST END
KERRVILLE
SPRING BRANCH 22
ST EDWARDS
BERGSTROM AAF 396 KC 126.18 MC
SMITHVILLE
RED 32
ALAMO 344 116.1 MC
THOMPSON
SAN MARCOS AAF 317 KC
SAN MARCOS AAF 266
RANDOLPH AAF 272 KC 126.18 MC
MAYAN RANCH
BANDERA
MEDINA
SCHULENBURG
SAN ANTONIO (ALAMO) 278 KC 118.5 MC
SAN ANTONIO 254 116.1 MC
HONDO AAF
RANDOLPH AAF 359
YOAKUM 236
YOAKUM INT.
GARNER
KELLY AAF 219 KC 126.18 MC
CUERO
EDGERTON
HEFNER
LOUISE
EDNA
FOSTER NO. 4
PLEASANTON
ALICE
LAREDO
PALACIOS 350
RICHMOND 391
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 10°E TO 9°E →
STATUTE MILES
10
0
10
20
30
40
50

HOUSTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) Alexandria (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co.(Lufkin,Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
→ Bay City (Tex)	2 SSW;RR N			ABANDONED
BEAUMONT Range (Jefferson Co)(Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
Brazosport (Velasco,Tex)	1 N;hwy SW	6	24 S1	80 oct. Data unver. req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld.
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	Lgts on req to Ellington
(A) Ellington (Houston,Tex)(A)	15 SE;RR W	39	52h L5 S1	100 oct. Airways or
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct. Houston Arpt.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
Galveston (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City,Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA)(N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3);116.1,122.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
[Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91,100 oct.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress,Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co.(Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	Rnwy ctc lgts on req.
Jennings (La)	1.4 NNW;RR SW	20	32 S6	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
→ LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.](La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
→ Lake Charles (La)	5.2 SSW;hwy N			ABANDONED
→ Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5	Ctc lgts prior req.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg.(Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston,Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria,La)	2.8 W;hwy E,N	86	26 S4	80,91 oct. Trees N,S. Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior req.
NAVASOTA Range (Int.)(Tex)	212 (NT)	180°,1.4	MRLW	
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No.Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur,Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston,Tex)(A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville,Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston,Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So.Camp Polk Landing Strip (Camp Polk,La)(A)	Adj E	300	21h	
Sky Harbor (Anahuac,Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston,Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE.
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S2	80 oct.

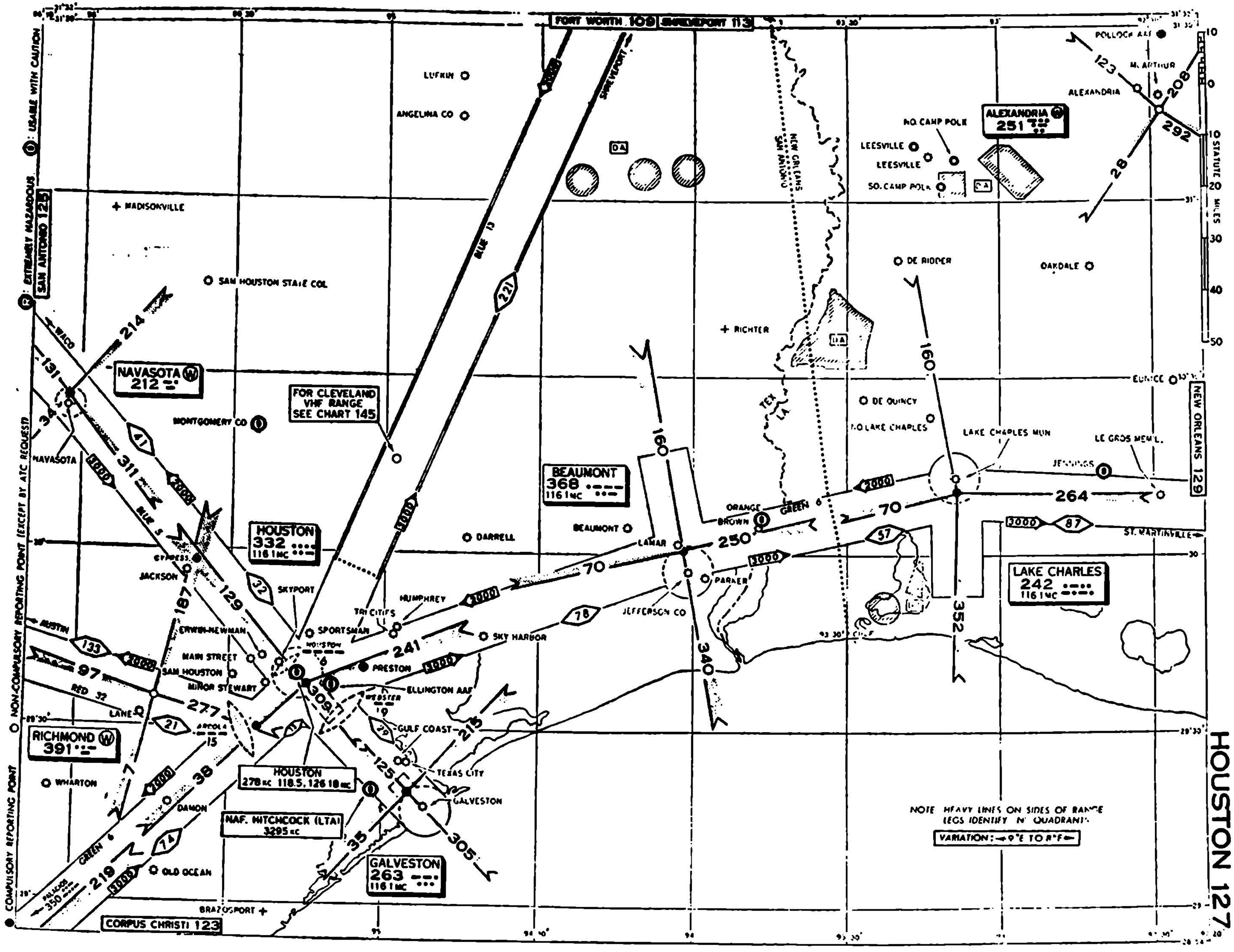
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9 ·•·•		35°	IM-	MM- ·—·—· (0.66)	OM- — — (4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

CLEVELAND Range(Tex)	109.1(CL)		VARW	
Brown (Orange,Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
Darrell (Liberty,Tex)	4.3 ESE;RR,hwy N	30	29 S1	80 oct. P-line N
Lane (Rosenburg,Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
Texas City (Tex)	1.8 NNW	8	34 S4	80.91 oct. P-line NE.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


FORT WORTH 109
SHREVEPORT 113
HOUSTON 127
EXTREMELY HAZARDOUS: USABLE WITH CAUTION
SAN ANTONIO 125
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
LUFKIN
ANGELINA CO
MADISONVILLE
SAM HOUSTON STATE COL
NAVASOTA 212
FOR CLEVELAND VHF RANGE SEE CHART 145
MONTGOMERY CO
HOUSTON 332
BEAUMONT 368
RICHMOND 391
HOUSTON 278 118.5, 126.1
NAF. HITCHCOCK (LTA) 3295
GALVESTON 263
CORPUS CHRISTI 123
ALEXANDRIA 251
LEESVILLE
NO. CAMP POLK
SO. CAMP POLK
POLLOCK AAF
MT. ARTHUR
RICHTER
DE RIDDER
OAKDALE
EUNICE
DE QUINCY
NO. LAKE CHARLES
LAKE CHARLES MUN
LE GROS MEM'L.
JENNINGS
LAKE CHARLES 242
DARRELL
BEAUMONT
LAMAR
ORANGE
BROWN
GREEN
PARKER
JEFFERSON CO
SKYPORT
TRI CITIES
HUMPHREY
SPORTSMAN
SKY HARBOR
ERWIN-NEWMAN
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
WEBSTER
GULF COAST
TEXAS CITY
GALVESTON
JACKSON
CYPRESS
LANE
ARCOLA
WHARTON
DAMON
OLD OCEAN
BRAZOSPORT
AUSTIN
WACO
RED 32
BLUE 5
BLUE 15
SHREVEPORT
NEW ORLEANS
SAN ANTONIO
TEX LA
NEW ORLEANS 129
STATUTE MILES
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS
VARIATION: 9°E TO 8°E

NEW ORLEANS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
→BATON ROUGE Range (La) (Harding)	347 (RX)	119°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N			ABANDONED
★ Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
✱ Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
→Ellisville (Miss)	1.3 SW	240	18 S4	80 oct, Trees all appchs.
(A) Esler (Alexandria, La) →(A)	11 NE;Bayou S	108	45h	CLOSED
False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S6	80,87 oct. Obsts sur fld.
→Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S4	80 oct. Trees sur fld.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
→Gulfport #1, (Miss)	3 NE;bayou N.	27	70h S4	80 oct.
→Gulfport, Mun. #2 (Miss)	1.3 N;RR E	30	22	CLOSED
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding](Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
→Joseph H. Sharpe (Natchez, Miss)	See Sharpe Airport under "New Facilities" - name changed			
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4);116.1,122.1 on req.
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S, Fld lgts
→Laurel (Miss)	3 SW;RR SE	231	55h L S6	80,91 oct. Lgts in emerg.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field. on fld.
→McLaurin (Miss)	1 NNE;RR E	350	21 S4	80 oct. NE blkd. Cattle
→Menefee (New Orleans,La)	See Meraux-Neunez Arpk under "New Facilities"-name changed.			

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
[Moisant International] (New Orleans, La)	11 W;riv S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) →(Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3);116.1,122.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L5 S4	91,100 oct.; 80-100 oct, 1-ech main NG.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver:
→Picayune (Miss)	2.3 NNE;hwy W	92	19 S4	80 oct. P-line W
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
→Texaco (New Iberia,La)	2.6 N;hwy W			ABANDONED
✱ Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven,Miss)	1.5 NNE;RR W	500	28 S4	73,80 oct. No sto. P-line W
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM-·-·-(0.67)	OM- – –(3.92)
					MMK-	OMK-254 ·–··
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

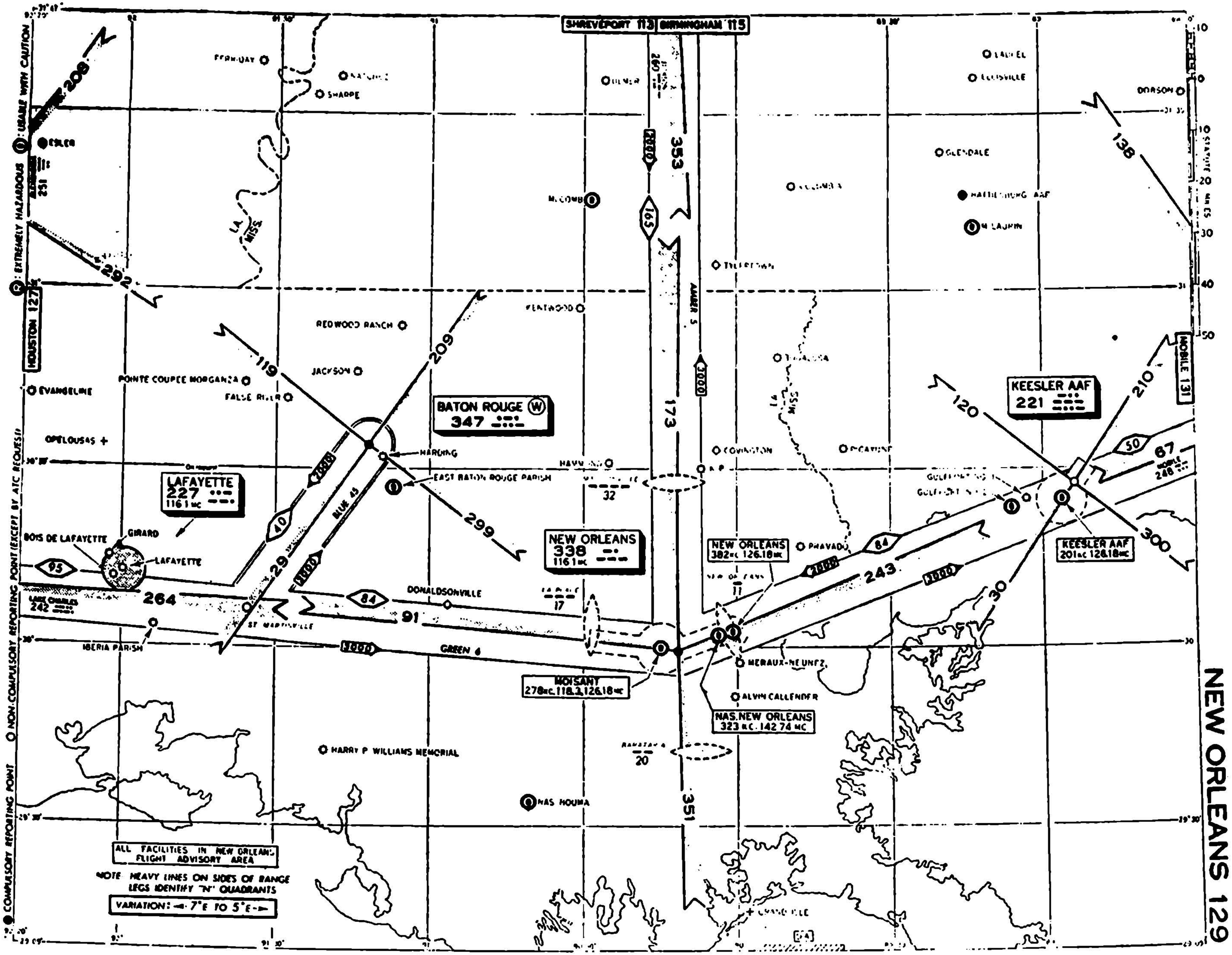
NEW FACILITIES

→Pravado(Slidell,La)	1 W;hwy N	9	18 S1	80 oct
→Kentwood (La)	0.4 N	100	15 S2	80 oct
→Dobson(Bucatunna,Miss)	1 N;hwy W	185	22 S2	80 oct. Trees ENE,SSE, NNW
→Sharpe (Natchez,Miss)	1.8 ESE;RR S	27	26 S4	80 oct. N,W blkd
→Meraux-Neunez Arpk (New Orleans,La.)	5.2 E;riv S	1	25 S6	80 oct. P-lines S.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (see page XIII

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalised.


SHREVEPORT 113
BIRMINGHAM 115
HOUSTON 127
MOBILE 131
BATON ROUGE (W)
347
LAFAYETTE
227
1161 MC
NEW ORLEANS
338
1161 MC
KEESLER AAF
221
NEW ORLEANS
382 MC 126.18 MC
KEESLER AAF
201 MC 126.18 MC
MOISANT
278 MC 118.3 126.18 MC
NAS NEW ORLEANS
323 MC 142.74 MC
LAKE CHARLES
242
EVANGELINE
OPELOUSAS
POINTE COUPEE MORGANZA
FALSE RIVER
REDWOOD RANCH
JACKSON
FERRIDAY
SHARPE
TYLER
M. COMB
GLENDALE
LAUREL
ELLISVILLE
HATTIESBURG AAF
N. LAUREL
TYLERTOWN
PERKINSTON
COVINGTON
PICAYUNE
HAVANA
EAST BATON ROUGE PARISH
HARDING
GIRARD
BOIS DE LAFAYETTE
LAFAYETTE
DONALDSONVILLE
ST MARTINVILLE
IBERIA PARISH
GREEN 6
HARRY P WILLIAMS MEMORIAL
NAS HOUMA
MORAUX-NEUNEZ
ALVIN CALLENDER
PHAVADO
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
E: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
208
292
209
119
299
264
91
138
120
210
243
30
67
353
173
351
LA. MISS.
MISS.
MUF 45
NEW ORLEANS 129

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
→ Andalusia (Ala)	1.7 S;hwy W	340	18 S6	80 oct. P-line NW.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
→BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
→BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West (Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Bascomb (Fla) (A)	3.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (Ala)	3.5 S;riv N	92	40h	Cattle on fld.
→ Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
Carabelle Flgt Strip (Fla)	2.6 W;hwy S	20	40h	NNW
→ Chastain's (Prichard, Ala)	2.5 NW;hwy E	50	19 S6	80 oct. SSE blkd. Trees SW.
Chipley (Fla)	1.5 SE;hwy N	100	24 S1	80 oct. Trees around fld.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct Data unver. (Fla
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4); 116.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
→ Davis (Mobile, Ala)	13.5 SW;bcn N	180	17 S6	80 oct. →
De Funiak Springs (Fla)	1 W;RR N	197	25 S1	80 oct Pwr line N.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(NI)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valparaiso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
→ Enterprise (Ala)	0.5 N;hwy W	355	23 S6	80 oct. Trees WSW.
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	3 NW		17	Data unver.
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
→ Jackson Co. (Pascagoula,Miss)	3.5 ENE	16	45h L S6	80,91 oct. Ctc lgts prior req
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct. P.line W.E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) Marianna (Fla)	6 NE;hwy E	112	50h L5 S4	80 oct. Fld lgts prior req.
(P) Middleton (Evergreen,Ala)	6 WSW;hwy N	258	40h L5	Fld lgts prior req.
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S3	80 oct.
MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°, 3.2	SBRAZ-DTV	(3);116.1,122.1.
→ Napier (Dothan, Ala)	7.5 NW;RR S	397	45h	
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT NO FACS.
Panama City (Fla)	5 NW;bay N,S,W	5	19 S6	80 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S4	80,91 oct.
Pensacola Arpk (Fla)	5 NNW;hwy E		28 S1	80 oct. Allway fld Data ver.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN.	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier (Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
→ Southern Airmotive (Dothan)	2 SE;hwy SW	322	27 S6	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W			ABANDONED.
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
→ WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld INACTIVE (N)
(N) Wolf OLF (Josephine,Ala)(N)	1.5 N;bay E	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

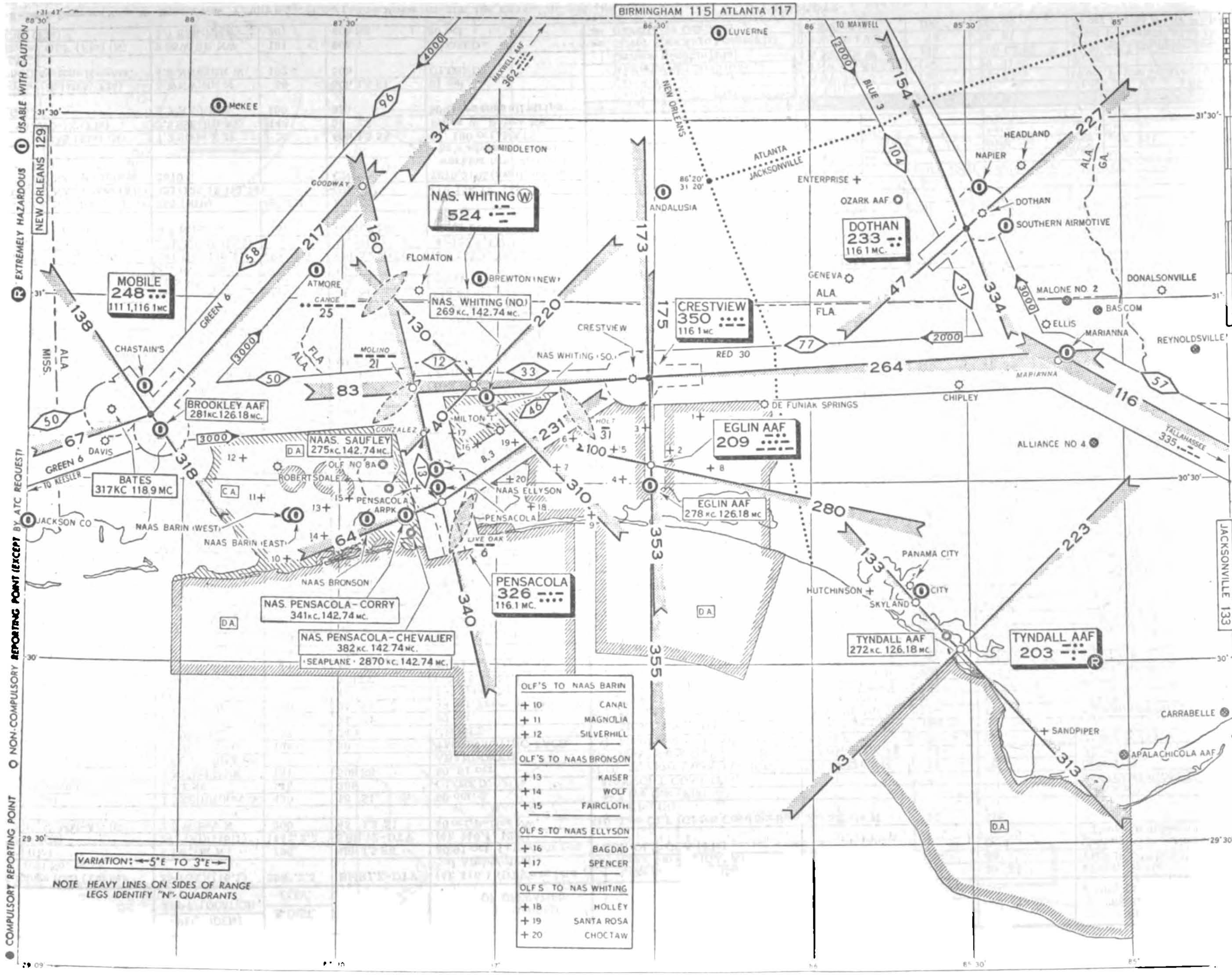
NEW FACILITIES

BATES tower (Ala)	317(118.9)		C	(4);118.9 prior req.
Flomaton (Ala)	2 NNE;RR I E	240	16 L S4	80 oct. P-line W. Strip lgts
→ Hutchinson's Avia Port	9 5 WNW	10	19 S1	80 oct (Panama City,Fla)
→ Sandpiper (Port St Joe,Fla)	1 E	20	22 S4	80 oct
→ Headland (Ala)	2 ENE;hwy NW	350	48 S1	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. **h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XII)**

→ NEW OR REVISED DATA. **(NC)-Not charted.** **[Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.**


BIRMINGHAM 115 ATLANTA 117
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NEW ORLEANS 129
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
JACKSONVILLE 133
MOBILE 131
LUVERNE
TO MAXWELL
MCKEE
MIDDLETON
NEW ORLEANS
ATLANTA JACKSONVILLE
ENTERPRISE
HEADLAND
NAPIER
DOTHAN
SOUTHERN AIRMOTIVE
OZARK AAF
ANDALUSIA
GENEVA
ALA
FLA
DONALSONVILLE
MALONE NO. 2
BASCOM
ELLIS
MARIANNA
REYNOLDSVILLE
CHIPLEY
DE FUNIAK SPRINGS
ALLIANCE NO 4
NAS. WHITING (W) 524
DOTHAN 233 116.1 MC.
CRESTVIEW 350 116.1 MC.
MOBILE 248 111.1,116.1 MC
NAS. WHITING (NO.) 269 KC, 142.74 MC.
FLOMATON
BREWTON (NEW)
ATMORE
CANOE 25
MOLINO 21
CRESTVIEW
NAS WHITING (SO.)
CHASTAIN'S
BROOKLEY AAF 281 KC, 126.18 MC.
NAAS. SAUFLEY 275 KC, 142.74 MC.
OLF NO 8A
ROBERTSDALE
BATES 317 KC 118.9 MC
JACKSON CO
NAAS BARIN (WEST)
NAAS BARIN (EAST)
PENSACOLA ARPK
NAAS ELLYSON
PENSACOLA
LIVE OAK
NAAS BRONSON
NAS. PENSACOLA-CORRY 341 KC, 142.74 MC.
NAS. PENSACOLA-CHEVALIER 382 KC, 142.74 MC.
SEAPLANE 2870 KC, 142.74 MC.
PENSACOLA 326 116.1 MC.
EGLIN AAF 209
EGLIN AAF 278 KC, 126.18 MC
TYNDALL AAF 272 KC, 126.18 MC.
TYNDALL AAF 203
PANAMA CITY
CITY
HUTCHINSON
SKYLAND
SANDPIPER
CARRABELLE
APALACHICOLA AAF
OLF'S TO NAAS BARIN
+10 CANAL
+11 MAGNOLIA
+12 SILVERHILL
OLF'S TO NAAS BRONSON
+13 KAISER
+14 WOLF
+15 FAIRCLOTH
OLF'S TO NAAS ELLYSON
+16 BAGDAD
+17 SPENCER
OLF'S TO NAS WHITING
+18 HOLLEY
+19 SANTA ROSA
+20 CHOCTAW
VARIATION: 5°E TO 3°E
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Arpt).
→ Albany (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct. Lgts prior req.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
→ Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3 S1	80 oct, P-line NW.
Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S1	80 oct.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
→ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	CLOSED
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct. Trees W. Poles SW
(N) Branan OLF (Jacksonville, Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4);116.1,122.1
Brunswick Arpt (Ga)	2.5 NNE;RR W	14	26 S2	80,91 oct Trees NE
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW.	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville, Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
Civil Air Patrol (Waycross, Ga)	2.6 WSW;RR N	140	22 S6	80 oct. W blkd. Soft
→ Commodore Decatur (Bainbridge, Ga)	2 WNW;hwy N	103	40h S1	80 oct.
→ Cook County (Adel, Ga)	1.3 W;hwy N,S	220	40h S6	80, 91 oct. SW blkd.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct. No sto.
→ CROSS CITY(AAF) Range (Fla.)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L5	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry] (Tallahassee, Fla)	3 W; RR S	70	52h L5 S4	80, 91 oct.
→ Darien (Ga)	0.8 SE;riv S	30	14 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla) →	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
→ Faceville (Ga)	3.5 S			ABANDONED.
(P) Fernandina (Fla)	4 S;ocean E	16	50h	
Fitzgerald (Ga)	2 SSW;RR W,E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts. (Jacksonv'l, Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;RR NE	82	20 L3	P-line NE,SW,NW
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105.6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105.4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	38h L1 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S,Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR N	20	40 S6	80,91 oct. Trees sur fld.
Hawthorne (Fla)	1.2 SSE;RR W	120	24 S1	Ltd 80 oct. Trees S,W,NE.
→ Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S4	80,91,100 oct, on req.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126.18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) Jacksonville #1 (Fla)	6.3 N;RR W	52	70h L6 S4	80,91 oct.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail. during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3	Poles W. P-line NE.
→ Jesup (Ga)	2.3 NE;RR E	100	23	50' trees ends all strips
(P) Kay Larkin (Palatka, Fla)	3 WNW;RR N	56	50h L5 S1	91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	CLOSED
→ Lake City (Fla)	3.7 ESE;RR S	201	60h S2	80 oct.
Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	30 S4	80 oct. No sto.
(A) Lake Park #2 (GA)(A)	1 SSW;hwy N	220	48	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
→ Live Oak (Fla)				ABANDONED
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	CLOSED
(A) Montbrook AAF (Williston, Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE,RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	2 S;RR E	45	50h S2	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy, RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE,WSW blkd.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S1	80, 91 oct.
St. Marys (Ga)	1.7 NNW;riv S	24	50h	Cattle on fld.
ST. SIMONS ISLAND NAS Tower → (Ga)				DECOMMISSIONED
(N) St. Simons Island NAS (Ga)(N)	6 E Brunswick	19	41h	Inactive. Trees NE,SW
→ Sky Haven (Albany, Ga)	1.5 SSW;hwy E	200	26 S4	80 oct P-line WNW
Sawyer (Palatka, Fla)	2.6 S;RR SE	60	25	Trees N,E,S.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60 S6	Pwrline E.
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
→ Stengel (Gainesville, Fla)	4 WSW;RR SE	70	47 S6	80, 91 oct.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	CLOSED
TALLAHASSEE Rng (Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts.
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW.
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
→ Thomasville com. (Ga)	1 SW;RR N	250	42 S2	80 oct. P-lines NW
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S6	80,91 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80,91 oct. Lgts prior req.
Tomoka (Daytona Beach, Fla)	7.8 NW	29	40h	
(A) Turner (Albany, Ga) (A)	3.8 ENE;riv N	215	76h	TMP INACT.NO FACS.
Vada (Ga)	1.5 WNW;hwy E	140	40h	CLOSED.
→ Valdosta (Ga)	3.7 S;RR W	226	56h L5 S1	80 oct. Lgts prior req.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	31 S6	80 oct. No sto. P-line E. Data unver.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

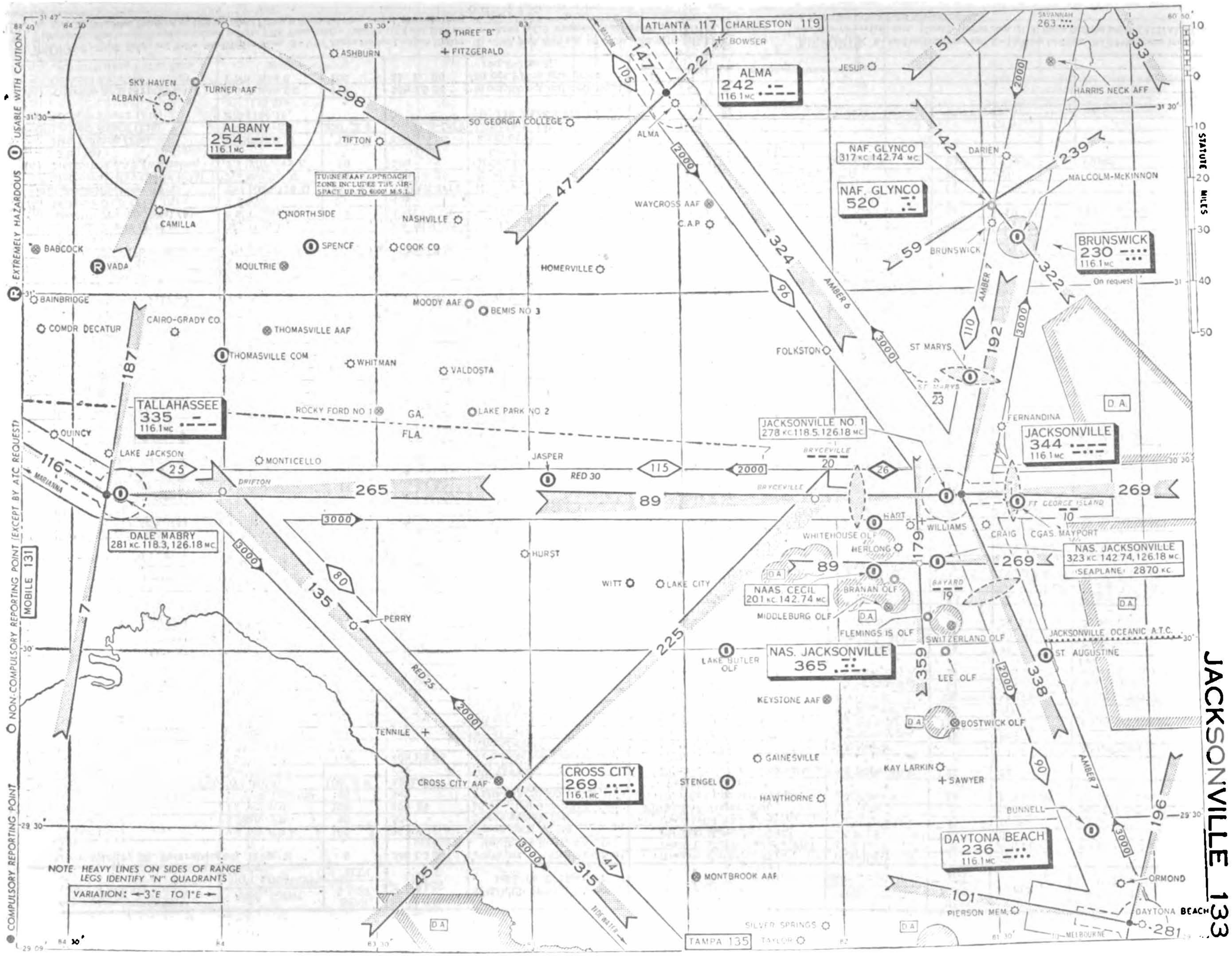
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
JACKSONVILLE	110.3	335	44°	IM-	MM- (0.66)	OM- (4.60)	
				MMK-209		OMK-251	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW. W. Rough
Camilla (Ga)	1.4 NW;hwy S	180	21 S1	80 oct. P-line SW, trees NE.
Whitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	19 S1	80 oct.
Gainesville Mun (Fla)	4.5 NE;RR W	155	50h L5 S2	80,91 oct. Lgts prior req.
→ Silver Spgs Aero Lodge (Fla)	0.3 W;RR 1 WSW	75	26 S1	80 oct P-lines SE,S Lgt planes only.
→ Hurst (Live Oak, Fla)	2.5 SW;rd NW	105	26 S6	80 oct P-line N,NW

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. (Jones) – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 117 CHARLESTON 119
ALBANY 254 116.1 MC
ALMA 242 116.1 MC
BRUNSWICK 230 116.1 MC On request
TALLAHASSEE 335 116.1 MC
JACKSONVILLE 344 116.1 MC
CROSS CITY 269 116.1 MC
DAYTONA BEACH 236 116.1 MC
NAS. JACKSONVILLE 365
NAF. GLYNCO 520
NAF. GLYNCO 317 KC 142.74 MC
JACKSONVILLE NO. 1 278 KC 118.5, 126.18 MC
DALE MABRY 281 KC 118.3, 126.18 MC
NAS. JACKSONVILLE 323 KC 142.74, 126.18 MC SEAPLANE 2870 KC
NAAS CECIL 201 KC 142.74 MC
TAMPA 135
SAVANNAH 263
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
JACKSONVILLE 133

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg Fla)	adj. E; bay E	6	33h L3 S6	80,91 oct. Coast Gd Stn adj Poles,stack NW,SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld
→ Avon Park (Fla)	1.5 W;RR E	156	40h S4	80,91 oct. P-line S;trees sur
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT,NO FACS. fld.
BANANA RIVER Navy Range(Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower(Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct.No bcn Lgts on req.
→ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
→ Bartow (Fla)	5.5 NE;RR NW	124	50h S4	80,91 oct.
→ Bradenton (Fla)	0.5 S;RR E.	20	24 S6	80 oct. Obst sur fld.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
→ Bunnell (Fla)	3.5 E;lk SW	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E;hwy N	105	41 S6	80 oct.No sto.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N	56	53	
Cedar Keys (Fla)	1 W;bay S	6	25h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80,91 oct. Trees W.
Cocoa (Fla)	1 N;RR E	20	26 L1	P-line E;trees S,W.
(A) Conners (Okeechobee,Fla)(A)	2.5 NW;RR S	34	50h	CLOSED.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy S	80	60h L5 S1	87, 91 oct.
Dorr (Arcadia, Fla)	11.5 E;hwy N	74	53	
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	No bndry lgts, 80,91,100 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	15	P-line NE;trees SW.
→ (P) Fette Aircraft Service (Fla)	1.9 SSE;E	19	50h S6	80 oct.
Fort Pierce, com. (Fla)	3.3 SSE;RR E	18	26 L1 S6	80 oct. P-line W.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NNW	81	23 S1	80 oct. Poles SW,N,W.
Gilbert (Winter Haven, Fla)	3.5 NNW;RR N	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	6.5 ESE;RR N	62	50h	
Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	27 S5	80 oct. E blkd.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW; hwy E	90	20 S4	80 oct.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80 Oct. No bndry,flood lgts
(A) Lakeland AAF (Fla)(A)	4.5 SW;RR NE	142	50h	CLOSED.
[Lakeland Mun. #1] (Fla)	2.1 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed			
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18. ➡ 00,20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1 No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct, Lgts on req.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
→ ORLANDO Range (Fla)	206(OR)(vhf)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake SE	115	55h L5 S6	91 oct;100 oct.mil.acft.No sto
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa,Fla)	3.7S;bayS,E,W	8	40h L5 S6	80,91 oct.Shipyard NE.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Pinellas Co. Master] (St. Petersburg, Fla)	9.5 N;bay N	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;RR E	21	32	
→ Plant City (Fla)	3 E;hwy N			ABANDONED
→ Punta Gorda (Fla)	5 ESE;hwy SW	25	50h	
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
→ Ryan (Apopka, Fla)	1 N;hwy E	104	25 S4	80 oct. Obst sur fld.
Sanford (Fla)	2.5 SE;lake N,S	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Fld lgts prior req.
Sarasota, com. (Fla)	2.5 E;RR S	25	28 S1	80 oct.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.Pwr line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80 oct.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct. No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa(Titusville)	6 S;RR E	35	50h L5 S6	80 oct. (Fla) Lgts prior req.
* Titusville Int,20,MM-AG(Fla)	1.3 NW;RR E	28	26 L3	
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities" - name changed.			
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
→ Venice, mun. (Fla)	0.5 SE;hwy W	20	36 S4	80 oct. Trees ENE,SE.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4); 116.1
[Vero Beach] (Fla)	1 NW;RR E	24	75h S1.	91 oct,Airlines only exc in emerg
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld. Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h L S1	80,91 oct. Lgts prior req.
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

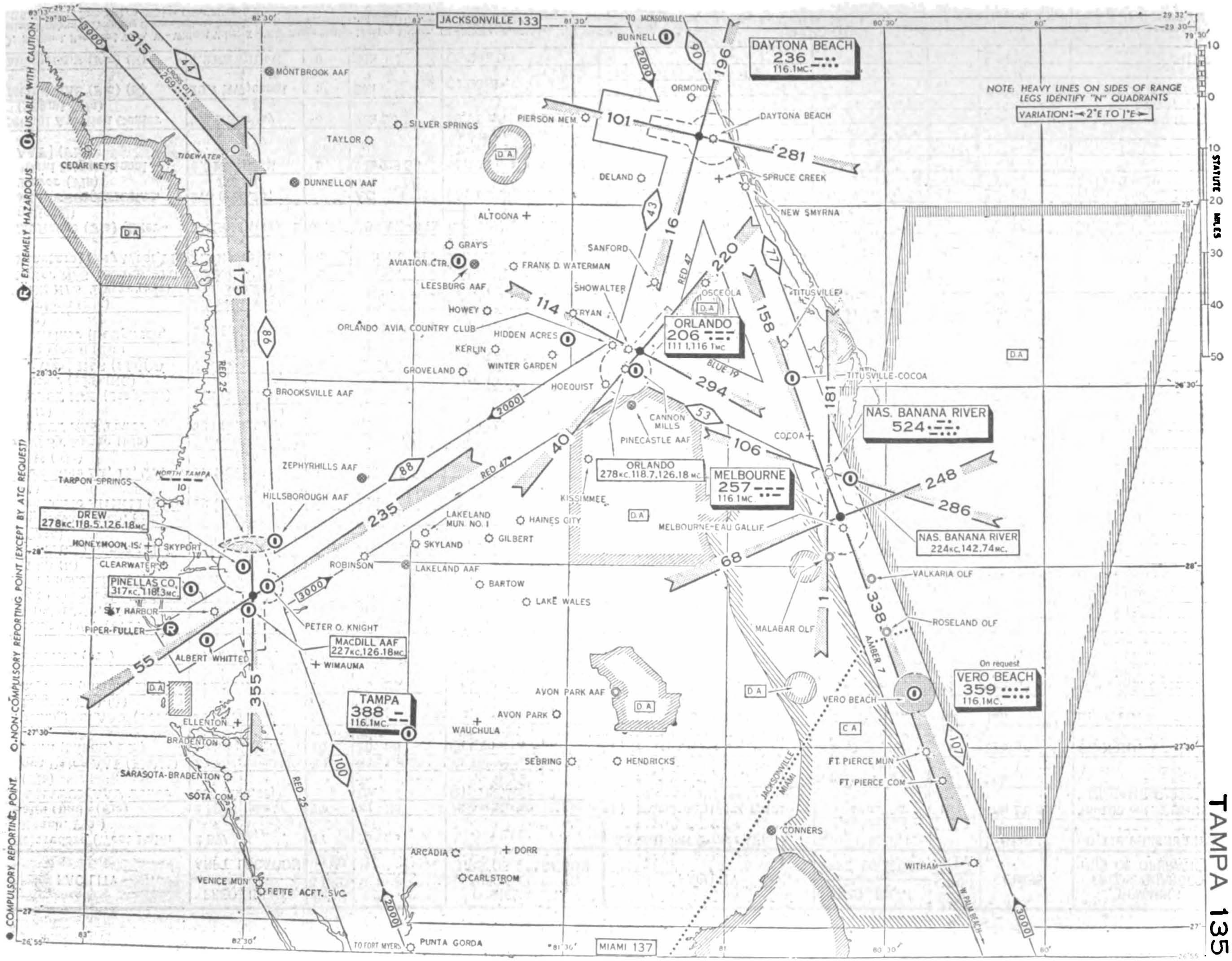
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- .....(1.09)	OM- --(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Leesburg Aviation Center (Fla)	1 N;hwy W,lake E	175	15h S1	80 oct.Trees W. Use rnwys only.Data unver.
Ormond (Fla)	7.8 NW	29	40h	
Sky Harbor (St.Petersburg,Fla)	6 NE;bay E	8	28 S6	80 oct.
→ Groveland(Fla)	1.8 SSE;lk NE	100	20 S3	80 oct.
→ Winter Garden(Fla)	1.5 NW;lk NW	75	25 S2	80 oct.
→ Tarpon Springs (Fla)	2 W;Gulf of Mex. W	12	19 S1	80 oct Trees N,E,S
→ Spruce Creek(Samsula,Fla)	3.5 N	24	40h	
→ Howey(Howey in the Hills,Fla)	0.5 S	75	20	
→ Aviation Ctr(Leesburg,Fla)	1.5 N;lk E	80	15h S6	80 oct

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ➡ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 133
TO JACKSONVILLE
MIAMI 137
TO FORT MYERS
DAYTONA BEACH 236 116.1MC
ORLANDO 206 111 1,116 1MC
TAMPA 388 116.1MC
DREW 278KC.118.5,126.18MC
PINELLAS CO. 317KC.118.3MC
MACDILL AAF 227KC,126.18MC
ORLANDO 278KC.118.7,126.18 MC
MELBOURNE 257 116.1MC
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC,142.74MC.
On request
VERO BEACH 359 116.1MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
TAMPA 135

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belvedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	27 S6	73 oct.No sto.Lgt acft
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	14	64h L5 S6	73,100 oct, CLOSED.
Brown (Miami, Fla)	10 SW;RR NW	10	20 S6	80,91 oct No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;rlv SW	25	54h	CLOSED
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct.P-line N,E,S, W.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
Fort Lauderdale	See West Prospect Arpt under "New Facilities" - name changed.			
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct.No sto.
Lake Worth (Fla)	2 W;hwy N	12	28 S1	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities"-name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	CLOSED.
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami,Fla)	6 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West,Fla)	2.3 E;ocean S	4	41h L5 S1	80,91 oct.ARPT ENTRY Lgts prior req.No bcn
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5.5 NW;RR S	9	74h L5 S6	91,100 oct. JP-1. FEE 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. No sto.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED HRS OF OPERATION
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E; W	8	50h	
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR SE	18	51h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req.after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA) (Fla)	15 SW Miami	13	20h	CLOSED. (N)
Riddle (Clewiston,Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	See Homestead Arpt under "New Facilities" name changed.			
Sunny South (Miami,Fla)	6 N;hwy N	12	40 S6	80,91 oct. No sto. Rnwy data unver.
Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct.No sto. P-line N,W.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

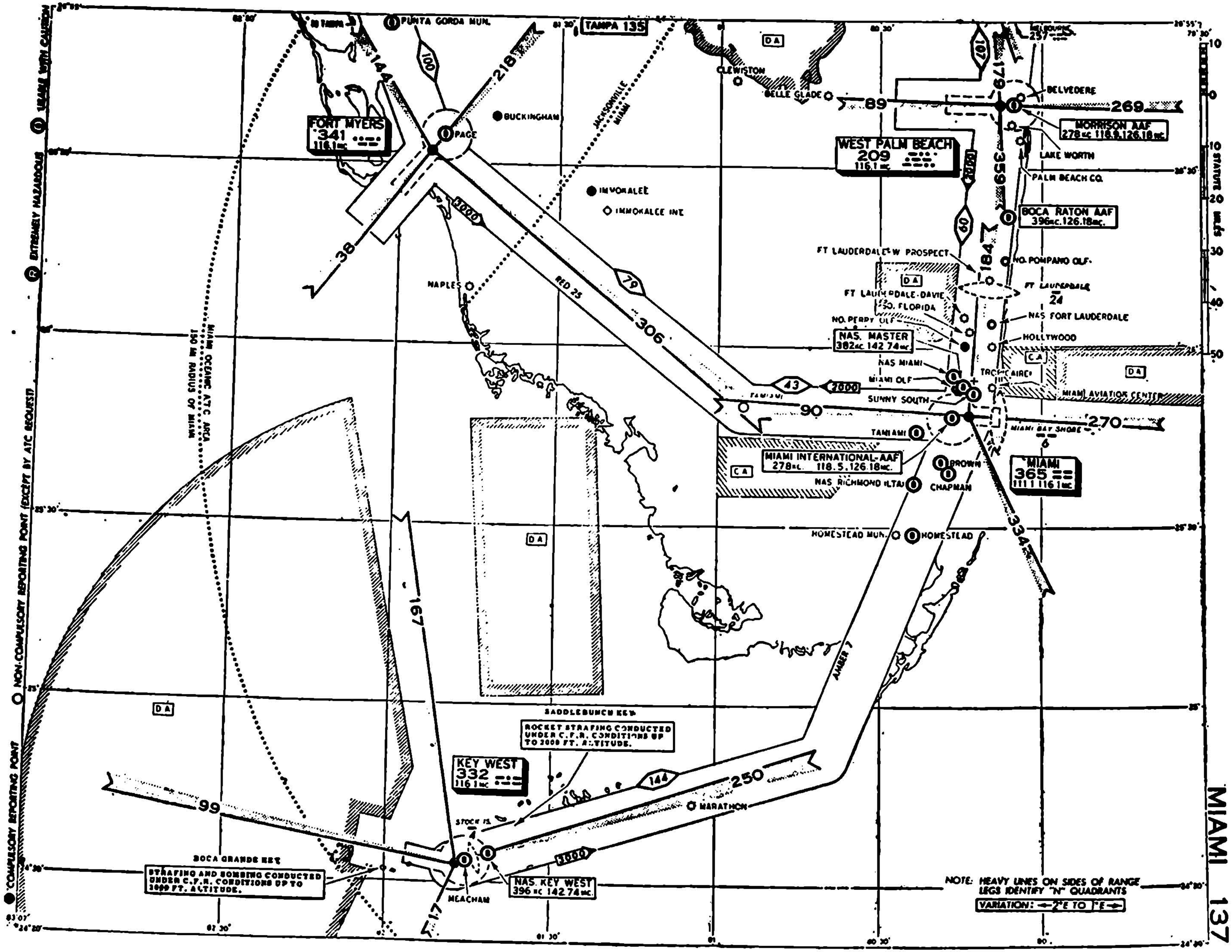
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT @ MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

Ft. Lauderdale-Davie (Fla.)	6.5 WSW;hwy N	7	30h	80,91 oct.	
West Prospect (Ft. Lauderdale,Fla)	6 NNW;RR SE	14	40h		
Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct.Landing fee.	
Hollywood Arpk Inc.(Fla.)	1 SW;RR E	12	23 S4	80,91 oct. Data unver.	
South Fla.(Ft.Lauderdale)	7.5 SW;hwy E	10	45 S6	80,91 oct.P-line E. (Fla)	
Tropicaire(Miami,Fla)	9 N	10	22 S4	80,91 oct.	
Belvedere Co.Club(W.Palm Beach,Fla)	2 WSW;Army fld S	17	25 S6	80 oct.Trees SE,NW Lgt acft only	

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 7117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 127.55, 140.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4725 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →← New or revised data. (Jones)-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


PUNTA GORDA MUN.
TAMPA 135
FORT MYERS
341
116.1mc
PAGE
BUCKINGHAM
IMMOKALEE
IMMOKALEE INT
NAPLES
RED 25
JACKSONVILLE
MIAMI
CLEWISTON
BELLE GLADE
WEST PALM BEACH
209
116.1mc
BELVEDERE
MORRISON AAF
278mc 116.9.126.18mc
LAKE WORTH
PALM BEACH CO.
BOCA RATON AAF
396mc.126.18mc.
FT LAUDERDALE-W PROSPECT
NO. POMPANO OLF.
FT LAUDERDALE-DAVIE
SO. FLORIDA
NO. PERRY OLF
NAS FORT LAUDERDALE
NAS. MASTER
382mc 142.74mc
HOLLYWOOD
NAS MIAMI
MIAMI OLF
TROPICAIRE
MIAMI AVIATION CENTER
SUNNY SOUTH
TAMIAMI
MIAMI BAY SHORE
MIAMI INTERNATIONAL-AAF
278mc. 118.5.126.18mc.
NAS RICHMOND NLTAJ
BROWN
CHAPMAN
MIAMI
365
111.1 116.1mc
HOMESTEAD MUN.
HOMESTEAD
MIAMI OCEANIC ATC AREA
150 M RADIUS OF MIAMI
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
DA
CA
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
KEY WEST
332
116.1mc
STOCK IS.
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
MEACHAM
NAS. KEY WEST
396 mc 142.74mc.
AMBER 7
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
STATUTE MILES
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	329.5(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°,7.3	(Cont.) Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.3,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.3)	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(116.1)	SBMRL-DTV;317°,0.1	(4); 116.1
ONTARIO AIRPORT	219(ONT)(126.18,116.1)	CI	(4);126.18,116,1,122.5 (3-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req.
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530, except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES,	109.9	333.8	247°	IM-	MM-	OM- (2.45)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 118.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
➔ Brackett (Pomona)	3 NW;hwys N,E	1010	25 S6	80 oct. Hill W
Cable-Claremont	1.8 ENE;RR E	1400	30h S4	80,91 oct.
➔ Cal Aero (Chino)	4.5 SE	625	47h L	Restricted to W,A.A.Bndry lgts prior
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N. req.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct.Rdo & instr rprs.Rnwy data
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct.No sto.P-lines NE. unver.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct.P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

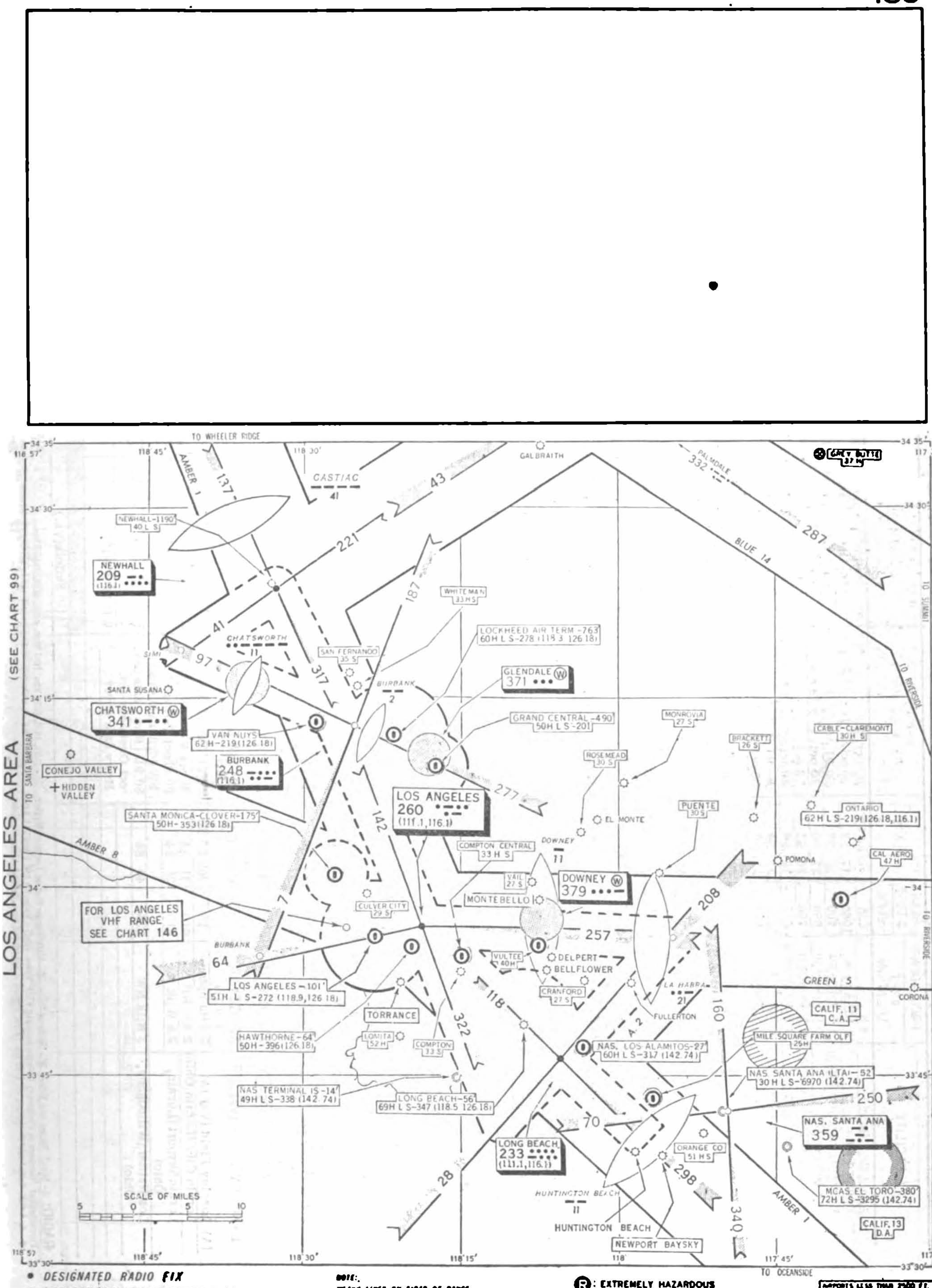
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➔ NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
➔ El Monte	1 NNE;rd E	300	20 S6	73,80,91 oct.Trees SW.Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	6 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct.Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM.(Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct.No sto.
(N) Los Alamitos NAS(Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) Los Angeles (N) ➔	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct. Rdo rqrd.. Rnwy data unver.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
➔ Monrovia (N)	0.5 SE;RR S	500	26 S6	80,91 oct. Tree N,S.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int,3A,LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb.(Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	48h L5 S6	80,91 oct.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
➔ Pomona	1.8 SSE;rd W	775	20 S6	80 oct. Trees E,hill W.
➔ Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. Poles NE,house SW.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto. Rnwy data unver
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
➔ Santa Susana	0.5 S;RR N	955	18 S1	80 oct.Hills ENE,P-lines WSW.
➔ Sky Ranch (Puente)	See Puente Sky Ranch under "New Airports" -name changed.			
(N) Terminal Isl.NAS(San Pedro)(N)	2 ENE	14	49h R1 L6 S4	80,100 oct
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct.Port rnwy lgts.Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW.RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct.Pole line NNW,NE,SW.

NEW AIRPORTS

➔ Puente Sky Ranch (Calif.)	1.3 E;RR S	402	30 S4	80 oct.Trees E,P-line W.



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "R" QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, PAVED (UNPAVED RUNWAYS ARE NO LIGHTS, CHART NO CLASS IN AIRPORT SIZE

DETROIT – CLEVELAND – NORFOLK

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
➔ Ann Arbor (Mich)	4 S	835	32 L3 S6	80 oct. Lgts prior req.
➔ Bedford (Ohio)	2 NE;hwy W	1060	17 S2	80 oct. P-line N,SE.
Berz (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver (Mich)	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N
Brooklyn (Cleveland,Ohio)	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct.SW blkd.P-lineN
Chagrin Falls (Ohio)	3 E;hwy SW	1220	23 S4	80 oct.P-line N.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW	620	22 S6	80 oct.P-line W.
Chardon (Ohio)	2.8 S	1230	22 S4	80 oct.P-lines sur fld.
CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV (3);116.1	Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278(126.18,118.3)		AC (ILS-W)	(4);118.3,126 18,122.5
(A) [Cleveland] (Ohio)	8.5 SW;riv W	789	60h L6 S6	73,80,91,100 oct.JP-1. FEE.ARPT OF ENTRY
Cumberland(Portsmouth)	8 S	15	28 S4	80 oct. (Va)
DETROIT H Fac. (Mich)	201 (D)	329°,2.2	MHW	(Cont.) Detroit
DETROIT CITY Tower	278 (118.5)		C	(4); 122.5
➔ [Detroit City] (Mich)	5.5 NE;RR S	625	53h L4 S6	80,91 oct.Fee Rdo rec rqrd.ARPT OF ENTRY P-line N. Tank W
DETROIT NAS Tower(Mich)	269 (142.74)		CN	(3);142.74 (8-17)
(N) Detroit NAS (Mich)(N)	17 SSW	594	47h L5 S6	91,100 oct.P-line E.
ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	(Cont.) Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct.Poles SSE,S.
Euclid Ave.(Willoughby Ohio)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
(N) Fentress NAAS (Va)(N)	2.5 ESE;hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
(P) Franklin (Va)	3 NE;RR S	38	41h L5 S6	80,91 oct.Trees sur fld.
Garner's (Windsor,Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
➔ Glen Rock (Norfolk,Va)	4.5 E;hwy W	18	24 S6	80,91 oct.Trees SW.
Gridley (Ypsilanti,Mich)	4.4 WSW;hwy E	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte,Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct.P-line E;trees ENE,W,WSW,WNW.
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld.
LANGLEY Army Range (Va)	221(DLY)(116.1)	102°,3.8	SBMRAPZ-DTV	(3); 116.1
LANGLEY Tower (Va)	278 (126.18, 116.1)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
Lorain City (Lorain,Ohio)	2.8 W;RR N	610	31 S4	80 oct.P-line NE,SE.
Lorain Skyport (Lorain, Ohio)	2.5 W;lk N	610	29 S4	80,91 oct.P-line S,SE. SW corner unusable.
Lost Nation (Willoughby, Ohio)	3 N;lk NW	626	40 S6	80,91 Rnwy data unv. oct.Obsts sur fld. Rnwy data unver.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
➔ McEnnan (Ypsilanti,Mich)	2.7 SSW;riv NE	738	23 S4	80 oct. P-line E,Trees NW.
McKinley (Fraser,Mich)	1.3 NW;RR E	620	27	P-line E, NE.
Mettetal (Plymouth,Mich)	1.5 SSE;RR E	700	25	80 oct. P-line N,NE,SW,W
Mid City (Hudson,Ohio)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW
Milan (Mich)	3.8 SW;RR SE	705	23 S2	80 oct. P-line N.
➔ Monogram	2.8 W;riv W	21	45	CLOSED(Drivers,Va)
Nan-Bar (Flat Rock,Mich)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Fly.Svc.(Detroit,Mich)	11.5 WSW;RR N	635	29 S4	80 oct.Poles NE,NW.
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5,126.18, 118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N;rd N	13	26h	CLSD.Use E.Fld.(N)
NORFOLK NAS Tower (East)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105,4495;142.74 (745-1830)
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct.No bcn
Ortner (Wakeman,Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver.
Peninsula (Hampton,Va)	2 WSW;RR N	12	26 S4	80 oct.
Pungo (Va)	0.8 NE	15	25h	
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116 1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct.SE,SW blkd.
Sky Haven (Northfld,Ohio)	2.5 SSE;RR NE	1040	25 S4	73,80 oct.Pwr line W,S
Solon (Ohio)	1.1 SSE;RR NE	1034	24 S6	73,80 oct.P-line W,SE
South Norfolk (Norfolk,Va)	6 SSE		36 S4	Fuel. Data unver.
Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct.P-lines S,W blkd
Triangle (Plymouth,Mich)	1.5 ESE lk N	700	26 S4	80 oct. P-line N,E,S. W blkd..
* Vermilion Int,28,CG-LG	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.(Ohio)
Virginia Beach (Va)	6 W;RR N	15	43 S2	80,91 oct.P-line N. Hwy N
Ward (Bedford, Ohio)	1.5 S;RR E	980	20 S6	80 oct.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush
➔ Warren (Mich)	1.6 WNW;RR E	625	23 S6	73,80 oct. sur fld
Washtenaw (Dexter, Mich)	3 SSE;hwy S	867	26 S4	80 oct. P-lines,trees all approaches
(NG) Wayne Co(Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech.maint. NG.ARPT OF ENTRY
Willoughby (Ohio)	1.2 E;RR NW	700	25 S6	80,91 oct. P-line W,S
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P) Willow Run (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	PCA stop only.RR N.(Mich)
➔ WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM-	OM- — — (4.75)
				MMK-	OMK-
WILLOW RUN			50°	MM-	OM-
				MMK- 341 — (0.65)	OMK- 359 • — — (5.80)
NEW FACILITIES					
(P) Suffolk(Va.)			3.8 SSW;RR E	60	50h

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1. 127.65, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➔ New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 141

DETROIT AREA

(SEE CHART 331)

CLEVELAND AREA

(SEE CHART 491)

NORFOLK AREA

(SEE CHART 971)

SCALE OF MILES 5 0 5 10

HIGHLAND GREEN 2 3000 54 LANSING 206 RED 21 3000 EVEN 325 81 TO BURR OAK

WASHTENAW 20 ANN ARBOR McENNAN 12 15 GRIDLEY

ROMULUS 230 116.1 MC

WILLOW RUN 332 KC. 118.7 MC.

TOLEDO 239

RED 12 3000 74 TECUMSEH CA MILAN 13

WIXOM 20 KRIST-PORT 31 164 3000 EVEN METTETAL NATIONAL FLY SVC BURNS TRIANGLE HARTSELL 15 FORD STINSON

WAYNE CO. ECORSE SELFRIDGE AAF 388 10 266 242 322 RED 20 TO CLEVELAND

TO OXFORD BERZ BIG BEAVER WARREN McKINLEY JOY ROSEVILLE 42 30' 149 29 43 3000 DETROIT CITY 278 KC. 118.5 MC RED 1 2000 TO MITCHELL BAY

DETROIT (W) 338

HANCE 23 WINDSOR 353 82 2000 NAS. DETROIT 269 KC. 142.74 MC. 55 83 82.45'

FLAT ROCK NAN-BAR 64 327 R21 17 NEWPORT OLF TO SANDUSKY

DUNDEE 83 30'

TO WINDSOR 82 81 45' 81 30' 81 15' TO PERRY 41 44'

LOST NATION 40 S EVEN WILLOUGHBY CHAGRIN HARBOR EUCLID AVE. 26 S BLUE 11 50 MATHER CHARDON 69 BLUE 15 TO PAINESVILLE

RED 20 ODD 82 2000 145 AVON LAKE 8 LORAIN 31 S LORAIN SKYPORT GREEN 3 40 2000 41 30' VERMILION 26 ELYRIA 11 100 ELYRIA (W) 219 ODD VERMILION 24 L ORTNER RED 21 AMBER 6 ELYRIA 27 S 41 15' TO SANDUSKY

BROOKLYN 26 S BRECKSVILLE 13 3000 BEDFORD AMBER 6 CHAGRIN FALLS

CLEVELAND 344 (116.1) CLEVELAND-785' 60H L S-278 (118.3, 126.18) 278 KC LOW POWERED RANGE ON REQUEST NORTH ROYALTON 11 325 70 WELLINGTON TO COLUMBUS

PARKMAN 280 SOLON WARD 39 MID CITY 31 S SKY HAVEN 25 S 33 29 ARMON 362 TO YOUNGSTOWN

TO AKRON 81 30' 41 11' 82 30' 82 35'

SCALE OF MILES 5 0 5 10

LANGLEY AAF 221 (116.1) LANGLEY AAF-10' 70H L S-278 (126.18+) 172 181 DA

RICHMOND 260 2000 GREEN 6 74 ODD 314 134 102 BACONS CASTLE PENINSULA 26 S NAS. NORFOLK 26 H BUCKROE BEACH 282 CAPE CHARLES 224 NAS. NORFOLK 356 WAVERLY GARNER 25 S HAMPTON ROADS WHITEHURST 276 96 ECLIPSE 16 NAAS. MONOGRAM 45 352 NORFOLK 239 (116.1) NORFOLK-22' 50 H LS 269 (118.3, 126.18) NORVIEW THALIA ROOSEVELT PORTSMOUTH FRANKLIN 30H PEANUT CITY NAS. NORFOLK (EAST)-15' 43H L S-323 (142.74) (SEAPLANE)-2870 SUFFOLK 50H DEEP CREEK 10 CUMBERLAND 44 314 VIRGINIA BEACH SO. NORFOLK 36 S PUNGO 25 H NAAS. OCEANA-20' 60H L S-3295 (142.74) NAAS. FENTRESS-16' 25 H

37 15' 77 15' 37' 36 45' 36 40' 77' 76 45' 76 30' 76 75 45' 75 40'

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "Q" QUADRANTS.

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

SEATTLE – PORTLAND – INDIANAPOLIS

FACILITY	FREQ., IDENT ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct.Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct.Trees N P-line E,W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S3	80 oct P-line E (Wash)
Beck (Jolietville,Ind)	2.2 SSE;hwy2W	830	18 S3	80 oct P-line WNW
Boeing-Renton (Renton,Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4); 118.3, 126.18, 140.1, 122.5
(P) [Boeing](Seattle, Wash)	6 S,riv SW	15	75h L5 S6	80-100 oct.No sto.ARPT OF ENTRY.
Brightwood (Indianapolis,Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
→ City View Arpk (Tacoma,Wash)	4.5 NE	380	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Muncie, Ind)	3 WSW;hwy N		27	Pwrline E. Data unver.
→ Dwyer Landing Fld.(Portland, Ore)	7 SE;RR NW	200	16	Poles SW.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway,Wash)	1.8 E;RR E	340	30 S6	80 oct.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
→ Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18	SE blkd.
Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct.P-line SE,S.Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Himes (Whitesville,Ind)	0.8 E;RR SW	870	17 S1	80 oct.P-line NNE,NW
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE.
Howell Brothers (Rushville,Ind)	2 SE;hwy SW	985	13 S4	91 oct Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct Obsts sur fld
INDIANAPOLIS Range (Ind)	266(ID)(116.1)	82°, 3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton,Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct.Lgts on req.No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct.Trees ENE,WSW
→ Lapel (Ind)	1 NE	865	26 S4	80 oct.Obst sur fld.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E,SE blkd.
Martinsville (Ind)	2 W		10	Data unver.
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ◆ :45,05	(3); 116.1, 126.18
(A) McChord (Tacoma,Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct JP-1.FOREIGN CLEARING STN.
Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct. P-line E,SSE,NNW
Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" - name changed			
Milroy Int,S,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,S	20	19 L S6	(Wash) Lgts prior req.
Owen Pathfinder(Camby,Ind)	2.3 S	792	32 S1	80 oct.P-line SSE,SW.Use
PORTLAND Range (Ore)	332(PD)(vhf)	171°,3.1	SBRAZ-DTV	(3); 116.1, 122.1 strips
PORTLAND Tower (Ore)	278(126.18,118.3)+		AC (ILS)	(4);142.74,122.5,118.3,126.18
(NG,N) [Portland] (Ore)	5 NNE;riv N	19	55h L6 S6	P-line W,lgtd. NATS.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	45 S6	80,91 oct.Rnwy data unver.
→ R.C. Sugg (Orchards, Wash)	See Evergreen Fld (Orchards) under "New Facilities" - name changed.			
→ Reese Fly. Serv. (Selma,Ind.)	3.5 SW;riv W	975	20 S2	80 oct. P-line E,NE.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	req.No flood,no bcn.
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1 Lgts prior
→ Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 L5 S6	80,91 oct.Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle,Wash)	10.5 S; RR E	405	61h	Trees and hills sur fld.
Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct.
Sheridan (Ind))	2.5 N	700	23 S6	80,91 oct.P-line W.Data un-
(P) Sky Harbor (Indianapolis,Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct.P-line E,S,SE ver
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co.(Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct.P-line S.(Wash)
→ Sportsman Arpk (Newberg,Ore)	1 E;riv SW;hwy W	173	23 S4	80 oct.Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis,Ind)(A)	5.5 WSW	714	45h L5 S4	100 oct,2nd ech maint only
Suco Arpk (Shelbyville,Ind)	0.7 SE;RR NE	800	23 S2	80 oct.P-line E.Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma,Wash)	2.9 WSW;RR E	250	20 S4	80 oct.Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. Use strips only
White Cloud (Greenwood,Ind)	1.8 SW;hwy E	800	24 S6	80 oct.P-line N,NE,E,SE,NW
Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct.P-line N,E,W

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9	333.8	44°	IM-	MM- (0.89)	OM- (4.3)
					MMK- 201	OMK-219
McCHORD (A)	109.9	333.8	337°	IM- (0.24)	MM- (0.85)	OM- (4.44)
					MMK-	OMK-
PORTLAND	109.9	333.8	113°	IM-	MM- (0.52)	OM- (4.81)
					MMK-	OMK-219
SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- (0.65)	OM- (4.6)
					MMK- 371	OMH-359

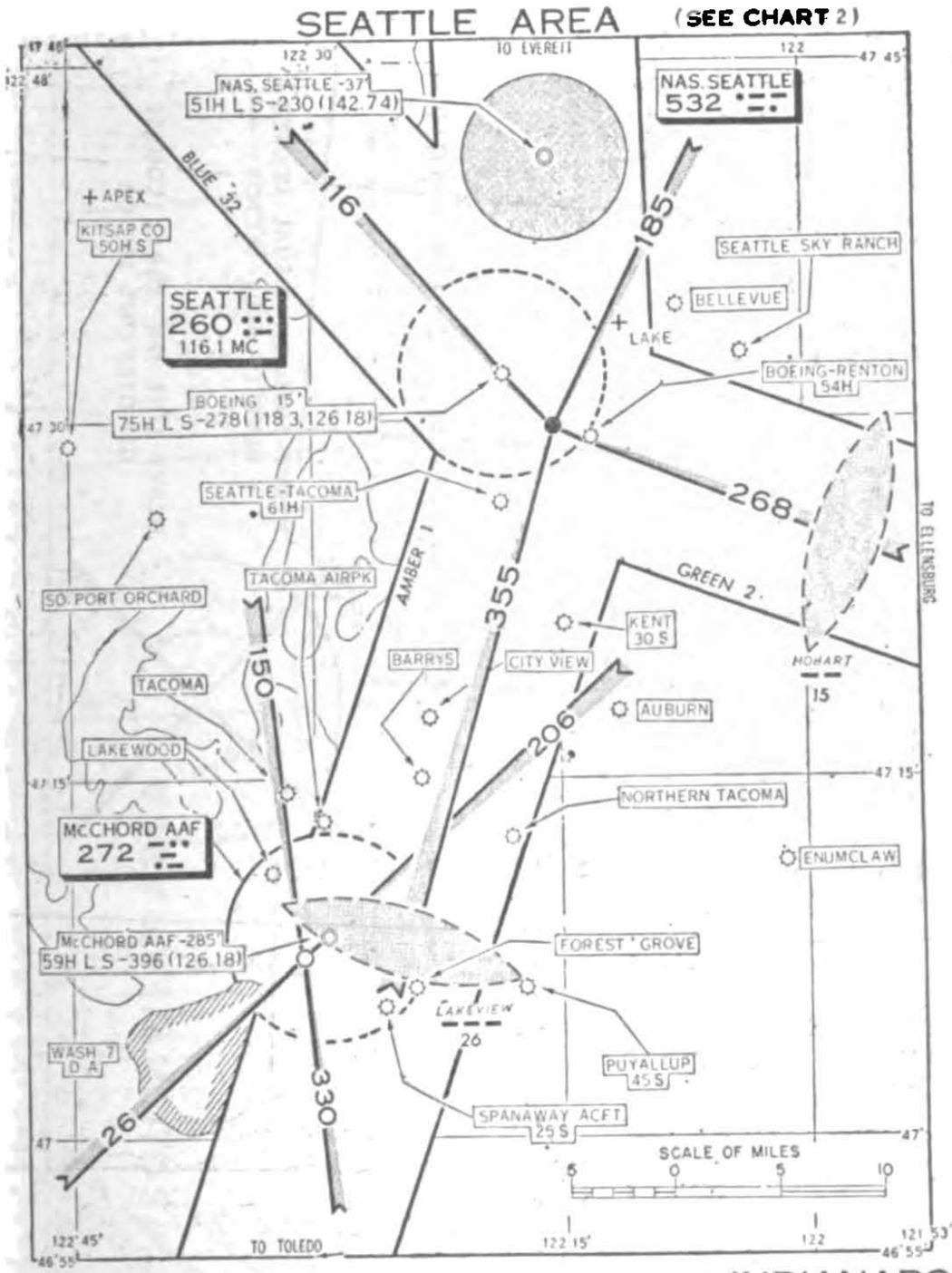
SEATTLE AUXILIARIES

→ Bernard (Beaverton,Ore)	1.4 NNW;RR S	208	19 S6	80, 91 oct.	
→ Columbia Co.(Scappoose,Ore)	1.2 NE;RR W	55	40h L S6	80,91 oct.Port rnwy lgts.P-	
→ Hillsboro (Ore)	2.4 ENE;RR E	200	41h L5 S6	80,91 oct.	line NNW
Bellevue (Seattle,Wash)	9.5 E	345	22h S6	80,91 oct.Rdo prs Rnwy data unver.	
Stewart (Danville,Ind.)	2 E;hwy N	750	25 S2	80 oct.Wires N,S.Use strips.	
→ Skylife (Fairview,Ore.)	4 W;RR N	243	28 S1	80 oct.Pwrline ESE.	
→ Division Street (Ore.)	2.4 WNW;RR E	250	28 S6	80,91 oct,S bldg,Trees N.	
→ Auburn (Wash.)	1.8 ESE;lk NE	276	24 S6	80,91 oct.	
→ Evergreen Fld (Orchards, (Wash.)	3.6 SSE;hwy S	510	24 L S6	80 oct.Port lgts prior req.	

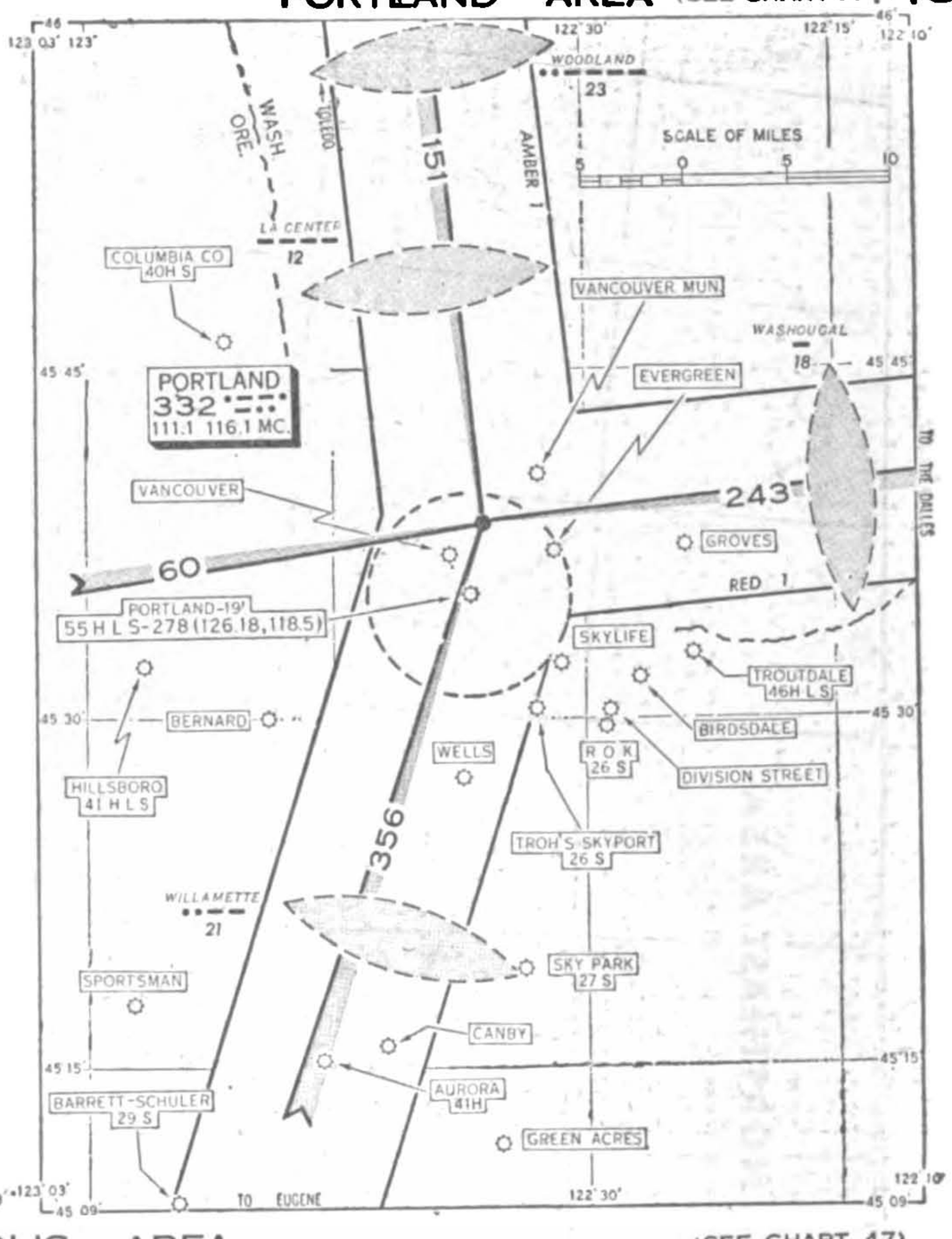
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

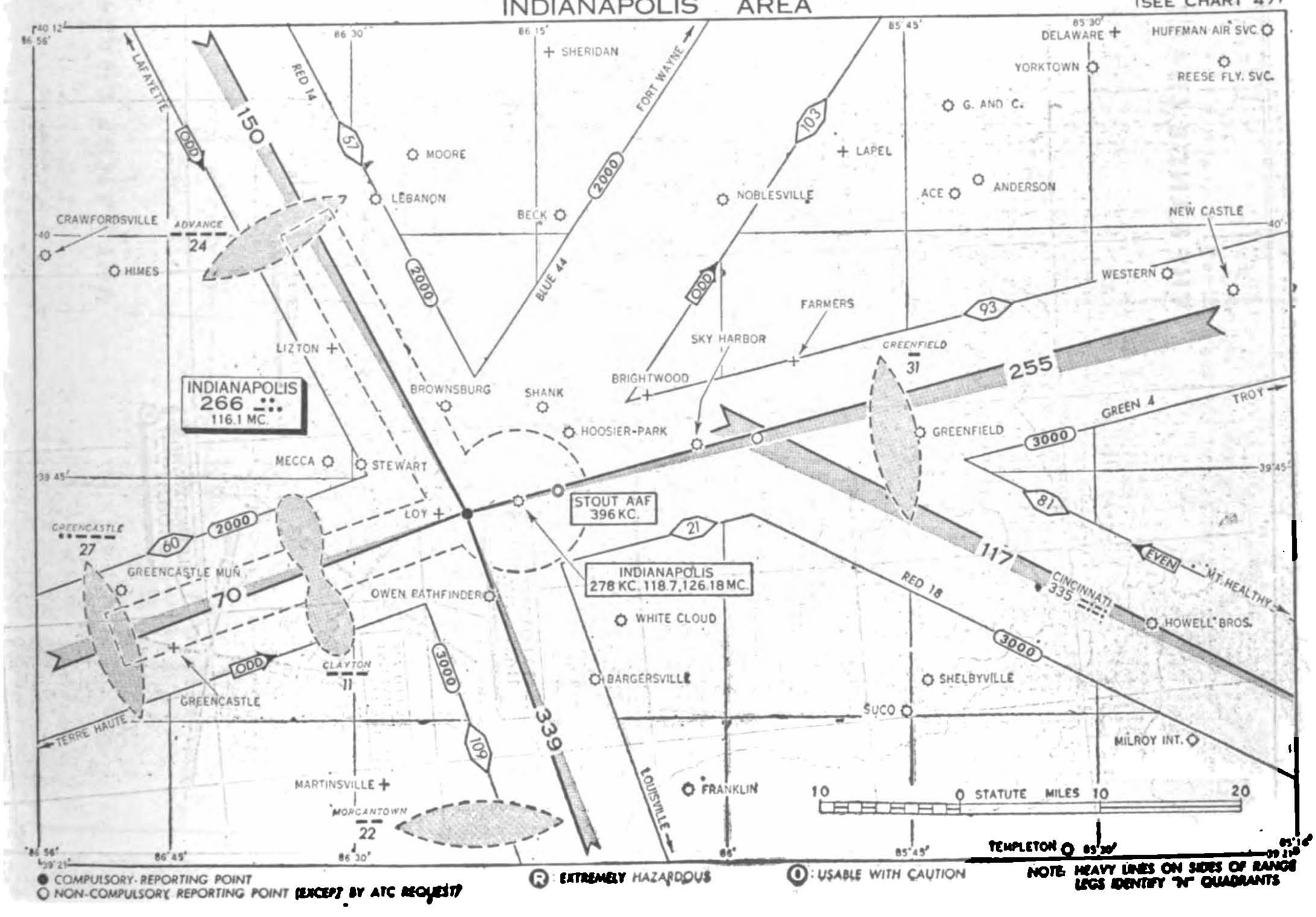
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



INDIANAPOLIS AREA (SEE CHART 47)



● COMPULSORY-REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS

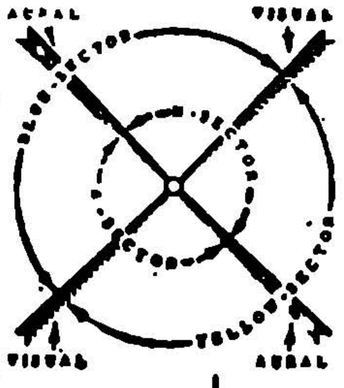
Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "IN" QUADRANTS

VHF RANGE CHART - NORTHEAST AREA

MASSENA (VHF) W V-108.7 R
165
255
225
135
315
45
WATERTOWN (VHF) W W-109.1 R
PHILIPSBURG (VHF) W V-108.7
MILLBROOK (VHF) W W-109.1
191
195
197
197
ALLENTOWN (VHF) W W-109.1
149
239
PROVIDENCE (VHF) W V-108.7 O
329
101
281
105
285
107
287
107
287
224
134
MATAWAN (VHF) W V-108.7
314
CLINTON CO. AAF (VHF) W 114.3
133
223
111
15
17
17
44
43
313
140
230
80
320
CLINTON CO. AAF 272 KC. 118.1, 126.18, 140.58 MC.
SUNBURY (VHF) W U-108.3
WHEELING (VHF) W U-108.3 O
165
256
275
345
LEXINGTON (VHF) W U-108.3 O

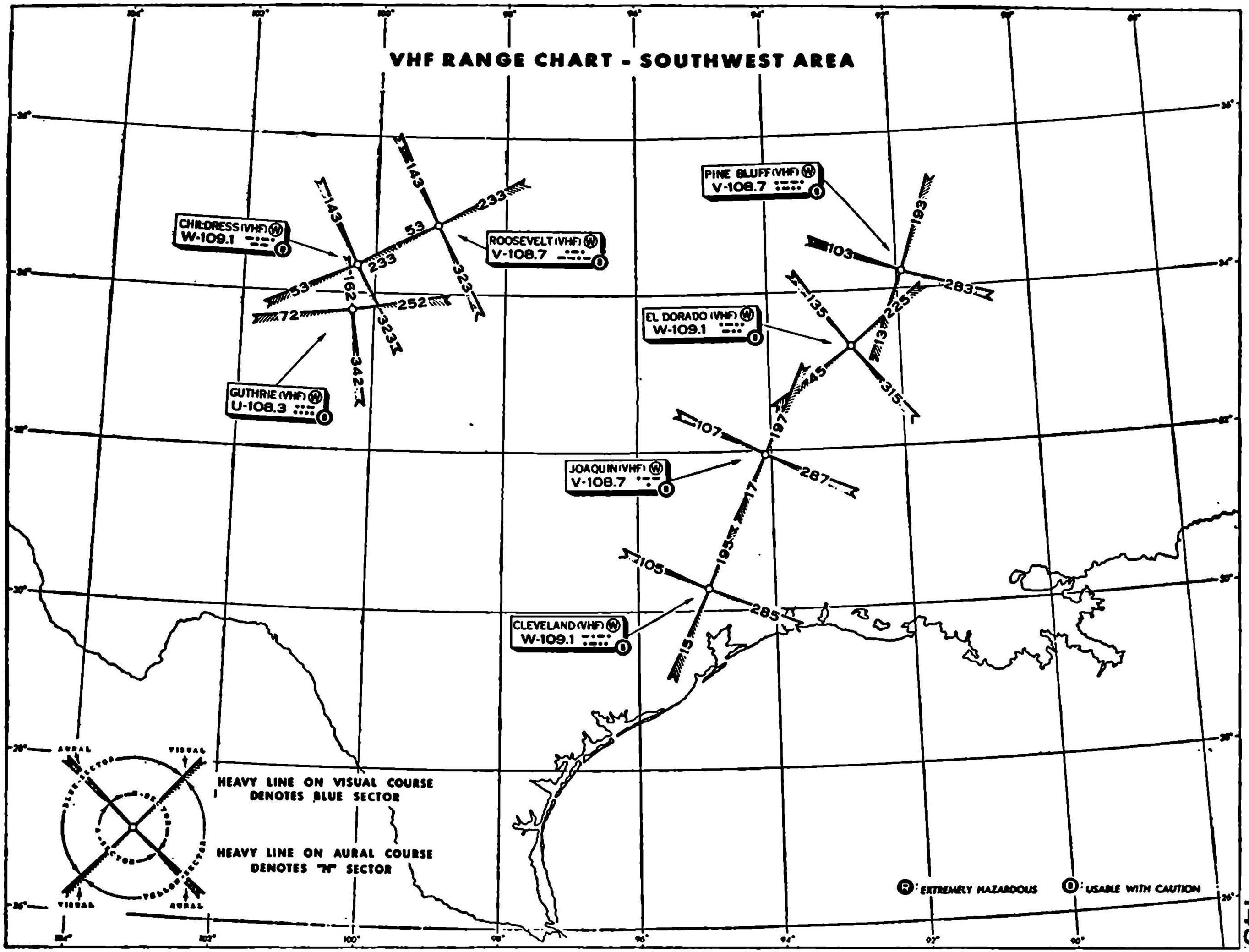
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION



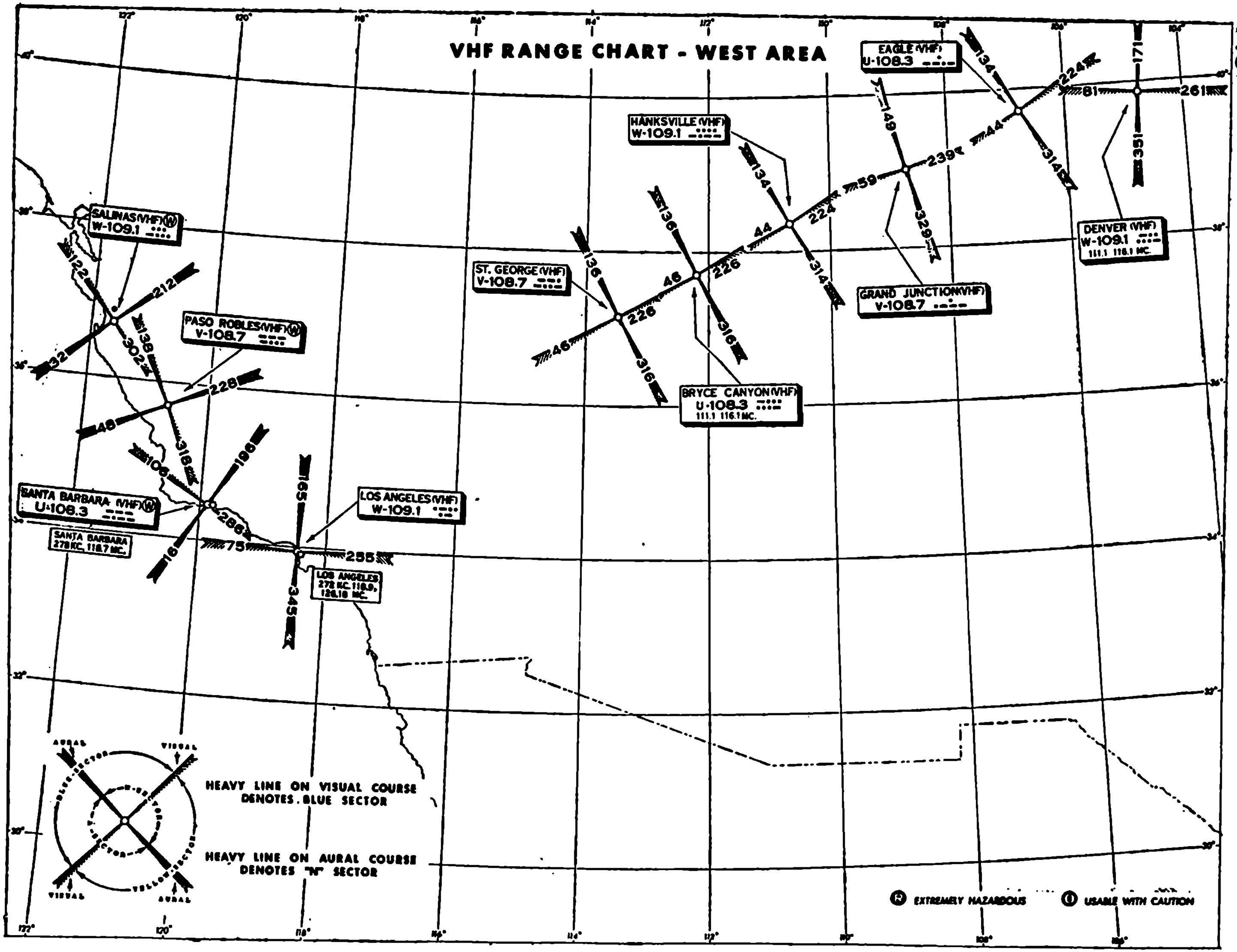
HEAVY LINE ON VISUAL COURSE DENOTES BLUE SECTOR

HEAVY LINE ON AURAL COURSE DENOTES "N" SECTOR

VHF RANGE CHART - SOUTHWEST AREA



VHF RANGE CHART - WEST AREA



AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - MONTREAL	195
ALBANY - NEW YORK	146
ALBUQUERQUE - AMARILLO	278
ALBUQUERQUE - DENVER	408
ALBUQUERQUE - WINSLOW	234
AMARILLO - OKLAHOMA CITY	232
AMARILLO - WICHITA	300
ATLANTA - MOBILE	299
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BILLINGS - HELENA	195
BIRMINGHAM - ATLANTA	141
BIRMINGHAM - MEMPHIS	268
BISMARCK - BILLINGS	384
BOSTON - BANGOR	210
BOSTON - BUFFALO	403
BOSTON - BURLINGTON	192
BOSTON - MONTREAL	265
BOSTON - PORTLAND	95
BROWNSVILLE - SAN ANTONIO	273
BUFFALO - CHICAGO	506
BUFFALO - DETROIT	249
CHARLESTON - CINCINNATI	152
CHARLESTON - RICHMOND	362
CHARLESTON - ST. LOUIS	475
CHARLESTON - WASHINGTON	461
CHICAGO - CINCINNATI	279
CHICAGO - DES MOINES	318
CHICAGO - MINNEAPOLIS	370
CHICAGO - ST. LOUIS	257
CLEVELAND - CHICAGO	320
CLEVELAND - DETROIT	107
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
DENVER - SALT LAKE	469
DENVER - SHERIDAN	400
DES MOINES - DENVER	604
DETROIT - CHICAGO	257
EL PASO - ALBUQUERQUE	251
EL PASO - PHOENIX	383
EL PASO - SAN DIEGO	666
FARGO - BISMARCK	187
FORT WORTH - EL PASO	535
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	310
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	299
GREENSBORO - ATLANTA	307
HELENA - SPOKANE	269
HOUSTON - ALICE	222
HOUSTON - CORPUS CHRISTI	184
HOUSTON - DALLAS	267
HOUSTON - FORT WORTH	274
HOUSTON - SAN ANTONIO	238
INDIANAPOLIS - ST. LOUIS	222
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
JACKSONVILLE - NEW ORLEANS	529
KANSAS CITY - CHICAGO	413
KANSAS CITY - DENVER	568
KANSAS CITY - HURON	416
KANSAS CITY - MINNEAPOLIS	471
KANSAS CITY - ST. LOUIS	205
KEY WEST - MIAMI	157
KNOXVILLE - NASHVILLE	154
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SALT LAKE	647
LOS ANGELES - SAN FRANCISCO	362
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MEMPHIS - ST. LOUIS	261
MEMPHIS - TULSA	362
MIAMI - JACKSONVILLE	334
MIAMI - TAMPA	222
MINNEAPOLIS - FARGO	228
NASHVILLE - MEMPHIS	205
NEW ORLEANS - HOUSTON	313
NEW YORK - BUFFALO	291
NEW YORK - BOSTON	193
NEW YORK - CLEVELAND	433
NEW YORK - PITTSBURGH	335
NEW YORK - ROCHESTER	277
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	228
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHILADELPHIA - PITTSBURGH	258
PHOENIX - LOS ANGELES	369
PITTSBURGH - CLEVELAND	124
PITTSBURGH - INDIANAPOLIS	353
PITTSBURGH - NEW YORK	361
PORTLAND - BANGOR	115
PORTLAND - PENDLETON	185
PORTLAND - THE DALLES	73
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ROANOKE - KNOXVILLE	244
SACRAMENTO - SAN FRANCISCO	76
ST. LOUIS - CHICAGO	257
ST. LOUIS - KANSAS CITY	205
ST. LOUIS - MEMPHIS	261
SALT LAKE - BUTTE	379
SALT LAKE - GREAT FALLS	488
SALT LAKE - SACRAMENTO	549
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN ANTONIO - DALLAS	251
SAN ANTONIO - FORT WORTH	258
SAN DIEGO - LOS ANGELES	106
SAN FRANCISCO - PORTLAND	574
SAN FRANCISCO - SALT LAKE	625
SAN FRANCISCO - SEATTLE	705
SEATTLE - SPOKANE	245
SHERIDAN - GREAT FALLS	307
SPOKANE - PENDLETON	161
SPOKANE - SEATTLE	245
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
TULSA - ALBUQUERQUE	629
WASHINGTON - CHARLESTON	267
WASHINGTON - GREENSBORO	271
WASHINGTON - NEW YORK	226
WASHINGTON - PITTSBURGH	190
WASHINGTON - ROANOKE	196
WICHITA - KANSAS CITY	176
WINSLOW - LOS ANGELES	502

N.B. The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the individual Guide Charts.

It is hoped that the mileages tabulated above facilitate flight planning because the addition of small sector mileages is no longer necessary.

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/gnd communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25,D.C. for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

✓ CIVIL DATA: The Airman's Guide covers primarily two broad fields of civil airport information, namely so-called permanent data changes and temporary hazardous conditions. Permanent airport data refer to new airports or changes in field layout, servicing, lighting, or permanent obstructions of existing airports. Temporary hazardous conditions refer to conditions that make such airports temporarily unusable or usable only with caution. Such hazardous conditions could be, for example, a field closed because of floods, spring thaws, or construction; or merely a burned-out obstruction light or a runway partially unusable because of construction. Obviously, temporary hazardous conditions should be reported to the aeronautical public at once. The necessity for reporting additional aids or minor changes in existing aids, however, isn't nearly as cogent In other words, a temporarily closed airport is ordinarily of much more importance from a safety angle than is a new airport, and the aeronautical public should be told about it as expeditiously as possible.

Notamizing of advice covering a field unusable because of flood, or snow, a runway closed because of construction, or the erection of a pole-line in an approach, doesn't necessitate an engineering background on the part of the reporter. Too, safety frequently necessitates the notamizing of such advice before an official check can be made. On the other hand, advice covering permanent airport data changes, such as a new airport, or a lengthened landing strip, or an additional hangar, obviously doesn't require the same expeditious transmission to the aeronautical public, and the data may be checked from an engineering standpoint and for standardization before being publicized.

SUMMATION: (a) Since the aeronautical public should be immediately advised of hazardous conditions, reporters should utilize the CAA Airways Communications Stations The item to be reported, therefore, should either be telephoned or mailed to the nearest communications station for dissemination as a notam and for further transmission to the publishers of the Airman's Guide.

(b) Permanent airport data changes (as differentiated from temporary hazardous conditions) should be reported to the appropriate CAA District Airport Engineer for coordination before they are included in the Airman's Guide.

✓ USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 85-2: The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, NG, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

2. "OFFICIAL BUSINESS" within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the puspose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

3. POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS"

(b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS.". Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y., Morrison Field, Fla.,

Washington National Airport, D.C., or Westover Field, Mass., CANADA - Great Falls AAF, Mont., McChord Field, Wash., Washington National Airport, D.C., Selfridge Field, Mich., or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif., Kelly Field, Tex., or Morrison Field, Florida. CARIBBEAN - Morrison Field, Fla., or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., or Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

✓ PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases: No change. References: AAF Regulations 15-25 and 60-22. (2) Departure from non-AAF Bases: AAF aircraft departing from a non-AAF base will file a complete flight plan with, and when necessary, secure approval from, the nearest Flight Service center prior to take-off, or as outlined in AAF Regulation 60-22. Communications with a Flight Service center may be established by direct telephone or by a radio call to the nearest AAF base or AACS airways radio station. After contacting the Flight Service center, and obtaining flight plan approval when necessary, pilots contemplating flight under IFR will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA communications facilities are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute: AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change of route, altitude, point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must furnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA Airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service. One position report each 30 minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories. (7) Voice Calls: AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) RON Messages: At bases not connected with Flight Service centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service center at the time the arrival report is filed. (9) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An Index of AACS airways stations within the U. S., together with a listing of the assigned frequencies, may be found on pages 94 and 95 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	137.88 mcs.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

* Available for service indicated on a secondary basis.

(10) It will be some time before all AAF aircraft are equipped for operation on AACS airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS airways frequencies will contact airways station whenever possible rather than AAF control towers. (11) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691 Osborn 88692
Ft. Worth; San Antonio; part of El Paso	Ft. Worth Flight Service Center** Fort Worth, Tex.	Fort Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles; Albuquerque; part of El Paso	March Flight Service Center** Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD-20 Tacoma LD-21

**REVISION OF ARMY FLIGHT SERVICE CENTER AREAS: The boundary between the March and Fort Worth Flight Service Areas has been moved. That part of the El Paso CAA area lying E of the following points now falls within the Fort Worth Flight Service Area; that part lying W within the March Flight Service Area: From 25 miles SE of the Clarendon Range, thence SSW to lat. 33°, long. 101°35', thence W to 33°-104°, thence S to 31°-104°, thence W to the U.S.-Mexican Border at 31°-105°34'

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of April 24, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(A) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Fld. Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR (a) When the visibility is not less than 1 mile and the ceiling is unlimited. (b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(B) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields other than Mitchel will be cleared subject to the conditions listed above for CFR and IFR clearances.

AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, NG, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, NG, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequencies
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequencies
1	116.1
2	142.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS, AND SEARCH AND RESCUE PROCEDURE: 1. When an aircraft is in distress and the pilot is unable to establish two-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is --, Over." Pilot may follow this emergency transmission with any other information he deems necessary. Although Channel "D" (140.58 mcs) has been designated as the joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. 2. To request escort by Air Rescue Service rescue plane when two-way communication can be established, aircraft in distress will: (a) Contact Flight Service through nearest AACS airways station. (b) Give position report; if position is not known, request QTF (Fix). (c) Give nature of trouble, also estimated time plane can remain aloft. (d) Follow instructions transmitted by Flight Service. (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. 3. To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station. (b) Give position of crash. (c) Evidence of survivors, type and number of aircraft (if possible). (d) Follow instructions transmitted by Flight Service. (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airports designated by a single (A) in the "Airman's Guide" (joint use with civil interests), Army servicing is available unless remarks column carries "ARMY TEMP INACT-CIVIL FACS." Notation is given in remarks column to servicing available for military aircraft: for example, "91, 100 oct. Army". This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard Fields (on Form 15). Notation with regard to available facilities will be shown in the remarks column; for example, "91,100 oct. NG". At (P) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize. (See pages 144, 145, 146 for VHF range coverage).

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 mcs. and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for

transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.6 mcs. but the communications station program is not fully effective yet because of non-receipt of the new receivers. CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs. in addition to towers' low frequencies. See individual data pages in the Airman's Guide for inclusion of these frequencies as commissioned.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

NON-COMPULSORY REPORTING POINTS: (1) The intersection of the W course of the Los Angeles (LF) Range Station and the SW course of the Burbank Range Station has been designated a non-compulsory reporting point known as "Burbank" (2) The intersection of the N course of Pocatello Range Station and the NW course of the Idaho Falls Range Station has been designated a non-compulsory reporting point known as "Roberts"

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-1", dated April 24, 1947, page 98, by showing an X-band Radar beacon in operation at Jacksonville, Fla.: Location: 30°15'35" N, 81°40'05" W; Code: 3-1; Operating Agency: USCG; Operating hours: Continuous.

WEATHER REPORTING SERVICE

Weather Reporting Location	Type of Report	Lat., Long.	Elev.	Effective Date
Glens Falls, N.Y.(Warren Co.)	Hourly	43-21, 73-37		Reestablished
Sunbury, Pa.	Hourly	40-54, 76-47	458	Reestablished
St. Cloud, Minn.	Raob & Pibal	45-35, 94-11	1043	Begun
Deming, N. M. (AAF)	Supplementary	32-15,107-43	4297	Established
St. Paul, Minn.	Pibal & Raob			Discontinued

NOTE: Airway terminal forecasts now available for LaCrosse, Wisconsin but no longer available for Traverse City and Pellston, Michigan.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the Airman's Guide, full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons, indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated January 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

UNITED KINGDOM MILITARY AIR BASE USAGE: The following United Kingdom military air bases are available to civil air carriers of only U.S. and United Kingdom and to aircraft which were purchased in either the United States or the United Kingdom and are in ferry status: (a) For regular use: Kindley Field, Bermuda; Beane Field, St. Lucia; Coolidge Field, Antigua; and Atkinson Field, British Guiana; b) For alternate use: Waller Field, Trinidad; Vernam Field, Jamaica; and Carlsen Field, Trinidad.

Even though the above fields are open to civil air carriers and ferry status planes it is mandatory that the operators of such aircraft secure approval for use of these military air bases from Headquarters AAF, Washington, D.C., prior to the departure of each flight or series of flights.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly re-checked and a new chart will be issued as soon as possible.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of international notams to Service A circuits by WSY New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria; WSY New York; EIP Shannon; FXO Paris; WFH Port Lyautey. Inter island radioteletype link CSY Santa Maria to WYQY Lagens will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures.

NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, San Juan NAS, Trinidad NAS, Guantanamo NAS guard 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

AFRICA-Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

BERMUDA-Somerset NAS Radio Facility: Somerset NAS transmissions, air ground CW 3285 and 6253 kcs., were discontinued April 3, 1947.

BRITISH WEST INDIES-Antigua NAF: The following red obstruction lights have been discontinued at Antigua NAF. Aircraft utility building height 50' two lights. Main supply building height 60' one light. Power house height 40' one light. The following red obstruction lights will be discontinued at sunrise June 1, 1947. Three obstruction lights on water tower, two at 75' level and one at 155' level.

Goat Island, Jamaica Coast Guard Radiobeacon: The Coast Guard Radiobeacon at Goat Island, Jamaica, has been discontinued.

Kingston, Jamaica-Montego Bay Airport: Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica-Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105. and 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communication Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

CANADA-Pennfield Ridge, N.B.-Radio: Range courses realigned: 168-A, 273-N, 359-A, 104-N. (5-1)

CUBA-Rancho Boyeros Airport, Havana: Effective May 19, 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file flight plans prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type; route of flight; time of flight departure; time of minutes; altitude; CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230 92/60N KW. For trial period and until further advised all flight plans except Expreso and those presently using PAA communications facilities may be forwarded through WBR addressed to OAHAV at no charge.

GREECE-Hassani Airport, Athens Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this station.

MEXICO-Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction there of after 2 P.M. for a Customs inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

NEWFOUNDLAND-Military and Naval Landings: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

PUERTO RICO-San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station) Isla Grande Airport, San Juan, P.R. - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947. Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, P.R. Cable address is "Autoritan"

San Juan, Losey Field: May 1, 1947, Puerto Rico Transportation Authority took over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern half. NW/SE runway closed. Field available to daylight CFR operations only. (4-25).

San Juan, Caguas: Radio antenna tower under construction unlighted until further notice, height 150', located 1-1/4 miles N of Caguas at latitude 18-15-20 N, longitude 66-1-53 W.

DOMESTIC DATA

[redacted]

ALA-TENN-GA ARPT (BRIDGEPORT)-Ctn in wet weather. (5-22)
ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)
ALLENPORT (MONTGOMERY)-Muddy after rains. Use with ctn. (5-22)
ATHENS ARPT-Ctn in wet weather. (5-22)
ANDALUSIA ARPT-Bare in spots. Ctn in wet weather. (5-22)
ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)
ATMORE FLYING SERVICE-Soft in wet weather. (5-22)
ATMORE INT, SITE 16, NO-AG-Emerg use only. (5-22)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (5-6)
BATES FLD (MOBILE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (5-18)
BEAVER DAM FLD (DECATUR)-Soft after rainy weather. (5-22)
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. (5-20)
BOYKIN FLD (DEMOPOLIS)-Cattle on fld. (5-22)
BREWTON ARPT, new-Cattle on fld. (5-22)
BROOKLEY FLD (MOBILE)-RADIO: Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Soft-use rnwys, taxi strips only. (4-23)
**CAMP SIBERT ARPT (GADSDEN)-Will hereafter be carried as Camp Sibert Arpt. (Attalla). See page 116.
CENTRAL PARK ARPT (BIRMINGHAM)-Avail. lgt acft in all weather. (5-22)
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)
CHASTAIN'S ARPT (PRICHARD)-Soft after rains. Shallow dip near center of E/W strip. (5-22)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop.(5-29)
CULLMAN ARPT-Soft in wet weather. (5-22)
DAVENPORT ARPT (FT. PAYNE)-Muddy in wet weather. S end rough. (5-22)
EUTAW ARPT-Use NW/SE strip only. (4-17)
FAYETTE ARPT-Avail. lgt acft only during wet weather. Trees and fone line at W end (5-22)
FLINT CREEK ARPT (DECATUR)-Soft after rainy weather. (5-22)
GAINESVILLE INT, SITE 56, FY-AG-Emerg. use only. (5-22)
GOODYEAR FLD (GADSDEN)-Soft in wet weather. Safe for lgt acft-land with ctn. (5-22)

[redacted]:GRAGG FLD, SITE 27, PS-TM (CLANTON)-Ctn in wet weather. (5-22)
GREENVILLE ARPT, SITE 24, NO-AG-Soft after rains around arpt circle on N/S strip. (5-22)
GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
GUNTERSVILLE DAM ARPT-Soft spots at ends. (5-22)
HARTSELLE ARPT-Use W side fld. Avoid E side. E half of strip has small depressions extending from S end for approx 600' toward the N. Small area at SW portion fld soft after rains. (5-22)
HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE,S,E. (4-29)
JACKSON FLD (LIVINGSTON)-Rolling and slightly rough. Soft spots along N side at SW end. (5-22)
LEGION FLD (MONROEVILLE)-Do not confuse golf course fairways with landing strips. (5-22)
LUVERNE ARPT-Ctn in wet weather. (5-22)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
McKEE FLD (JACKSON)-Soft after rains. Not licensed. Use at own risk. (5-22)
★MOBILE-RADIO: Auto. range monitor. sys comm June 5.
MOTON FLD (TUSKEGEE)-Use with ctn in wet weather. Soft and rutted spots along E side. (5-22)
NAPIER FLD (DOTHAN)-Avail. civil. acft in emerg only. Obst lgt atop 175' water tank inop. (1-12)
NORMAN BRIDGE ARPT (MONTGOMERY)-Muddy after rains, but not soft. (5-22)
NORTH SAUTY BASE (SCOTTSBORO)-SSE end soft in wet weather. (5-22)
OAK ARPT (FOLEY)-W end E/W, N end N/S strips soft in wet weather. (5-22)
ONEONTA ARPT-N 800' strip wet, soft and rough. Unserviceable in wet weather. (4-29)
PRYOR FLD (DECATUR)-Rough spots around wind sock, mrkd. (5-22)
ROBERTS FLD (BIRMINGHAM)-S side fld avail. during wet weather. (5-22)
RUSSELL FLD (ALEXANDER CITY)-Washes on S edge near W end E/W strip, mrkd. (5-22)
SCOTTSBORO FLYING SERVICE-Soft in extremely wet weather. Rough spots on SE corner. (5-22)
SOUTHERN AIRMOTIVE ARPT (DOTHAN)-Twr 3/4 mi W. (5-22)
STROTHER FLD (GASTONBURG)-PRIVATE. Cattle on fld. (5-22)
TALLADEGA ARPT-N 700' N/S strip soft in wet weather. (5-22)
VALLEY AIR SERVICE (LANETT)-Soft after rains. (5-22)
VAN DE GRAAFF ARPT, SITE 59, FV-AG-(TUSCALOOSA)-Heavy acft avoid extreme NW and SW corners of fld after heavy rains. (6-3)
WALKER CO. ARPT (JASPER)-Land inside of bndry mrkrs. Avoid new landing strip now being graded. (5-22)
WEEDON FLD (EUFAULA)-Trees in W approach. (5-22)
WINFIELD ARPT-In wet weather avoid S end N/S strip-soft. (5-22)
WOOD-DEARING ARPT (RUSSELLVILLE)-Muddy in wet weather; safe for lgt acft, but land with ctn. (5-22)
[redacted]:ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous-grass, hills. (3-4)
**CLIFTON-GREENLEE CO. ARPT-Will hereafter be carried as Clifton-Morenci Arpt See pages 102 and 104.
**CONNER ARPT (QUARTZSITE)-Will hereafter be carried as Quartzsite Arpt. See page 100.
**DAVIS-MONTHAN FLD (TUCSON)-Correct letn: lat 32-11-30, long. 110-54-30. See page 102. E fld closed-acft parked on rnwys. Blinding ceilometer W end fld between ends of NW/SE, E/W rnwys. Rnwy 12-30 closed. During time rnwy closed, pilots land at own discretion during high winds; during high winds 20 mph or above fld will be closed to all lgt acft, C-45 or below. Equip. E Rnwy 12-30, 600' S Rnwy 8-26, lgtd. (4-25)

[redacted]:DEEP LAKE INT, SITE 54A, LA-AC-Avail. emerg use only-soft. (3-4)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (5-27)
HOLBROOK INT, SITE 51B, LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mt. (8500' MSL) 11 mi S. (3-10)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)
PHOENIX-Inst. train. on Phoenix Range between 5500 and 9500'.
**PRESCOTT, SITE 37, LA-AQ-Type A bcn comm May 16, (5-20)
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy acft use rnwys in wet weather. (4-28)
**SAFFORD ARPT-Will hereafter be carried as Safford Mun. Arpt. See page 102.
**SAUNDERS, HARRY A. ARPT (ST. JOHNS)-Will hereafter be carried as St. Johns Arpt. See page 80.
SKY HARBOR ARPT (PHOENIX)-Local ngt flying acft must be equipped with 2-way rdo. Equip. near Rnwy 12. Installation of ILS in progress off end of Rnwys 26 and 8. (5-25)
**SMILEY FLD (WELLTON)-ABANDONED.
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs advance notice in order that lgts may be turned on. (5-8)
**WICKERSHAM ARPT (SAFFORD)-Will hereafter be carried as Safford Arpt. See page 102.
**WILLCOX ARPT-ABANDONED.
**WILLIAMS FLD (CHANDLER)-Bcn, obst, ramp flood and rnwy ctc lgts avail. (5-21) See page 102. Use rnwys only.
WINSLOW-RADIO: Soon VARW fac will be comm at lat 35-03-29, long. 110-47-46. Freq. 108.7 mcs. Ident. "WO". Visual courses: 21°, 201°; aural courses: 111°, 291°. Voice fac will be added at a later date. (5-24). This corrects AIRGI, Vol. 2, No. 4.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed (flood damage). Equip. on fld days. (5-27)
★YUMA-RADIO: Adtnl voice fac comm on 111.1 mcs. (5-29)
**YUMA COUNTY ARPT-Formerly carried as Fly Fld. (5-28). See page 100. Parking rstd to W side fld. (5-28)
[redacted]:BIGGERS ARPT-Use strips only-cattle on fld. (4-25)
EL DORADO-RADIO: Ctn - VHF range unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd. Bndry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
HOT SPRINGS MEMORIAL FLD-Use ctn when landing and taking off. Soft sod in wet weather. (5-15)
**J.B. WILSON ARPT (JOINER)-ABANDONED. (5-23)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
★LITTLE ROCK-RADIO: May 29, NE course realigned to 209°. (5-20). Rng flgt-checked, courses correctly aligned. Stn guards 3117.5 kcs 2200 to 0600.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)

ARKANSAS:MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
**OZARK SKY RANCH ARPT (EUREKA SPRINGS)-Will hereafter be carried as Eureka Springs Arpt. See page 88.
PINE BLUFF-RADIO: Ctn - VHF range unmonitored. (4-10)
PRAIRIEVILLE ARPT (STUTTGART)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, fld soft and rough. (3-17)
**TUCKER FLD (HUGHES)-ABANDONED. (5-23)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn.(4-25)
★WALNUT RIDGE-RADIO: May 28, N and S courses realigned to 200° 20° respectively. Rng flgt-checked June 2, courses correctly aligned.
WALNUT RIDGE ARPT-Acft parked on all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)
CALIFORNIA:ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
**AMERICAN LEGION ARPT (SALINAS)-ABANDONED.
ARCATA-RADIO: Effect June 10, range will be shut down until June 15 to change the freq to 209 kcs. (6-6). These data rcvd too late for (R) symbol.
**AUBURN PEAK, BCN SITE 103 mi. Blinker, SF-SL-Discont. (6-4)
BAKERSFIELD-KERN CO. ARPT-Uhlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
**BALDWIN FLD (CORCORAN)-Formerly Harvey Fld. (10-12). See page 76.
**BAY MEADOWS ARPT (SAN MATEO)-No lgts. See page 74. Const on rnwys and taxiways until approx June 15. Rnwy 31 usable in all weather for acft up to 10,000 lbs. Taxiways should be used with ctn during winter months. When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave., but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (5-19)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
**BOSTON LAND CO. ARPT (WESTHAVEN)-ABANDONED.
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BRESSON ARPK (BLYTHE)-Soft spot W side N/S strip. (5-30)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).
BURBANK-LOCKHEED AIR TERMINAL-Right traffic Rnwys 7,15; left traffic Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). (4-29)
**CAL-AERO FLD (CHINO)-Formerly carried under Ontario. Lat 33-58-15, long. 117-38-30. See page 138. Use rnwys only-parked acft. (3-24)
CAMARILLO-VENTURA CO. ARPT-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)
CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT (AVALON)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)
CLEAR LAKE SEAPLANE BASE-Avail. in emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (5-20)
COMMERCIAL ARPT (LOMPOC)-Strips unusable. (5-30)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe Railroad, downtown Corcoran Upon completion will be 148' high and lgtd.
**CORNELL ARPT (PORTERVILLE)-ABANDONED.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in venty of bldgs N of intersection Rnwys 3,7. (3-13)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain site of strips regardless of wind. (5-21)
DEL MAR ARPT-Right traffic at 800' with prevailing westerly winds. (5-21)
**DELANO-KERN CO. ARPT-Formerly carried as Delano Arpt. See page 76.
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (5-22)
FAIRFIELD-SUISUN AAF-RADIO: Army rng unreliable, use for homing only.(3-13) Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (3-13)
FILLMORE ARPT-Private fld. Acft parked adj to strip. Expected to be open to public soon. (3-20)
**FORT ORD-Large over-water danger area in Monterey Bay has been discont.
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop). (1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF BUS. Use Los Angeles Arpt. (3-26)
HOBERT ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)
INYOKERN-RADIO: About June 17, a Navy MRLWZ rng will be comm at lat 35-44-30, long. 117-40-30. Freq. 323 kcs. Ident. "GIK". Courses: 74°,169°, 254°, 349°. Bear. and dist. stn to Armitage Fld: 349°, 4.1 mi. Fac will oper cont. FM's will be comm on the E course, 75°, 6.7 mi, ident one dash; on the S course, 164°, 4.1 mi, ident two dashes. (6-5)
LINDBERGH FLD (SAN DIEGO)-Acft departing for or arriving from Mexico land at Lindbergh Fld for customs clearance. (1-29)
LIVERMORE OLF-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
**LODI ARPT-Formerly Kingsbury Fld. (12-13). See page 72.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20). FLD: Ltd maintenance and only 100 oct avail. Army acft. (2-28)

[redacted]:LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
LOS ANGELES ARPT-RADIO: Lclsr and glide path of CAA ILS shut down for const. Outer mrkr inop being relctd 6 mi from end of Rnwy 25. Middle mrkr will soon be relctd 0.64 mi from end of Rnwy 25. FLD: Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within approach zone to and parallel with S side Rnwy 29. Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail..taxiing only. N side fld under const. Equip. on fld. All landings, take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. Unlgtd 25' bldg 1030' W Rnwy 7R. (6-2)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)
MARCH FLD (RIVERSIDE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (5-26)
MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders,unsurfaced areas unsafe. (4-23)
MERCED MUN. ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. (3-23)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
✚MIRAMAR MCAS (SAN DIEGO)-RADIO: Navy twr now transmits on 239 kcs., 142.74 mcs. (6-4)
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots mrkd. (3-28)
MOFFETT NAS-LTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. (12-20)
MOJAVE NAS-Closed to all acft except on off. bus. (5-21)
MONACHE MEADOW LANDING STRIP (OLANCHA)-Strip maintenance uncertain-etn. (5-30)
••MONTEREY-Two circular danger areas approx 8 mi and 14 mi NE have been discont.
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24,28;left Rnwys 6,10. (5-20)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (2-18). FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
NEEDLES-RADIO: Rng flgt-checked June 2, courses correctly aligned.
✚NEWHALL-RADIO: Actnl VHF voice fac avail. on 111.1 mcs. (5-27). Courses gnd checked only.
NEWHALL INT, SITE 3A, LA-SF-No fuel. (5-30)
OAKLAND ARPT-Rock surface area adj to Rnwy 27R avail. small acft. Adhere to instructions issued by twr. Maintenance facs avail. 0800 to 1800. Closed to acft not equipped with 2-way rdo except acft may land for repairs or fuel without rdo on permission from arpt supt. Rnwy 6-24 avail. lgt acft only. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W taxiways and parking apron sealing expansion joints. Heavy acft use rnwys, taxi strips only. Arpt channel unmrkd day, ngt. (5-13)
••O'BRIEN, BCN SITE 21B, SF-SA-Discont. (5-26)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when wet. (5-19)
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use

[redacted] rnwys, taxiways only. (4-28)
PALM SPRINGS ARPT-Right traffic, all take offs and landings on Rnwys 31,35. Rnwys 13, 17 usual left. (5-17)
••PLUMAS CO. ARPT (BECKWOURTH)-Formerly carried as Beckwourth Arpt. See page 20. Soft, rough during winter. (2-17)
✚RED BLUFF-RADIO: Adtnl VHF voice fac comm on 111.1 mcs. These data revd too late for chart and data page.
••REDDING ARPT-No lgts. (6-2). See page 20.
••REDWOOD FLD (ARCATA)-Formerly carried as Arcata Arpt. (9-20). See page 20. Closed to acft without 2-way rdo. Use surfaced areas only. (3-25)
••ROCKLIN, BCN SITE 93 MI BLINKER, SF-SL-Discont. (5-26)
SACRAMENTO-RADIO: Courses aligned by gnd check only. (5-26)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
••SAGE, BCN SITE 114 MI. BLINKER, SF-SL-Discont. (5-26)
SAN CLEMENTE ISLAND OLF-Closed except in emerg. (6-3)
SAN DIEGO-Night fighter train. being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi. centered at lat 32-54-30, long. 117-07-24, extending clockwise between lat 32-20-00, long. 117-03-20 and lat 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S.-Mexico bndry. (b) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24, extending clockwise between lat 33-23-30, long. 117-29-30 and lat 32-50-30, long. 116-26-30 excluding those portions which lie within the confines of civil airways,
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered floating pyramid) unless directed by twr. Point Love (black and orange checkered floating pyramid) is lctd 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibous Train. Base at an alt of less than 5100'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (6-3)
SAN FRANCISCO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-3) About Aug 1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclsr freq 109.5 mcs with ident. "SF" transmitter lctd 220' from W end of E/W rnwy. Glide path freq 332.6 mcs, transmitter lctd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be lctd 6.6 mi from E end of E/W rnwy, keyed 2 dashes per second, inner mrkr will be lctd 4550' from E end of E/W rnwy, keyed with alt dots and dashes. No bndry mrkr. Will oper cont. (5-14). This corrects AIRGI Vol. 2, No. 4. FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 2000' Rnwy 10-28 closed for landing acft days only. (6-2)
SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail. but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)
SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)
SANTA BARBARA ARPT-Equip. on fld. Closed to glider opers. Bcn inop. (6-3)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (5-6)
SAUSALITO-RADIO: FM will be decomm soon. (5-19)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Approx 1/3 of the main strip has been gravelled and should be used during the winter months. Medium and large acft avoid during the spring thaw. (5-26)
SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed until July 1. Equip. adj to NNE/SSW strip. (5-6)
SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)
STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)

[redacted]: SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip.(12-5)
TEMPLETON MEADOW FLD (OLANCHA)-Unusable. (5-30)
TRONA-RADIO-About June 17, SMRAWZ fac will be discont. (6-5)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TUNNEL LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn. (5-30)
VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (2-5)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use Rnwys 16L-34R, 7R-25L, 3R-21L only. (5-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glide opers with plane and auto tows. Tall grass and equip. on fld. (3-14)
[redacted]: **BRIDGES ARPT (LA JUNTA)-Formerly La Junta Bridges Arpt.See page 82.
BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop. (4-7)
FLD: No lgts, messing, transportation or lodging facs. (4-5)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
FLAGLER ARPT-Avail. ski-equipped acft after heavy snows. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwer line being const 200' S of N/S rnwy. (9-29)
LOWRY FLD (DENVER)-Equip. on fld. 0800 to 1700 Mon. thru Fri. (4-11)
PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (4-23)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat. 38-17-28; S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW-SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines). (5-14)
RUSTON FLD (DENVER)-Strips soft during wet weather. NE/SW strip closed. (6-6)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8,12, 18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (3-27)
STAPLETON ARFLD-DENVER ARPT (DENVER)-Neon approach lane NE/SW rnwy inop. (5-27)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Heavy acft use rnwys only. (5-29)

CONNECTICUT

BRAINARD FLD (HARTFORD)-Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW fld bndry, close to NW leg Hartford range. Flood lgts N end N/S rnwy inop. 11 street lgt poles erected W side fld, unlgtd. Lgts approx 12' below top of poles. (6-2)
BRIDGEPORT ARPT-Use rnwys only. Will be closed to all flight opers except emerg from 1100 to 1530, June 21. (5-20)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop.(4-21)
DANBURY-SPECIAL NOTICE: Danbury Fair Inc. operating a search lgt at Danbury Speedways every Sat ngt throughout the summer season. (5-27)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs, hedges on W bndry)(5-5)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)

[redacted]: KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only.(4-21)
NEW HAVEN ARPT-Avail days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman stationed at approach end of rnwy being used, displaying red flag. (4-21)
RENTSCHLER FLD (EAST HARTFORD)-Pile driver moored in Conn. River with obst lgts 130' MSL, 1/2 mi SW fld. (6-2)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-25)
STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)
**TRUMBULL FLD (GROTON)-Formerly carried as Groton Trumbull Fld. (1-23) See page 54. Water twr being const atop hill 1 mi NW. 107' derrick being used during const, unlgtd. (5-19)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)
[redacted]: NEW CASTLE CO. ARPT (WILMINGTON)-Use rnwys only.Equip. on fld days. (3-14)
[redacted]: SPECIAL NOTICE: See item under Alexandria Arpt, Va.
SPECIAL NOTICE: The Administrator of CAA has designated the Mt. Vernon National Monument a congested area. In accordance with CAR 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums. Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: GCA will be in oper effect June 1, 24 hrs daily for pilot training only during CFR weather conditions and when approach control is not in oper. Only 1 acft can be handled at a time due to shortage of control personnel. GCA not avail. for emerg use. Contact twr for GCA working freq. (5-30) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. Following instrument landing minimums have been estab. for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder - 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)
[redacted]: ALBERT WHITTED ARPT (ST; PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi SW. (4-26)
AVIATION CENTER ARPT (LEESBURG)-Use rnwys only-sand soft. (5-22)
BANANA RIVER NAS RADIO: Navy exper VHF rnwy localizers and various types of ILS oper intermittently day, ngt. Navy exper rdo bcn, 414 kcs, ident.

FLORIDA: "BR", A-2 and A-3 emission, oper intermittently, day, ngt. (3-27)
FLD: Range, port flood lgts. (5-7) Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)
BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of 5 green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)
BOCA RATON AAF-Closed to all trans mil acft on off. bus. or in emerg. Port flood lgts avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (6-9)
BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs(4-9)
BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)
BUNNELL ARPT-Cattle on fld. (5-19)
CANNON MILLS ARPT (ORLANDO)-N,NE,NW E use right traffic. S,SW,SE,W use left traffic. (5-27)
CECIL NAAS (JACKSONVILLE)-Equip. on fld. (5-19)
CEDAR KEYS ARPT-Use rnwys only. (5-19)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)
CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end)(1-6)
**CRAIG FLD (JACKSONVILLE)-200' twr of Rdo Stn WJLB lctd 7 mi SE (120°true) at lat 30-17-36, long. 81-24-32, obst lgtd. (5-15)
DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (5-7)
**DAYTONA BEACH ARPT-347' twr FM rdo stn WNDB erected 2.5 mi NE (45°true) at lat 29-12-28, long. 81-01-07 obst lgtd. (5-9) Lgtd tetrahedron S side fld inop. Use lgtd wind tee SE of Admin Bldg. (5-8)
DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Equip. on fld days. Avail. to rdo rcvr equipped acft tuned to twr freq. (5-19)
EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (3-18)
FLD: Acft approaching fld will enter area along right edge of S leg Crestview Rng. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will center at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (10-29)
ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)
HIDDEN ACRES ARPT (CLARCONA)-E/W strip avail lgt acft. (1-20)
HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt acft only. Sinkhole 100' E of intersection filled with sand. Other rnwys and taxiways usable. (5-19)
HOMESTEAD ARPT-Landing fee all acft. (3-12)
JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)
JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs must notify Jacksonville NAS 12 hrs in advance. (5-22)
JASPER ARPT-Cattle on fld. (5-19)
KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)
KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT; (4-10)
LAKE BUTLER OLF-Cattle on rnwys. (5-22)
LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)
LEESBURG AVIATION CENTER(LEESBURG)-Use rnwys only. (3-18)
**LIVE OAK ARPT-ABANDONED (5-28). See page 132.

FLORIDA-MacDILL FLD (TAMPA)-RADIO: Army ILS fac glide path and lclzr inop (6-5) Effect.Apr.25,oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwys 4-22,13-31,18-36 avail. Rnwy 18-36 clsd ngts. GCA equip 3000' from end Rnwy 22R,lgtd. Rnwy 4R-22L closed. (5-21)
MARIANNA ARPT-All rnwys usable days.NW-SE taxiway blkd by Gov't vehicles. Use rnwys only. (1-23)
MASTER NAS (MIAMI)-Clsd 30 min. after sunset until 0700. Extreme ctn-heavy traffic. Northernmost E/W rnwy closed (equip.,parked acft)(1-8)
MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs).Rnwys 32,36 under const-closed. (3-11)
MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22.(4-17)
MIAMI-RADIO: Federal Communication Comm. Fld Unit Direction Finding Aids inop (being relctd. (5-5)
MIAMI INTERNAT'L ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-25). FLD: Domestic non-sched. acft taxi to old Army Term. Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Sched. air-carriers and Internat'l Acft requiring immigration and customs svc use 36th St. Term. Trans Internat'l pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently, days. Obst lgts on p-lines adj Seaboard Airline R.R. Shops between N & S fld inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. Const until June 30 in grass area between Term. and W hangar ramps and E/W rnwy in N fld. Area mrkd and lgtd. (5-26)
MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of rng stn when passing Miami NAS. Stay clear of NW corner fld-fighter train.break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)
MORRISON FLD (WEST PALM BEACH)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17)
★ORLANDO-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (5-26)
ORLANDO AVIA; CO; CLUB ARPT-Land to the N,take-off to the S.Pwr line N.(5-19)
PAGE FLD (FT MYERS)-NW/SE rnwy lgts inop. (5-1)
**PENSACOLA ARPT-195' twr Pensacola State Hwy Patrol rdo stn 3.5 mi SW (233° true) at lat 30-26-30, long. 87-14-09 erected and lgtd. (5-8) Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (4-29)
PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (5-22)
PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Rnwy 3-21 and S of Rnwy 10-28 rough-use ctn when taxiing. Heavy acft use rnwys. Equip. on fld days.(5-20)
PINELLAS CO. MASTER ARPT (ST PETERSBURG)-Lgt acft landing and taking off on sodded area directly S of fld. (5-29)
PIPER-FULLER ARPK (ST PETERSBURG)-CLOSED. Emerg use only. (5-29)
**PUNTA GORDA ARPT-5 mi ESE. Formerly carried as Punta Gorda AAF. See page 134.
PUNTA GORDA MUN ARPT-Usable emerg landings only. (5-29)
RICHMOND NAS-LTA-Use in emerg only (caretaker status-no facs)
ST AUGUSTINE ARPT-All lighting facs inop. (5-19)
STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)
SUNNY SOUTH ARPT (MIAMI)-Lgtd for student ngt flying. Closed to transient acft. (5-13)
TAMIAMI AIRPORT (MIAMI)-CFR day operations. Landing fee only to aircraft carrying passengers or cargo for hire. Equipment on field intermittently days. (3-12)

[redacted]:TAMPA-RADIO: 116.1 mc transmitter and 122.1 mc rcvr temp inop. (5-9)
TAYLOR FLD (OCALA)-Use rnwys only. (1-23)
TITUSVILLE-COCOA ARPT-Fld lgts avail. prior req, bcn opers sunset to sunrise (6-4) See page 134. Use rnwys, taxiways only (soft sand) (5-8)
TYNDALL FLD (PANAMA CITY)-RADIO: Army rng unreliable. (4-18)
VERO BEACH ARPT-Crash facs not avail. on line. Rnwys 11-29,3L-21R,7L-25R, 18-36 closed (repairs). (5-21)
WAKULLA ARPT-CLOSED (soft sand) (5-22)
WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)
WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)
WITHAM FLD (STUART)-Use rnwys only. (2-12)
[redacted]:ALBANY ARPT-Use rnwys only. (5-29)
ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 134' lgtd water tank being erected 1 mi E. 25' lgtd bldg near N end N/S rnwy. N portion of N/S rnwy extending down to the E/W rnwy obscured from twr and is closed to all traffic except acft with 2-way rdo in commun with twr. Pilots land at own discretion. (5-29)
ATLANTA NAS-RADIO: About June 11, W course of Navy rng will be realigned to 107°. (5-28) FLD: Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (4-16)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only (7-1)
**BUTLER ARPT SITE 14, TJ-AG-Formerly carried as Butler Int, Site 14, TJ-AG. (6-3) See page 116.
CALLOWAY ARPT (LA GRANGE)-Hvy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CARROLLTON ARPT-Equip. on fld. (5-12)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)
COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)
**COOK COUNTY ARPT (ADEL)-Lgts inop. (1-4) See page 132.
**GLYNCO NAF ARPT (BRUNSWICK)-Bcn oper dusk to dawn. (2-1) See page 132.
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2, 32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32. (4-30)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
**MALCOLM-McKINNON ARPT (BRUNSWICK)-Formerly carried as St. Simons Island NAAS. (5-21) See page 132. Equip. on fld days. (6-2)
MARIETTA AAF-No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers Bldg 200 yds N intersection Rnwys 10 and 15. (5-19)
MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.
**MUSCOGEE CO. ARPT (COLUMBUS)-Two twrs erected and obst lgtd. (1) 480' twr Rdo Stn WGBA, 7 mi WSW (246°T) at lat 32-27-57, long. 85-03-23; (2) 216' twr Rdo Stn WRBL, 6 mi WSW (255°T) at lat 32-29-43, long. 85-02-36. (5-10) Wind tee lted day and lgt when wind is 12 mph or less. Free swinging over 12 mph. (5-15)
[redacted]:SAFFOLD ARPT (SAVANNAH)-2500' ESE/WNW strip under const. (4-2)
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°. (4-22)
**SAVANNAH WILMINGTON ARPT (SAVANNAH)-Bddry lgts avail. (1-31) See page 118
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (4-8)
**STATESBORO ARPT-Formerly carried as Statesboro AAF (6-5) See page 118.
**SYLVANIA AAF-Changed to Sylvania Arpt. See page 118.
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to grnd stn. temp. inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)
[redacted]:BOISE ARPK-Right traffic for NW landings and take-offs. (5-21)
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil except for taxiing. Extreme ctn while taxiing thru this area. (6-2)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
COEUR D'ALENE-RADIO: Courses aligned by gnd check only. (5-26)
GOODING-RADIO: May 27, MH fac changed to type H with pwr increased to 100 watts. Transmitter not relctd. Fac will oper cont. Sched weather bdcast service inaugurated at 15 and 45 minutes past the hr.
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. Equip. on fld days. (6-3)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)
[redacted]ALBERTUS ARPT (FREEPORT)-Const. Use N/S,NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates Right traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe hvy acft-soft. NE/SW rnwy closed (const). (3-3)
**CHICAGO ARPT-RADIO: GCA service test being conducted on 24 hr basis. Unit aligned for approach from NW on Rnwy 13R. Transmits on 350 kcs, 109.5,126.18 mcs. Rcvs on 3105,4495,6210,3117.5 kcs, 126.18,118.1,118.7,122.5 mcs. Pilots desiring to make runs should make arrangements thru Chicago Twr No IFR oper. (4-3) FLD: Wind direction indicator 500' W of intersection Rnwys 22 and 18L, NE sect of arpt comm as free swinging tetrahedron, lgtd ngts. Old wind tee intersection 31L and 27L perm decomm. (6-3) Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L, 36R,27L, mrkd. GCA trick and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Term. Bldg upon arrival and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under

ILLINOIS:const along N taxiway. Ctn when taxing. Ramp in front of new Term Bldg being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
**CHICAGO-ORCHARD ARPT (CHICAGO)-700' twr of Rdo Stn WBBM erected 2.5 mi WNW (285°) true. (6-4) Landing fee same as Chicago Arpt. Trans acft register in city office S side fld. Glide path bldg 800' SE of NW end NW/SE rnwy 400' SW. Lclzr bldg 950' SE of SE end NW/SE rnwy. (6-4)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
**EVERGREEN FLYING CLUB ARPT (WARREN)-Formerly carried as Evergreen Arpt. See page 30.
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
JOHNSBURG ARPK-Equip. on fld. (3-18)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
★MOLINE ARPT-RADIO: CAA ILS lclzr ident "MLI". This corrects Airgi, Vol. 2, No. 6. FLD: 75' lgtd mast:, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PAL-WAUKEE ARPT (GLENVIEW)-250' Goodyear Blimp based on fld until approx Aug 10. Stationary mooring mast 45' high with a single obst lgt lctd on the NE side of the fld, approx 300' from existing rnwys. Blimp unlgtd, but riding lgts will be turned on upon the approach of acft. Pilots req to avoid use of rnwys during the 10 or 15 min period which will occur twice a day when the blimp is landing or taking off. (5-31)
PEORIA ARPT-Equip. on fld 0800 to 1630 daily except Sun. (5-10)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
**ST. DAVID ARPT-ABANDONED. (2-13)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip on fld. (7-31)
**SPRINGFIELD ARPT-No lgts (5-13). See pages 38, 40, 45. Fld and strips soft after hvy rains. Unsafe hvy acft when soft. (4-5)
SPRINGFIELD MUN ARPT-New arpt under const 3 mi NW of city. Will be complete approx July 1. Ctn do not land. Gaps in paving at intersection of rnwys. Pole line crossing SE end NW/SE rnwy. (5-3)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Strips soft during thawing weather. (2-20)
WAUKEGAN ARPT-NW/SE, E/W strips usable except in extremely wet weather (5-13)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)
*[redacted]AIR HARBOR ARPT (SCOTTSBURG)-Formerly carried as Scottsburg Arpt. See page 58.
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BLOOMINGTON ARPT-Turf sparse-soft when wet. (5-19)
BRIGHTWOOD ARPT (INDIANAPOLIS)-E end E/W strip under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys

[redacted]:Circular traffic pattern in use. (5-19)
**CEDAR LAKE FLYING SERV ARPT (COOK)-Formerly carried as Cedar Lake Arpt. (Cedar Lake). See page 42.
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only (5-2
CHARLESTON ARPT-Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (5-19)
COLUMBUS MUN. ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. (5-5)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn. (5-1)
HOOSIER-PARK ARPT (INDIANAPOLIS)-NW/SE, NE/SW strips closed. Area immediately adj to these strips avail. for traffic. (5-22)
HULMAN FLD (TERRE HAUTE)-Erosion on outer edges of fld. Lgt acft use sodded area in triangle bounded by rnwys. Ctn in wet weather (5-15)
HUNTINGTON MUN ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212, kcs, 126.18 mcs, revs on 3105,4495,6210, 3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs should make arrange ments thru Indianapolis Twr, Indianapolis Rdo or airline gnd stn at Indianapolis All flights must be CFR prior to starting GCA runs and must remain CFR through-out approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclar on 108.3 mcs SW end NE/SW rnwy. Exper rdo rng with 5 lgtd 131' twrs oper. intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding mrkr) 75 mcs, 10 mi SW of arpt on ILS lclar course, keying "U" tone 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner oper intmtly. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flgts of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' SE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper slope line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 prs. of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Oper normally with rnwy ctc lgts. No mil svcg-use Stout Fld. (5-20) Right traffic pattern for acft landing on grass to the right of rnwy in use; left for acft landing on grass to left of rnwy. Acft landing on rnwys use left traffic pattern unless other-wise advised by twr. (5-22)
McCOOL INT, SITE 3, CG-LG-Pwr poles approx 460' S of the S end of the N/S rnwy, fone line along the S side of Hwy #6, 50' silo 1160' W of watchhouse, all unmrkd. Green bndry lgts No. 17 and 28 changed to clear. (5-27)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (5-19)
MILROY INT SITE 5, CC-CG-CLOSED (soft). (5-21)
MORGANTOWN-RADIO: FM formerly on S course of Indianapolis Rng will bemain in oper on exper basis. (11-8)
MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)
PLYMOUTH ARPT-E/W, NW/SE strips avail. ENE/WSW strip closed-newly seeded Contition will be in effect throughout the summer. (5-19)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to hvy lcl traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. Soft freshly seeded areas at side of NE end of NE/SW rnwy and at W end of ramp, mrkd. Const NE end fld. (4-16)

**[redacted]REESE FLYING SERVICE (SELMA)-Formerly carried as Reese Arpt (Muncie). See page 142.
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-Shoulders soft when wet. Const area mrkd. (5-19)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft when wet. (5-19)
SOUTH BEND-Barrage balloon over S central portion of South Bend.Max height 500' above gnd. Aloft 0700 until 1700 daily. (5-27)
STARKE CO. ARPT (KNOX)-N/S strip soft-loose sand. Avail. lgt acft only. (5-19)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (5-22)
TRI-STATE ARPT (ANGOLA)-N/S strip closed (const). (5-5)
URSCHEL FLD (VALPARAISO)-Strips soft in wet weather. (5-19)
**VALLEY ARPT (LAWRENCEBURG)-Formerly carried as Lawrenceburg Arpt. See page 58. (1-27)
WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather. (5-5)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No wind conditions land to W. (5-8)
[redacted]CEDAR RAPIDS-RADIO: June 4, H fac oper by the City of Cedar Rapids was comm and flgt-checked at lat 41-53-26, long. 91-42-25. See page 40
CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. NG svcg not yet avail. (4-22)
DUBUQUE ARPT-Flooded, unusable. (4-17)
ELKADER ARPK-N/S strip newly graded and seeded. (5-29)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (4-3)
IOWA CITY ARPT-Avail. days only. Use rnwys, taxi strips only. Sod adj rnwys, taxi strips freshly seeded. Equip. on fld. 75' unlgtd bcn twr being erected 250' E of N/S taxi strip. Open trenches adj all rnwys. N/S rnwy closed until approx June 16. NW/SE rnwy will be closed June 16 until approx June 23 (lgts being installed). (6-1)
LAMONI INT SITE 10, KC-MP-Unsafe (soft). (4-16)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)
OTTUMWA NAS-S landing mat closed (helium bottles on mat). Use rnwys only. (5-6)
SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. (4-30)
KANSAS:ALLMAN ARPT (LENEXA)-Use strips only. (4-2)
ATKINSON ARPT (PITTSBURG)-Const, mrkd. (4-27)
ATWOOD ARPT-Soft when wet. (3-26)
BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
DODGE CITY ARPT -Blinding ceilometer installed 1000' NW of Admin Bldg. E/W rnwy closed.Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg: (4-11)
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (6-2)
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND ARPT-Rnwy side soft when wet. (2-21)
HUTCHINSON MUN ARPT-Heavy acft use rnwys only. Tetrahedron unlgtd. (5-1)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Only N/S rnwy nearest ramp avail. Svcg, opers avail. 0800 to 1900 only. (5-8)
JANSSEN SKYTEL ARPT (MCPHERSON)-E/W strip soft when wet. (3-4)
LARNED MUN ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather.
[redacted]: S 1/2 N/S strip under const. (3-19)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
OLATHE-Acft of various typed operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-RADIO: Navy range freq changed to 233 kcs. (6-6)FLD: Closed 1800 to 0800- flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only - no facs.
OLATHE OLF NO. 4-Use in emerg only - no facs.
OLATHE OLF NO. 7-Use in emerg only - no facs.
OLATHE OLF NO. 9-Use in emerg only - no facs.
SATANTA ARPT-Strips soft in wet weather. (2-19)
**SHERMAN FLD (FT. LEAVENWORTH)-Closed 2000-0800.(6-5) Left traffic on Strips 12,15; right traffic on Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)
STANLEY COUNTRY CLUB (STANLEY)-Lat 38-52-15, long. 94-38-00.
**STROTHER ARPT (WINFIELD)-Will hereafter be carried as Winfield-Arkansas City Arpt.(Winfield). See page 86
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA AAF-Closed to all trans mil acft except on off. bus. or in emerg. (6-2)
WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (4-29)
WICHITA AUX ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)
[redacted]ASHLAND ARPT-Right traffic pattern on NW landings and take-offs.(2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)
BOWLING GREEN ARPT-Use rnwys only. (4-7)
CAMPBELL AAF (HOPKINSVILLE)-No mechanical or refueling svc avail.; use Smyrna AAB for refueling and maintenance. Opers closed 1630 to 0800. Only Rnwy 4-22 avail.; other rnwys closed for const. Wind tee nmvd; wind sock only avail. Lgts inop. (4-4)
GODMAN FLD (FORT KNOX)-RADIO: Army rng unreliable; use primarily as homing fac. (4-5) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (4-17)
GREATER CINCINNATI ARPT (COVINGTON)-Rnwy lgts supplemented and/or lgtd by flare pots only. N/S, E/W rnwys avail. ngt landings. Lgts not controlled from twr. Men on rnwys days. Use rnwys, taxi strips only-sod soft. (5-23)
JODY FLD (LONDON)-Const-use N of hangars only. (4-28)
LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)
LOUISIANA:BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (SCS-51) temp. recomm. Lclzr on 109.9 mcs, lctd 1800' SE of SE end NW/SE rnwy. Approach bear. 143°. Opers 0800 to 1600 for pilot training; is avail. within 40 min Sat; or other times on req thru twr. Three mrkr bcns: inner 0.25 mi; middle 0.64 mi, keyed six dots per sec; outer 4.35 mi, keyed two dashes per sec. Will continue in oper until CAA type put back in operation. Army ILS (CAA type) temp inop. (5-13) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base.
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd

LOUISIANA: with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S & W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
**LAKE CHARLES ARPT-ABANDONED. (5-21)
LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operated during cloudy conditions. Two 195' twrs 3.5 mi NW under const. lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55°true) Will be lgtd upon completion. (3-24)
**MERAUX-NEUNEZ ARPK (NEW ORLEANS)-Formerly carried as Menefee OLF. (6-4)See page 128.
**MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-162' derrick erected 7 mi SW, (230° true) at lat 29-55-45, long. 91-20-36, obst lgtd. (5-23)Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop. (5-12)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. Equip. on all rnwys. Fld on positive control. (5-18)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1- 1.4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. Equip. on fld days. (5-13)
MAINE:AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
**BAR HARBOR ARPT-Bcn bndry, range and obst. lgts avail. (12-13) See page 17.
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
★DOW FLD (BANGOR)-RADIO: CAA ILS bndry mrkr decomm May 30. ILS in operation, but temp unmonitored. (5-27) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Exten ngt flying opers every ngt from 2000 to 2300. P-47 type acft operating CFR stacked from 3000' to 10,000' all quadrants except S. (5-28)
FARMINGTON ARPK-After heavy rain land to W side strip. (4-23)
**GUERTIN ARPT (LEWISTON)-Will hereafter be carried as Central Arpt. See page 17.
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. range monitor. sys temp inop. (5-26)
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
NORRIDGEWOCK ARPT-CLOSED- use in emerg only.

OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (4-29)
★PRESQUE ISLE AAF-RADIO: Army air/gnd stn freq of 128.16 mcs discont. (6-2) Army VHF/DF and HF/DF stns temp suspended. (5-16) Bndry mrkr of CAA ILS will be decomm soon. FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC Flights. Svcg trans acft 0800 to 1700 only. (5-16)
**ROLLINS ARPT (TURNER)-Will hereafter be carried as Rollins Flying Service Arpt. See page 17.
**SANFORD ARPT-Will hereafter be carried as Goodall Arpt. See page 56.
SCARBORO ARPT-CLOSED (soft). (3-31)
WESTON FLD (MADISON)-Avail. emerg only. (4-2)
MARYLAND:BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise.(4-21)
BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel service avail. by contacting Baltimore Twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
★BRANDYWINE-RADIO: VHF voice fac avail. on 116.1 mcs. (6-3)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF.BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft sholders off rnwys. Avail. days only. (2-19)
FREDERICK CITY ARPT-CLOSED (water main running across arpt being removed.) (5-22)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
KENT ARPT (WORTON)-Landing area under const. (3-17)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Diches adj Rnwy 9-27, mrkd. Equip. on fld. Obst SE end Rnwy 13-31. Ctn-land long on rnwy. (6-6)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000. Approach from N only, flying a heading of 200° from Aberdeen to fld. Heavy traffic rnwys. Rnwy 4-22 closed. (5-20)
SALISBURY-RADIO: Commissioning of VHF rng indef. postponed. (5-5)
SALISBURY ARPT-Use rnwys only. (2-17)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (PRIEST POINT)-Closed except on 24 hr notice.
[redacted]:AGAWAM-Two searchlgts being operated from Riverside Park dusk to midngt May 30 to Sept 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' unlgtd tank under const 6500' SW. No ctc lgts. (5-2)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.

[redacted]: GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (5-17)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
**LOGAN ARPT (BOSTON)-RADIO: CAA ILS oper for test purposes only. Lclzr lctd 950' from NE end rnwy served. Freq. 110.3 mcs. Glide path freq 335 mcs. Two mrkrs: outer mrkr 5.67 mi from SW end rnwy keyed 2 dashes per second. Middle mrkr 1.40 mi from SW end rnwy keyed 6 dots per second. Outer compass lctr at outer mrkr site. Freq. 203 kcs. Ident. "G". (5-5) FLD: Neon approach lgt lane comsnd May 27 on SW end of rnwy 4-22 (5-27). See page 56. Traffic control tender comm May 26, lctd intsxn rnwys 9-27 and 15-33. (5-26). Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Mgr and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. NE 100' Rnwy 7-25 unsafe. Old Rnwy 15-33 closed except for taxiing. (5-26)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT (BERKLEY)-Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true)(4-12)
ORANGE ARPT-High grass NW end fld. (5-17)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs)
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of 2 strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (4-21)
★SQUANTUM NAS-RADIO: May 27, freq of Navy range changed to 233 kcs. Courses aligned by gnd check only. FLD: Equip at bndry and on fld. Fld avail 0800 to 30 mins prior to off. sunset. Truck and 2 trailers 30' high on rnwy 2-20, 150' S intxn rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (5-26)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (CAA type) lclzr, Rnwy 24 unreliable. (4-23). HF/DF stn temp suspended. (5-22) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intxn (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intxn and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. (2-16)
Red bcn atop Mt. Nanatuck inop. (6-5)

[redacted]: ABRAMS ARPT (GRAND LEDGE)-Soft during wet weather-freshly seeded (4-24)
ADRIAN CITY ARPT-SW corner fld unsafe for landings and take-offs. (4-28)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (5-23)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
BISHOP ARPT (FLINT)-Three 170' lgtd twrs Rdo Stn WWOK under const 4.5 mi E (82° true). Use rnwys only-soft. Unmrkd acft parked on fld within 500' of bldgs. (4-8)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. Wind tee temp removed. (4-28)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Soft spots and broken blacktop on NE-SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
DETROIT-RADIO: Compass lctr temp inop. (6-7) These data rcvd too late for "O" symbol.
DETROIT NAS Closed 1700 to 0800. (9-14)
DR: HAINES FLYING FLD (THREE RIVERS)-Use strips only. (5-23)
FITCH H BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRIDLEY ARPT (YPSILANTI)-Strips reseeded, unusable when cross is displayed. Use E/W sod patch. Condition will remain until approx June 13. (4-24)
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
**KANAPEE ARPT (NEW HUDSON)-Correct name Knapp Arpt. See page 32.
KELLOGG FLD (BATTLE CREEK)-Equip. on fld indefinitely. (4-24)
KENT CO ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs or over use rnwys only. Rot. bcn on Admin Bldg will be inop until approx June 27 during twr const. (5-23)
★LANSING-RADIO: June 4, VHF voice fac comm on 116.1 mcs. See page 32.
LINDBERGH MUN ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (5-23)
MACKINAC CO ARPT (ST IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail to lgt acft only in dry weather. (4-26)
MOUNT PLEASANT ARPT-Sod strips soft during early spring months. (4-24)
MUSKEGON CO ARPT Use rnwys only-rough. (4-24)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO ARPT (GAYLORD)-Use NW/SE strip with ctn-sand surface. (4-24)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys. (3-21)
PLANE HAVEN ARPT (STANTON)-CLOSED. (5-23)
ST CLAIR CO ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. Equip. on fld. (4-24)
★SAULT STE MARIE-RADIO: June 4, NW course realigned to 104°, SE course to 297°, gnd-checked only. FLD: Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SELFRIDGE FLD (MT CLEMENS)-RADIO: Army range will relctd in early June. (5-20)
**SKY HARBOR ARPT (GAYLORD)-ABANDONED (1-28) See page 16.
SKY HAVEN ARPT (SAGINAW)-CLOSED (const)(4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (4-24)
TRAVERSE CITY ARPT-Obst lgts S end N/S rnwy inop. Use rnwys only. (4-28)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, soft after heavy rains. (4-15)
WASHTENAW ARPT (DEXTER)-Use rnwys only. Avail. days only. (2-20)
WAYNE CO ARPT (DETROIT)-No lgts or rdo. (4-7)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28). FLD: Equip. on fld. Trucks on NE/SW taxi strip.

[redacted]: Trenches and const of ILS bldgs on fld, mrkd. (2-14)
[redacted]: AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
••BILLINGS PARK SEAPLANE (DULUTH)-ABANDONED. (5-22)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW-SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. Const. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
••DULUTH ARPT-Formerly carried as Williamson-Johnson Arpt. (5-17). See page 13. These data rcvd too late for chart. Use rnwys only. (11-8)
••DULUTH BOAT CLUB SEAPLANE-ABANDONED. (5-22)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
KENYON ARPT-N/S strip slopes to N NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-28)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const)- (6-20)
PRINCETON ARPT-Use N/S strip only. (5-12)
ST PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN ARPT-Use rnwys only. Bal fld planted in grain.(4-30)
UNIV OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Rough. (4-1)
••WOLD CHAMBERLAIN ARPT (MINNEAPOLIS)-202' twrs, 2 mi ENE (70° true) rdo ⁿstn WLOL dismantled. Obst lgts and flasher bcn perm discont. (5-21) Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Heavy acft use rnwys, taxiways only-soft. (4-30)
[redacted]: BASS FLD (LULA)-Landing area rough. (11-13)
••CARROLL CONE ARPT (TUPELO)-Will hereafter be carried as Tupelo Arpt at Tupelo. See page 114.
COLUMBUS AAF-Use rnwys only.
••DOSSETT FLD (BEULAH)-Lat 33-47, long. 90-58-15. See page 112.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-29)
GRENADA AIRPT-NE/SW rnwy closed. (6-28)
••GULFPORT #1-Formerly carried as Gulfport Arpt. Lat. 30-24, long. 89-03. See page. 128.
GULFPORT MUN ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1-1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-11)
JACKSON CO ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
••JONES-HARDEN ARPT (CLEVELAND)-Lat 33-46-45, long. 90-46-30. See page 112.
••JOSEPH H. SHARPE ARPT (NATCHEZ)-Will hereafter be carried as Sharpe Arpt (Natchez). See pages 112, 128.
KEESEER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-28)
••KEY FLD (MERIDIAN)-300' twr of Rdo Stn WNRL lctd 8 mi NE (35° true) at lat. 32-26-00, long. 88-40-00, obst lgtd at 3 levels. (5-22) Unlgtd 143' stack and 101'

[redacted]: tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Entire fld and surrounding obst unlgtd except rot. bcn, N/S rnwy lgts and a few lgts on the NE/SW rnwy. (5-26)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
••L. B. STRANGE ARPT (TUTWILER)-Will hereafter be carried as Strange Arpt. (Tutwiler). See page 112.
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
McLAURIN ARPT-Unusable-strip washed out by rain. (4-29)
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)
TATE ARPT (LELAND)-Soft when wet. (4-24)
TUPELO ARPT-Equip. stakes on fld. (1-2)
YAZOO CITY CO ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)
[redacted]: ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to S.
BAILEY'S ARPT (BROOKFIELD)-Use strips only. (9-20)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
••CAPE COMMERCIAL ARPT (CAPE GIRARDEAU)-Perm CLOSED May 17. Operations moved to Harris Fld. (5-29). See page 88.
CHILLOCOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches, and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
••COLUMBIA ARPT-No flood lgts. (6-3). See page 40. Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet Traffic pattern 800' on downwind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld days. (6-3)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS lclzr has low clearance spots or false
••courses 90° E of front course and 50° W of front course. Glide path and middle mrkr temp unmonitored. (5-23) FLD: Flood lgts perm discont. (5-28). See page. 42 Avail. mil acft not exceeding 50,000 lbs Army acft rstd from refueling except in extreme emerg. No 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgts approx even with N end N/S rnwy operating. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Term. Bldg-ctn when parking acft this area. 13' lgtd structure lctd 75' W of center line at S end of N/S rnwy. Levee has been raised to 20' above fld level 400' off SW end of NE/SW rnwy and 500' off W end of E/W rnwy, unlgtd. Five 300' twrs being erected 14 mi NNE (22° true), temp obst lgtd. (5-28).
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-29)
LAMBERT FLD-ST LOUIS ARPT (ST LOUIS)-RADIO: Middle mrkr of CAA ILS temp unmonitored. May 26, glide path operating intermittently on test ba. is. Disregard emissions from this fac. About June 5, lclzr and glide path will be decomm until approx June 12, upon recomm, voice and ident features of lclzr will be inop. FLD: Closed to non-rdo equipped acft. Soft off rnwys-avail. lgt acft. SW taxi strip closed. Apron NW corner fld and approach end Rnwy 7 closed. Rnwy 16-34 closed. Rnwy 6-24 closed from W end thru intxn Rnwy 16-34. 4100' Rnwy 6-24 avail. Equip. at intxn Rnwys 6-24, 16-34 days. Port rnwy lgts on Rnwy 7-25. Const in progress on new rnwy 1500' SE of intxn Rnwys 6-24 and 16-34 thru intxn to approach end

[redacted]: Rnwy 7. Trucks crossing approach end Rnwy 7 days. Const areas lgtd ngts. All Navy facs closed to all trans acft except off. orders and emerg. less cross country training. (6-5)
MARYVILLE MUN ARPT-Use strips only. (9-16)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST LOUIS)-Use in emerg only (caretaker status-no facs)
ROLLA ARPT-Unsafe heavy acft (soft)- (1-16)
ROSECRANS FLD (ST JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
SIKESTON ARPT-Use rnwys only-parked acft.
✱SPRINGFIELD-RADIO: Rng stn coordinates: lat 37-16-00, long. 93-26-24. (6-6)
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-S 1/3, N/S and E 1/3, E/W strips unsafe heavy acft (soft) (5-5)
VAUGHN ARPT (TRENTON)-14 1/2' ditch each side of strips. (2-26)
[redacted]: BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
BOZEMAN-RADIO: Range figt-checked June 6, courses correctly aligned.
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-16)
CUT BANK ARPT-Ctc lgts rsmd oper. (6-5). These data rcvd too late to delete ⓪ symbol.
DEER LODGE ARPT-Equip. on fld. Avail. with ctn. (6-3)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
••LEWISTOWN ARPT-200' twr rdo stn KXLO 3 mi NE (58°true) at lat 47-04-13, long. 109-24-26 erected and obst lgtd. (5-9) Use rnwys only. (2-25)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
MILES CITY ARPT-Bndry lgts inop. NW and NE floodlgts inop. (5-7)
MISSOULA CO ARPT-NE/SW rnwy closed. NW/SE rnwy closed to all B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes,mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
SUPERIOR-RADIO: Rng figt-checked June 3, courses correctly aligned.
VALLEY CO ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)
[redacted]: CLAY CENTER ARPT-Use mrkd strips in wet weather, allway in dry weather. (3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HASTINGS ARPT-Use strips only-soft. (5-24)
••HAWKS ARPT (BRUNING)-Lat 40-18-45, long. 97-29-45. See page 36.
KEARNEY AAF-RADIO: Army Hfac temp inop. (1-21) FLD: No opers office.(3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (5-1)

[redacted]: McCOOK AAF-Soon, all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. NW/SE rnwy avail. only. Delete "temp inact.no facs." Add CLOSED. (6-5)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
OMAHA ARPT-Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SIDNEY INT: SITE 59, SL-OH-Use rnwys only, bal fld rough. (4-23)
STECKLEY ARPT (WEEPING WATER)-CLOSED (6-23)
••WALDO AIR SVC ARPT (REPUBLICAN CITY)-Formerly carried as Republican City Arpt. See page 36.
[redacted]: BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaced only-shoulders soft. Bndry lgts inop. (6-2)
BOULDER CITY ARPT-SW end NE/SW rnwy unusable. (2-21)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
••FALLON ARPT-Formerly carried as Fallon OLF. Bcn, range ctc, flood, obst lgts avail. on prior req. (5-19). See pages 21 and 76.
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft,mrkd. (4-5)
LAS VEGAS-RADIO: Rcvg facs 122.1 mcs inop. (6-3) Mar 3, VHF range comm cont on test basis at lat 36-11-06, long. 115-05-48. Bear and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1 mcs. Ident. "LQ". Courses: visual: 29°, 209°; aural courses: 119°, 299°. Mag. var.: 16°E. Simult voice channel and rcvg watches avail. 24 hrs daily. Stn class: VAR-DTV. Stn now guards 3117.5 kcs., 116.1, 122.1 mcs. Disregard spurious signals.
••LAS VEGAS AAF-RADIO: Glide path of CAA ILS inop. (6-3) FLD: 150' twrs formerly used by rdo stn KENO lctd 2 mi SSW city, at lat 36-08-15, long. 115-09-45 have been dismantled. (5-8) Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
••WELLS INT, 46B, SF-SL-ABANDONED. (5-22)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)
[redacted]: BOIRE FLD (NASHUA)-Wind sock atop brink hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)
BRATTLEBORO-HINSDALE ARPK (HINESDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
✱GRENIER FLD (MANCHESTER)-RADIO: Army VHF/DF stn is avail. on req and during IFR only. (5-26) Army ILS temp inop. (3-6)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only). (5-6)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas)(4-7)
••LANCASTER ARPK-This fld is ABANDONED. Delete its listing under "New Arpts", page 17. This corrects Airgi, Vol. 2, No. 4. (5-28)
LEBANON-RADIO: CAA commun stn will be comm soon. Stn will be manned only from 0700 to 2300. MH fac will oper cont, without voice, from 2300 to 0700.
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
[redacted]: ATLANTIC CITY-RADIO: VHF rng inop. (6-6)
ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hrs previous arrangement with Opers Officer. (12-11)

[redacted]: ATLANTIC OCEAN-Over-water bombing practice approx 40 mi off shore will be conducted at the following positions: lat 39-47-10, long. 73-26-00; lat. 39-22-00, long. 73-25-00. This activity has not yet been cleared with Airspace Subcommittee.

CALCO STACK-RADIO: May 26, H fac placed in cont oper for test and shakedown purposes, formal commissioning soon. Lat 40-43-00, long. 74-08-21. Freq. 347 kcs., ident. "V". Class MHW. Bear. and dist, rng to H fac: 56°, 3.7 mi. Flgt-checked, oper. normal.

CALDWELL-RADIO: VAR range will be comm soon, at lat 40-50-45,long 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses; 22°,202°. Var. 11° W. Class: VARW. (3-24)

CALDWELL-WRIGHT ARPT (CALDWELL)-Right traffic when taking off and landing from SW. (4-24)

CAPE MAY CGAS-Clsd to trans acft except in emerg (caretaker status-no facs)

COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)

HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather.(2-27)

LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16)

LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)

LINDEN-RADIO: May 26, H fac placed in cont oper for test and shakedown purposes, formal commissioning soon. Lat 40-37-49, long. 74-15-33. Freq. 359 kcs. Ident. "Q". Class: MHW Bear. and dist, rng to H fac.: 236°, 5 mi. Flgt checked, oper. normal.

LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)

LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)

MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)

**MONMOUTH CO ARPT (BELMAR)-Flood lgts on req. (3-6). See page 70.

**NASSAU ARPK (PRINCETON)-Reported abandoned. (6-16) Rec'd too late for data page and chart.

NEWARK-RADIO: Following repairs, courses aligned by gnd check only. (5-30)

NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-23) FLD: To reduce acft noise over Newark residential area and avoid tall bldg section: 1. Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. 3. Make a half left turn as soon as practicable in take-off to W. 4. Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tanks lctd in Harrison when making a S approach to the N/S rnwy. (9-7) Clsd to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Rnwy 1-19 clsd.(4-28)

**NORTH BRUNSWICK ARPT (NEW BRUNSWICK)-Formerly carried under North Brunswick. See page 70.

**OCEAN CO ARPT (ADAMSTON)-Port. flood lgts on req. (4-1). See page 70 Const NE/SW strip. (2-25)

**PRINCETON ARPT (ROCKY HILL)-Formerly carried under Princeton (3-21). See page 70

RED BANK ARPT-Area starting from hwy W 1200' to the intxn of the N/S strip unusable.Clsd to acft over 10,000 lbs except by prior fone arrangements. (6-5)

SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)

[redacted]: TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. 400' min. ceiling with 1 mi visibility authorized for non-scheduled air carrier take-offs under IFR conditions. (5-27)

**WORTH FLD (FLORENCE)-Will hereafter be carried as Florence Fld. (3-31)

[redacted]: ALAMOGORDO AAF-RADIO: Army range inop. (4-8) FLD: Ltd lighting Rnwys 3-21, 7-25, 15-33. Wind tee inop. Clsd to all trans acft except on orders from CG, AAF; CG, AMC; or CG, SAC. Acft will not carry trans passengers not listed on orders to this fld. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (5-16)

ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy clsd. (4-18)

CLOVIS AAF-RADIO: Army rng, twr to be discont soon. AACS air gnd stn will remain in oper. (5-27). FLD: No opers office. Emerg landings only ngts. (5.21)

CONDRON FLD-See notice under White Sands Proving Ground, N. M.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)

GALLUP ARPT-E/W rnwy closed. (3-18)

GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUN ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-5)

LAS VEGAS-RADIO: About June 17, rng will be shut down days for installation of auto. rng monitor. sys. (6-3)

LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)

LOS ALAMOS AIRFLD-Closed. Landing permission must be obtained from the Area Manager, U.S. Atomic Energy Comm., Santa Fe Area, P.O. Box 1539, Santa Fe, N.M. (5-15)

LOVINGTON ARPT-Cattle on fld. (9-16)

MAGDALENA MUN ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)

PARKER FLD (RUIDOSO-FT STANTON)-Cattle on fld. (9-16)

ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Rdo for instructions.

ROSWELL AAF-Ltd parking. (2-16)

**RUIDOSO FLYING SERV ARPT-Will hereafter be carried as Ruidoso Arpt (3-12) Lat 33-12-15 long. 105-39-30. See page 104.

SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg.(1-15)

TULAROSA ARPT-Use E/W strip only. (9-16)

WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)

[redacted]: AERO LAKE SEAPLANE BASE (KINGSTON)-Right traffic when wind from the N. (5-27)

ALBANY ARPT-Equip. on fld intermittently. (2-22)

AMSTERDAM ARPT-CLOSED (soft) (4-11)

[redacted]:BATH-H'SPORT (HAMMONDSPORT)-W landings and take-offs right traffic, E left traffic. Use strips only-newly seeded sod, slippery when wet. (5-28)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO-RADIO: Rng figt-checked May 30, NE course 4° NW, bear. 226°.
★BUFFALO ARPT-RADIO: CAA ILS with voice figt-checked and comm for cont oper May 28, serving NE/SW rnwy. Var. 8° W. Lclzr lctd 450' from SW end NE/SW rnwy, lat 42-55-50, long. 78-44-35. Elev. 667' MSL. Glide path lctd 400' NW of centerline of NE/SW rnwy, 1550' from NE end at lat 42-56-23, long. 78-43-59. Elev. 712'. Glide angle 2.5°. Middle mrkr lctd at lat 42-56-58, long. 78-43-06, elev 695'. Outer mrkr lctd at lat 42-59-10, long. 78-40-15, elev. 665'. Outer mrkr compass lctr also comm. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-26) FLD: Acft entering and departing Buffalo traffic zone use ctn- new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. (5-30)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)
★DUNKIRK-RADIO: Stn manned only 0800 to 2400 daily upon req. MH fac oper cont 2400 to 0800, other hrs on req.
FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)
FLUSHING ARPT-Right traffic on N and NW, wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Unsafe heavy acft-soft. Lgt acft use ctn. (4-5)
FULTON ARPK -Right traffic when landing S and SE. (3-31)
GLENS FALLS ARPT-Equip. on N/S rnwy days. (6-1)
GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud). (4-10)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only- Caution when wet. (5-18)
IDLEWILD-RADIO: CAA ILS comm Apr 9 for purposes of pilot training and familiarization only. Hrs of oper: 8:30 to 5:00, Mon-Fri. Serves Rnwy C (ENE/WSW), with approach from WSW. Mag. heading for landing 72°. Lclzr freq 109.5 mcs, ident "NY". Glide path freq 332.6 mcs, angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt. permitted during simulated approaches will be 200'. (4-11)
IDLEWILD ARPT-Not yet opened-const. (3-13)
ISLIP-RADIO: Commissioning of VHF rng has been indefinitely postponed. (5-2)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON ARPT-Right traffic when wind from S. (5-27)
KINGSTON-ULSTER ARPT (KINGSTON)-ESE/WNW strip closed. (3-20)
★LA GUARDIA FLD (NEW YORK)-RADIO: May 29, bndry mrkr of CAA ILS decomm. (5-21) Training and test period of GCA equip. inaugurated May 29. Equip. avail. 24 hrs daily during CFR weather conditions only. Voice call: "LaGuardia GCA". Guards 3105,6210,3117.5 kcs, 118.7,140.58 mcs. Transmits on 118.7 mcs. Pilots desiring practice GCA runs advise La Guardia GCA when 20 mi from La Guardia Fld. During periods of CFR weather only twr freq 118.7 mcs. reserved for service test of La Guardia GCA. All traffic calling La Guardia twr use other assigned freqs. (6-4) ADF approach control inop until approx June 16 due to modification of commun and approach control equip. During this period IFR arvl acft will be under the control of New York Air Route Traffic NEW YORK: Control Center. Air traffic control clearances will be delivered thru CAA Commun Stns or respective Airline Co. rdo facs. (6-2) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-25) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190° N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approahh end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. (2-24) Port of New York authority advises that no four-engine acft carrying passengers or cargo shall use Rnwy 18-36 for landings or take-offs. (6-5)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn -unconventional flight test oper. Equip. on fld daylight hrs. (2-21)
**MASON ARPT (GENEVA)-207' twr rdo stn WHIN at lat 42-51-35, long. 77-00-59 erected 2.5 ESE (108° true) lgtd 1/3 and 2/3 levels. Red flash. bcn atop. (5-27)
★MASSENA-RADIO: VHF range visual courses realigned to: 75°, 255°; aural courses to: 165°, 345°. (6-6) Blue hemisphere NW, "N" hemisphere NE. Ctn- range unmonitored.
MASSENA-156' twr Radio Stn WMSA lctd 232°, 3.0 mi SW, temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. beacon atop and four side lgts; two at 1/3 level, 2 at 2/3 level. (9-9)
MASSENA ARPT-Use rnwys, taxi strips only - turf rough. (2-21)
MITCHEL FLD (HEMPSTEAD)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (4-25)
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emergency. (3-17)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK ARPT-CLOSED. (3-10)
NEW YORK-Each week end, weather permitting, betweeen the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to point of beginning. (2-6) THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 151.
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2000 to 0800. (4-3)
OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)
PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)
PICKAIR SEAPLANE BASE (OSSINING)-Unmrkd shad poles in Hudson River.

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather. (3-27)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)

[redacted]:ROCKLAND ARPT (NEW CITY)-50' unlgtd pole immediate vcnty of arpt.
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)
ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)
SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic when taking off and landing into the W. (5-7)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. 800' mtn directly N of fld. (5-5)
SHERRIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)
SMITHPORT INC. (UTICA)-Use paved rnwy only. (5-9)
**STEWART FLD (NEWBURGH)-240' twr of Rdo Stn KRST, 1/2 mi SW, obst lgtd top by bcn flasher. (6-3) No army Acft will be cleared this fld under IFR. (4-4)
SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (2-21)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)
WARREN CO. ARPT (GLENS FALLS)-Equip. on fld intermittently days. (5-27)
*WATERTOWN-RADIO: VHF range visual courses realigned to: 45°,225°; aural courses to: 135°,315°. (6-6) Blue hemisphere NW. "N" hemisphere NE. Ctn - range unmonitored.
WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip, trucks on fld. (4-15)
WESTCHESTER CO. ARPT (WHITE PLAINS)-All traffic control lgt signals and rdo signals emanate from the mobile traffic control unit parked on grass on E side of arpt proper. Pilots should disregard new control twr being const until same is comm and mobile unit removed. (5-8)
WINGDALE ARPT-Avail lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 Jets are flying from Republic Fld. (5-8)
[redacted]:ASHBORO ARPT-220' twr Rdo Stn WGWR being erected 6.5 mi NNE (13° true) temp obst lgtd. (5-14)
ASHEVILLE-RADIO: Apr 18, VHF range comm at lat 35-23-28, long. 82-32-44. Visual courses: 110°,290°; aural courses: 20°,200°. Ctn- rng unmonitored. Unattended and should not be used for navigational purposes. Freq 108.7 mcs. Ident. "VP". Class: VARW. "N" signal to E. Blue sector to N, yellow to S.
**ASHEVILLE-150' twr Rdo Stn WSK erected and lgtd. (5-8)
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status) no facs).
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BOGUE MCAAF-Use in emerg only (caretaker status - no facs). (4-16)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
DOUGLAS ARPT (CHARLOTTE)-Bcn code ident. inop. (2-27)
EDENTON NAS-Use in emerg only (caretaker status - no facs).
ELIZABETH CITY-RADIO: May 1, VHF range without voice comm at lat 36-14-49, long. 76-17-25. Freq 108.3 mcs. Ident. "ES". Class: VARW. Aural courses: 126°,306°; visual courses: 36°,216°. "N" signal to N. Blue sector to W, yellow sector to E. Operated on unmonitored basis, unattended and should not be used for navigational purposes. This corrects Airgi Vol. 2, No. 3. (5-2)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. (3-27)
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 95 herein. When training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Both sides rnwy 32 to intersection soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)
HICKORY-RADIO: VHF range, no voice, comm at lat 35-43-30, long. 81-16-48. Visual courses: 72°,252°; aural courses: 162°,342°. Freq 108.3 mcs. Ident "HO". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn - unmonitored, unattended and should not be used for navigational purposes.
KINSTON ARPT-Avail. civil acft only in emerg. (11-13)
NEW BERN-RADIO: Visual-aural VHF rng completely shut down May 1, for freq change. (5-22)
**PAULS AIR PARK (THOMASVILLE)-Correct location: lat 35-47-45, long. 80-03-30. See page 94
POPE FLD (FT. BRAGG)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army rng unreliable; all courses swinging and NW and SE courses too wide on on-course signal. (5-12) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (3-5)
ROANOKE ISLAND RPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: Apr 22, VHF range without voice comm at lat 35-59-00, long. 77-43-42. Aural courses: 174°,354°; visual courses: 84°,264°. Freq 109.1 mcs. Ident "RI". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn -not monitored, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 3.
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-N/S rnwy lgts very dim. E/W rnwy under const-closed. (6-4)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
**WEEKSVILLE NAF (LTA)-No bcn or fld lgts avail. (5-20) See page 96 Avail. HTA and LTA acft from 0800-1630, all other times by prior arrangement with the CO or Operations Officer (2-27)
WILMINGTON-RADIO: Apr 22, VHF range without voice comm at lat 34-21-40, long. 77-53-30; aural courses: 146°,326°; visual courses: 56°,236°. Freq. 108.7 mcs. Ident "VT". Class: VARW. Ctn- not monitored, unattended and should not be used for navigational purposes.
WINSTON-SALEM-RADIO: May 23, stn shut down for conversion to an SMRLZ fac. (5-23)
[redacted]:BISMARCK ARPT-Use rnwys only. Crash and firefighting equip. avail. 0800 to 1900 only. 12' bldg and tranching opers in vcnty SE end NW/SE rnwy, mrkd. Equip. on fld intermittently. (5-14)

NORTH DAKOTA: CHANDLER ARPT (WILLISTON)-Use strips only,bal fld rough.(5-10)
DAWSON INT, SITE 63,HL-TWIN CITIES-CLOSED (water, mu d on fld).(3-24)
**DICKINSON ARPT-300' twr of Rdo Stn KDIX erected 7 mi N (357° true) at lat 46-53-44, long. 102-47-06, obst lgtd. (5-19)
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flashing tetrahedron lgts ngts. (3-13)
GRAND FORKS ARPT-Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders.(5-6)
PEMBINA INT, SITE 14A, FO-WG-Closed to acft over 5000 lbs. Use rnwys only(6-4)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Use rnwys only after heavy rains.
OHIO: AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg. on arvl and dptr. Ltd svcg facs only. (5-1)
AKRON-CANTON ARPT-CO. FLD (CANTON)-Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRECKSVILLE-RADIO: FM on E course of Cleveland rng inop. (6-4)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N,W, and SW. (3-1)
**BROOKFIELD ARPT-ABANDONED (5-13) See page 50
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT(DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Soft in spring rainy season. (5-13)
CHERRY FORK INT, SITE 4, CC-WA-Unsafe heavy acft (soft). (5-12)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. Glide path transmitter and antenna being const 760' NE and 200' W of approach end Rnwy 5L, mrkd. 365' twr Rdo Stn WGAR, 10 mi SE being remodeled to 200', lgtd. (6-6)
CLINTON CO. AAF (WILMINGTON)-Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 63. Balloon 6' diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)
COLDWATER INT, SITE4, DY-GO-Soft. (3-17)
★DAYTON ARPT-RADIO: About June 11, ILS will be shut down until approx June 25 to add voice and ident to lclzr, middle mrkr and compass lctrs will also be added. Bndry mrkr decomm. FLD: Sod area W Rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. (5-10)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
**GRIMES FLD (URBANA)-Ctc lgts avail. See page 62. Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT-Roggh-land with ctn. Soft in wet weather. (5-13)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30) FLD: Equip. all rnwys 0800 to 1700 Mon to Sat until Aug. 31. (6-4)
LORAIN SKYPORT-Trans acft avoid fld in wet weather. (5-13)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-26)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only.(2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE,SE.(3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) inop. (6-2) FLD: Equip. on fld. Line of telephone poles 50' high near approahh Rnwy 34, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)
PAULDING CO. ARPT (PAULDING)-Soft when wet, land at own discretion.(2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (5-22)FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. 30' port twr on Curtis Wright taxi strip W side fld 800' from E/W rnwy and 800' from NW/SE rnwy until approx July 7 between 0800 and 1700.
**PORT KONETA ARPT (WAPAKONETA)-Lat 40-35-45, long. 84-11-30.See page 46.
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Acft use ctn in wet weather. (5-13)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
**SNYDER ARPT (FORTORIA)-Lat 41-10, long 83-23-15. See page 46
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
STOUT FLD (NORTH KINGSVILLE)-E/W strip closed. (6-1)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvla nd prior to dptr. (5-13)
TOLEDO ARPT-Equip. on fld 1500' S, intersection. Wind tee free swinging. All sod landings parallel to active rnwy. (5-10)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
**ZALESKI ARPT-Formerly carried as Zaleski State Forest Service. See pages 60 and 62.
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy lgts inop. (6-4)
OKLAHOMA: ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuelor svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. Use rnwys only. (5-27)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA sales and Sto. Center. No svcg, repairs or overngt stol Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
GAGE-RADIO: Soon, weather permitting, rng will be shut down days for installation of auto. rng monitor. sys. (6-3) FLD: No fuel (4-30)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE MUN ARPT-Course lgts changed to red. Bndry lgts decomm. (3-17)

OKLAHOMA: HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
**MUSKOGEE AAF-Will hereafter be carried as Davis Fld (Muskogee). Lat 35-39-30, long 95-21-45. (11-19) See page 84
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn - VHF rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT NO. 1- 325' twr Rdo Stn KSPI being erected 4 mi SSE(160° true)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. 6' obstn N end N/S rnwy 100' off center. (5-26)
TULSA ARPT-RADIO: Glide path of CAA ILS inop. (4-7) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only.(3-25)
WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: About June 17, outer mrkr of CAA ILS will be shut down for installation of Compass lctr. (5-26) FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)
[redacted]:BAKER ARPT-Use rnwys only (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W take-offs and landings. (3-17)
EUGENE ARPK-Rnwy pavement not built to withstand acft weighing over 4000 lbs. Equip. on fld days. Open culverts along rnwys. (6-6)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S- steep grade.(6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
**MADRAS ARPT-No Army activity.
MAHLON SWEET FLD (EUGENE)-Equip on fld. Use rnwys only. (5-2)
MEDFORD AAF-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24)FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil. acft. (3-12)
★ONTARIO-RADIO: June 4, VHF voice fac comm on 116.1 mcs. See page 4
PILOT ROCK ARPT-Usable lgt acft. (5-2)
PORTLAND ARPT-RADIO: Glide path of CAA ILS reported unreliable. (6-4) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-24) FLD: Acft landing this fld must have workable 2-way rdo. (5-20)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W.(3-13)
SEASIDE ARPT-Right traffic S take-offs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED. (3-22)
THE DALLES ARPT-NE/SW rnwy unlgtd. Poli line SW unlgtd. (3-19)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants.(2-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)
[redacted]:ALLEGHENY CO. ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17) FLD: N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. Exten repairs on all rnwys and

PENNSYLVANIA: taxi strips, mrkd. (5-28)
ALLENTOWN-RADIO: VHF range comm Apr 24, operating without voice at lat 40-44-25, long. 75-27-20. Freq. 109.1 mcs. Ident. "XA". Visual courses: 107°,287°; aural courses: 17°,197°. "N" signal to E. Blue sector to N, yellow sector to S. Bear. from stn to N end N/S rnwy Allentown-Bethlehem Arpt: 178°, 5.7 mi. Class: VARW. This corrects "AIRGI" Vol. 2, No.3.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180° true). (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS-Patterson Heights Arpt- 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing of taking off to the E,NE, and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E.(3-10)
DALESVILLE ARPT-Right traffic used on S to SE take-off.
**EAST SCRANTON ARPT (SCRANTON)-ABANDONED. (5-16) See page 52
EMLENTON ARPT-CLOSED. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-First 500' Rnwy 23 and first 600' Rnwy 14 closed. Ltd transportation.(6-2)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
GREENE CO. ARPT (WAYNESBURG)-Temp 50' derrick adj to N side of NE/SW rnwy mrkd. (5-7)
★HARRISBURG STATE ARPT-RADIO: CAA twr now transmits on 278 kcs, 126.18, 118.7 mcs. (5-30) Approach control service inaugurated May 30. Gds 3105,4495, 6210,3117.5 kcs, 118.7,122.5 mcs. These data too late for data page. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-14) FLD: Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd.(3-12)
LANSDALE ARPT-Right traffic when taking off to the E. (5-7)
MILLARD ARPT (ANNVILLE)- Sod area soft-use strips only. (5-12)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (1-27)

[redacted]: **OLMSTED FLD (MIDDLETOWN)-Four green range lgts avail, ends all rnwys. (5-22) Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29,14. Lgtd obsts between Rnwys 29,32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use Rnwys 11,32 for ngt landings. (4-25)

PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin Bldg on arvl and dptr. (6-16)

PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-14) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. Unlgtd poles approx 20' high across approach to Rnwy 9 approx 1200' W of approach end of rnwy. Other unlgtd poles 45' high in const area W and NW of arpt-clear of approaches. (6-4)

PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)

PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)

PORT ERIE ARPT (ERIE)-RADIO: CAA ILS placed in cont oper without voice for equip. test and shakedown purposes May 26, expect formal commissioning June 10. Approach bear. 60°, serving NE/SW rnwy. Var. 6) W. Lclzr lctd 375' from NE end of NE/SW rnwy at lat 42-05-03, long. 80-10-15, elev. 729' MSL. Freq. 110.3 mcs. Ident. "ERI". Middle mrkr lctd 3264' from SW end of NE/SW rnwy at lat 42-04-18, long. 80-11-42, elev 731' MSL, keyed cont alt dots and dashes. Outer mrkr lctd 4.35 mi from SW end of NE/SW rnwy at lat 42-02-18, long. 80-15-15, elev 800' MSL, keyed cont two dashes per sec.

READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.9 mcs. Not flight-checked. Lclzr temp inop. (5-6) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. Right traffic on Rnwys 13 and 18. (1-15)

**SCRANTON ARPT-240' twr rdo stn WSCR erected and obst lgtd - base 900' above sea level lctd lat 41-26-30, long. 75-40-30 - 5.5 mi SE (120° true). (4-30)

STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intermittently. Ctn in wet weather. (4-1)

SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (4-8)

**VALLEY ARPT (YORK)-410' twr rdo stn WSBZ, 3 mi SSW (200° true) at lat 39-56-25, long. 76-41-59, is erected and obst lgtd. (5-28)

VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)

WEST CHESTER ARPT-Strips under const. Right traffic on W and N take-offs. (6-3)

**WILKES-BARRE-SCRANTON ARPT-Lgts avail, on prior req. (6-4). See page 52. Use rnwys only.(6-4)

WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)

WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail. for emerg landings or by prior req. Const S side fld, mrkd. (5-23)

WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)

WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)

[redacted]:CHARLESTOWN NAAS-Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)

GREENE ARPT, T.F. (PROVIDENCE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (6-7) FLD: Soft spot on turf area S of rnwy intersection, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (5-8)

PROVIDENCE-RADIO: Ctn - VHF range unmonitored. (5-21)

[redacted]: **CHARLESTON ARPT-4 mi N ABANDONED. (4-10)

[redacted]:CLARK FLD (CHARLESTON)-Strips rough. (4-28)

CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)

FLORENCE ARPT-Closed ngts (bcn,rnwy,obst lgts inop). Ditching alongside rnwys. Equip. on fld days. Ditches lgtd smudge pots ngts. Use rnwys only. (5-26)

GEORGETOWN CO. ARPT-Bcn inop. (4-28)

GREENVILLE AAB-RADIO: Army emerg bcn placed in oper on 1742 kcs. Bcn is jeep-mounted and will be placed at approach end of active rnwy upon req to twr, 24 hrs daily. Ident consists only of series of dots followed by 2 long dashes and then repeats. No voice modulation avail. Pwr is 5 watts with rng limited to 15 mi. (5-23) FLD: Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (4-1)

JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 mi N. (3-21)

LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (4-24). FLD: Control of air traffic discont. Bndry lgts inop. 1 range lgt SW end NE/SW rnwy inop. E/W rnwy lgts very dim. (6-6)

MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (5-1)

MYRTLE BEACH-RADIO: Apr 22, VHF range without voice comm at lat 33-43-20, long. 78-53-15. Aural courses: 145°, 325°; visual courses: 53°, 233°. Freq. 108.3 mcs. Ident. "MU". "N" signal to N. Blue sector to W, yellow sector to E. Class: VARW. Ctn-unmonitored, unattended and should not be used for navigational purposes. This corrects; AIRGI, Vol. 2, No. 3.

MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (12-17)

OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. No. 4 rnwy floodlgt inop. (5-15)

PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).

SHAW FLD (SUMTER)-No 73, 91 oct. (12-11)

WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area. No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)

[redacted]:ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)

BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)

BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)

BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn.(3-27)

GERONIMO ARPT-Rough and dangerous-unattended. (5-20)

RAPID CITY AAB-Equip. 300' S of E/W rnwy to 700' W of N/S rnwy; equip. lgtd. E/W rnwy closed. (6-4). These data rcvd too late for ⓘ symbol.

SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)

WATERTOWN-RADIO: 122.1 mc rcvr temp inop. (5-6)

W.W. HOWES ARPT (HURON)-Closed to acft exceeding 25,500 lbs. Use black-top rnwys only. Stakes on grass areas. (6-4)

[redacted]:BERRY FLD (NASHVILLE)-RADIO: Outer mrkr recomm and flat-checked June 5. Lclzr will oper intermittently for test purposes days and good weather only. Unmonitored. Not to be used for navigation. See page 90. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)

CHATTANOOGA ARPT-LOVELL FLD-RADIO: 126.18 mc transmitter and rcvr at CAA twr temp inop. (5-8) FLD: Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)

CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° side from 800'. (5-7)

CUMBERLAND FLD (NASHVILLE)-Strips under const.

DYERSBURG-RADIO: Apr 22, VHF range without voice comm at lat 36-01-11, long. 89-19-00. Aural courses: 106°, 286°; visual courses: 16°, 196°. Freq. 109.1 mcs. Ident. "DJ". Class: VARW. "N"signal to N. Blue sector to W, yellow sector to E.

TENNESSEE: Ctn-unmonitored, unattended and should not be used for navigational purposes.

••HUMBOLDT ARPT-ABANDONED. (12-12)

JACKS CREEK-RADIO: 116.1 mc transmitter and rcvr temp inop. (5-22)

★KINGSTON-RADIO: Coordinates for FM on W course of Knoxville rng: lat 35-53, long. 84-27-08. (6-3). This corrects AIRGI, Vol 2, No. 4

LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)

McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)

McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.

MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type aircraft Thursdays 1930C to 2230C until further notice. This activity has not yet been cleared with the Airspace Subcommittee.

MEMPHIS ARPT-RADIO: Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 mph. At such times, traffic will be controlled by lgt gun signal from lctn atop term bldgs on S side arpt. (11-19) Middle and outer compass lctrs of CAA ILS inop. (5-22) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way rdo transmitting on one of the following freqs: 3105, 4495, 6210 kcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (1-16)

MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)

MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27,000 lbs. (5-10)

OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)

SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7). FLD: Temp inactive-no facs. (6-8). These data rcvd too late for ⓘ symbol.

STEWART FLD (UNION CITY)-Use rnwys only-parked acft.

TRI-CITY ARPT (BRISTOL)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)

TEXAS: ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.

ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)

ALAMO-RADIO: Rng stn shut down for conversion to type SMRLZ fac. (5-19)

ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. (3-17)

ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)

ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)

ASHERTON ARPT-High brush-use strips with ctn. (3-17)

ATLANTA MUN. ARPT-Cattle on fld. (11-15)

AUSTIN-RADIO: Stn guards 3117.5 kcs 2300 to 0700. Range flight-checked, courses correctly aligned, break in stn location marker lgt pattern. (5-23)

AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft, wet). (4-14)

AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)

••BEAUMONT ARPT-Red flasher bcn installed top 306' twr of Rdo Stn KPBX lctd 6.5 mi ESE (103° true) at lat 30-03-00, long. 94-06-30.

BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW. NW/SE rnwys closed. (4-23)

BIGGS FLD (EL PASO)-See notice under White Sands Proving Gnd, N.M. (12-26)

TEXAS: BIG SPRING-RADIO: About June 17, rng will be shut down days for installation of auto. rng monitor sys. (6-3) Stn gds 3117.5 kcs 2300 to 0700. (2-27)

BROWNSVILLE-RADIO: About June 17, rng will be shut down days for modernization. (6-3) Commun stn guards 3117.5 kcs during hrs 2400 to 0800. (2-23)

BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)

CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)

CHILDRESS-RADIO: Ctn - VHF range unmonitored. (4-10)

CLEBURNE NORTHWEST ARPT- -250' twr rdo stn KCLE being erected 1.5 mi NNE (28° true). (2-3)

CLEVELAND-RADIO: Ctn - VHF range unmonitored. (4-23)

••CLIFF MAUS FLD (CORPUS CHRISTI)- 180' twr lctd 2.3 mi NNW (345° true) at lat 27-48-19, long. 97-27-30, obst lgtd at 2 levels with 300 MM bcn flasher atop. (5-7) Use rnwys only during wet weather. Farming opers in progress 200' E of N/S rnwy and 200' S of E/W rnwy. (6-6)

COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273° true). Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123° true). (3-24)

CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-25)

••CORPUS CHRISTI NAS-165' derrick erected 1.5 mi SSE, mrkd at ngt with red obst lgt on top, white lgts on sides. (5-7)

CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Mun. twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (5-23) FLD: Traffic left 600'. Bndry obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. (4-14)

CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)

DALLAS-Extensive night flying by small aircraft up to 1000' in vicinity of Hudson Arpt (approx 8 mi NE Love Arpt). This activity has not yet been cleared with the Airspace Subcommittee.

★DALLAS-RADIO: June 5, W course realigned to 67°. Courses gnd-checked only.

DENTON ARPT-Use N/S rnwy only. (2-21)

DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)

DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)

★DUNCANVILLE-RADIO: H fac ident changed June 6 to "U".

EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196° true) (2-25)

ECTOR CO. ARPT (ODESSA)-W half E/W, S half N/S and all of NE/SW rnwys closed. Use only taxi strips and open portions of E/W, N/S rnwys. Closed ngts. (6-9)

EGYPT, BCN SITE 13, ZN-HU-Temp inop. (5-12)

ELDORADO ARPT-E/W strip soft in wet weather. (3-17)

★ELLINGTON FLD (HOUSTON)-RADIO: Army twr now oper 0800 to 1700. (6-9) These data rcvd too late for inclusion on data page and chart. FLD: Closed to VHB acft except in emerg. Exten Reserve training daily until 1900 Tues and Weds until 2200 under CFR. (6-3)

EL PASO MUN. ARPT-ED ANDERSON FLD-RADIO: Outer mrkr of CAA ILS will shut down soon for installation of compass lctr. (5-26)

ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (4-5)

FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop. (5-12)

FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)

FORNEY-RADIO: FM on E course of Dallas Range inop. (5-23)

FORT WORTH AAF-E/W rnwy closed. 40' trees immediate end Rnwy 35L. (5-28)

FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)

JUNE 10,1947

TEXAS

••FREER ARPT-ABANDONED.
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
★GRAUWYLER PARK-RADIO: June 5, ident of H fac changed to "G". About June 17, H fac will be decomm. (6-6)
GUTHRIE-RADIO: Ctn - VHF rng unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
••HARLINGEN ARPT-ABANDONED.
★HASLET-RADIO: June 6, ident of H fac changed to "T".
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and rcvr temp inop. (3-12)
HOUSTON ARPT-RADIO: Outer mrkr of CAA ILS will be shut down soon for installation of compass lctr. Lclzr gnd-checked only, glide path not comm. (6-4) FLD: Use rnwys, taxi strips-ditches parallel E/W,N/S,NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)
••JEFFERSON CO. ARPT (BEAUMONT)-Rnwy etc lgts req only. (5-22). See page 126.
JOAQUIN-RADIO: Ctn - VHF range unmonitored. (4-10)
JUNCTION-RADIO: VHF range will be comm soon at lat 30-38-00, long. 99-58-43, Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. (5-23)
KELLY FLD (SAN ANTONIO)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop. (5-12)
••LA LAJA FLD (DOLORES)-ABANDONED.
LAMESA ARPT-280' rdo twr being erected approx 3.5 mi SE (130° true). (3-17)
LAREDO-RADIO: Soon, weather permitting, rng will be shut down days for installation of auto. rng monitor. sys. (6-3). Stn lctn mrkr oper erratic. (4-16) Soon, all commun and rdo rcvg facs will be shut down for approx 48 hrs for relctn of control quarters. (5-20)
LAREDO ARPT-Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. (4-8)
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-RADIO: June 2, outer mrkr of CAA ILS shut down for installation of compass lctr. (6-3) FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120° true). (1-20)
••LUCAS FLD (ARLINGTON)-Formerly Sky Ranch Arpt. (1-26). See page 110.
••MAGIC VALLEY ARPT (MISSION)-ABANDONED.
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317° true), lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7). FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true) temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135° true). Taxi strip leading to Rnwy 17 under const until approx June 23. (6-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
NIXON, BCN SITE 4, ZN-HU-Temp inop. (5-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PERRIN FLD (SHERMAN)-Rnwy 3-21 closed. Acft parked S edge fld.
PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)
••POUNDS FLD (TYLER)-212' twr Texas Pwr & Lgt Co. 3.5 mi SSE (105° true) at lat 32-20-24, long. 95-20-16 erected and obst lgtd. (5-6) Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36,7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. (12-27)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
••RHOME-Circular danger area in vicinity has been discont.
RIO GRANDE VALLEY INTERNATIONAL ARPT (BROWNSVILLE)-RADIO: About June 10, outer mrkr of CAA ILS will be shut down for installation of compass lctr. (6-5) FLD: Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). Six 40' antenna poles 1/4 mi S and 500 yds E of W side fld, lgtd. (6-5)
ROBERT MUELLER ARPT (AUSTIN)-RADIO: About June 15, CAA ILS will be comm serving NW/SE rnwy with approach from SE. Voice equipped lclzr will oper on 109.5 mcs, ident "AUS", transmitter will be lctd 900' NW of NW end of NW/SE rnwy on rnwy centerline extended. Glide path will oper on 332.6 mcs., transmitter lctn 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy. Middle mrkr will be lctd 3636' SE of the SE end of the NW/SE rnwy and 50' SW of the rnwy centerline extended, keying alt dots and dashes; outer mrkr will be lctd 6.12 mi SE of the SE end of the NW/SE rnwy on the rnwy centerline extended, keying two dashes per second. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SATILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued thru Randolph Twr.
★SAN ANTONIO ARPT-ALAMO FLD-RADIO: June 5, ident of the outer compass lctr of CAA ILS changed to "J". Gnd-checked only. FLD: Acft arriving after dark rqrd to have 2-way rdo. (2-27)
SAN BENITO, INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
•SAN MARCOS INT, SITE 31B, JI-FV-Will hereafter be carried under Thompson Fld, Site 31B, JI-FV (San Marcos). See page 124.
SAN MARCOS AAF-Ctn helicopter and liaison pilot training. (10-15)
•SHARY ARPT (MISSION)-ABANDONED
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS) Unlgtd N S rnwy on W side fld rstd to acft of 4500 H.P. or less. Left traffic on all rnwys, entering at 45° downwind leg at 800'. Intermittent glider activity on fld and in vcnty. The 14th annual national soaring meet will be conducted July 4 thru the 20th. Glider activity presently in progress will increase as date of meet approaches. (5-28)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation no housing, messing facs. (3-21)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper

[redacted]: until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana arpt, 0800 to 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true). (4-22)
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)
★WACO-RADIO: Auto. range monitor. sys comm June 3.
**WACO MUN. ARPT-No Navy activity.
WHITE FLD (BRADY)-CLOSED. (8-7)
WHITE ROCK ARPT (DALLAS)-520' twr Rdo Stn KIXL-FM being erected 2.2 mi SW (232° true). (6-9)
WINK-RADIO: About June 17, range will be shut down days for installation of auto. range monitor. sys. (6-3)
WINK ARPT-Rnwy lgts inop. (4-26)
WOLFE CITY ARPT-Use in emerg only. (2-25)
**WORMSER ARPT (LAREDO)-ABANDONED.
[redacted]:BRYCE CANYON-RADIO: 116.1 mc transmitter and rcvr temp inop. Too late for ⓪ symbol.
DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-CLOSED (rough, soft). (5-29)
HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)
HURRICANE ARPT-Soft when wet. (4-3)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. Three 25' poles erected N side of new const on E side fld. (5-29)
PROVO ARPT-NNE/SSW, NW/SE rnwys avail. all acft days. ENE/WSW rnwy closed. Equip. on ends of rnwys intermittently. (5-12)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Prevailing wind rnwy lgts operating ngts. Use rnwys taxiways only-shoulders soft. Right traffic when winds are from S, SE or E.(4-20)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)
[redacted]:BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)
LEMMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)
[redacted]:ALBERTA ARPT-ENE/WSW, NNW/SSE strips rough. Ends and sides mrkd by 12' yellow mrkrs. (5-21)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 2100 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. Model Airplane Meet will be held July 20th between 1000 and 1700. Trans traffic should exercise due ctn. (5-28)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
★ARCOLA-RADIO: VHF voice fac avail. on 116.1 mcs. (6-3)
BLACKSTONE ARPT-Tetrahedron oper erratic and lgts inop. 5'' rise of concrete at seams 24' wide on SW side NW/SE rnwy, 450' SE of intersection NE/SW,NW/SE rnwys, mrkd days only. Obst lgts on structures and poles N side fld inop. (6-5)

[redacted]:**BYRD FLD (RICHMOND)-RADIO: May 30, CAA ILS bndry mrkr decomm. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-3)FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)
**CAPE CHARLES ARPT-Formerly carried as Dixie Holland Fld. Lat 37-16-30, long. 75-59-15. (11-25). See page 96.
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C.; NAS Patuxent River, Md.; NAS Norfolk, Va.; NAS Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla.; Langley Fld, Va.; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)
★DANVILLE-RADIO: Stn manned only 0800 to 2400. MH fac oper cont 2400 to 0800 other hrs on req.
DANVILLE ARPT-Rnwy lgts will be operated by INSAC personnel 0800 to 2400. From 2400 to 0800 lgts will be unattended and rnwy nearest in line with wind direction at 2400 will be lgtd. Grassy plots soft when wet, rough when dry. Use only hard surfaced rnwys and taxi strips. Tetrahedron free swinging. (5-26)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status-no facs). (2-19)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
LANGLEY FLD-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army rng flgt-checked, courses correctly aligned. (5-22) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)
LYNCHBURG-RADIO: Rng flgt-checked May 27, courses correctly aligned.
MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs). (2-19)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF rng on 108.7 mcs shut down for an indefinite period. (5-8)
NORFOLK NAS-EAST FLD-Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo ctc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish ctc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound or N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs ctc Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)
OCEANA NAAS-Facs avail. 0600 to 1630 Mon thru Fri. Acft clearances not accepted at other than designated hrs. Emerg acft clearances accepted any time upon prior notification. (4-8)
ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)
PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landing toward SW (Newport News). Left hand pattern when wind conditions require take-off and landing to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar. (5-19)

[redacted]:PRESTON GLENN ARPT (LYNCHBURG)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-8) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-6)

RICHMOND-Elko Aux Fld 5 mi E of Byrd Fld is similar in design and layout to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.

ROANOKE-RADIO: Rng figt-checked May 26, courses correctly aligned.

SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)

UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)

WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121 9 mcs for mobile gnd traffic. (5-10) FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

[redacted]:SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).

ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E (78° true). Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-25)

**AUBURN ARPT-Correct lat 47-17-45, long 122-11-30. (1-2)

BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings (3-17)

BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft Day traffic controlled by white T center of arpt. N/S rnwy closed-equip S end (5-28)

BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr Acft using dirt strip avoid flying over main rnwy or approaches Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)

BUENA ARPT-Right traffic E take-offs and landings. (3-17)

CLE ELUM ARPT-Right traffic E take-offs and landings. (3-17)

COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings

COUPEVILLE OLF-Closed except in emerg.

FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)

KELSO ARPT, SITE 61A, SF-SA-Equip. on fld. (6-9). These data rcvd too late for ⓪ symbol.

KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)

KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)

[redacted]L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lctd 1 mi N for gas truck or fone Prosser 91114. (5-20)

LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings (3-17)

MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500' X 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)

McCHORD FLD (TACOMA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip will be modified (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)

MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)

NELSON RIDGE, SITE 6, SA-HL-Soon bcn will be dismantled and relctd to lat 47-11-30, long. 121-01-42, 1-1/2 mi SE of present lctn. After relctn bcn will be recomm with no change in char. (5-13)

OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)

PAINE FLD (EVERETT)-Lgts inop. (5-29)

PASCO-See Special Notice (first item under state heading).

PASCO NAS-Use in emerg only (caretaker status - no facs).

PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only (3-17)

PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail lgt acft only. (11-26)

PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)

**R. C. SUGG ARPT (ORCHARDS)-Name changed to Evergreen Fld. (Orchards) See page 142. (3-13) Port lgts prior req.

S & S AIRSTRIP (PUYALLUP)-Right traffis S takeoffs and landings. (3-17)

SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly (9-14)

SEATTLE NAS-Single-engine acft approach from Kirkland 1500' descending to 1000' over the stn. Seaplanes approach over Lake Washington from N or S under 200'; landing area lgtd on req between sunset and sunrise. Rnwy 14-32 lgtd 30 minutes prior to arvls and dptrs between sunset and sunrise and on req. Tetrahedron lgtd sunset to sunrise. (5-27)

**SEATTLE SKY RANCH ARPT (ISSAQUAH)-Ctc and range lgts avail. prior req. (5-28) See page 142.

**SEATTLE-TACOMA ARPT-RADIO: Outer mrkr of CAA ILS unmonitored. (6-5) FLD: Glide path bldg and antenna mast, erected and obst lgtd 400' W of N/S rnwy and 1150' from the S end thereof. (5-22) Equip. on fld days. (5-22)

SKY RANCH ARPT (COLLEGE PLACE)-Equip. N end fld days. Use only grass strip S side fld. (5-6)

SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only. (5-20)

SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)

TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)

WALLA WALLA AAF-RADIO: Army twr will be discont soon. VHF DF stn will be relctd to Spokane AAF in near future. (6-9) These data rcvd too late for ⓪ symbol. FLD: No opers office. Equip. on fld days Mon thru Fri. (3-24)

WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)

WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)

WILBUR ARPT-Taxiway const W side of strip. (4-25)

[redacted]:ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)

LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)

HUNTINGTON ARPT-305' twr Rdo Stn WHTN being erected 2.1 mi SSE. (5-21)

SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)

WHEELING-RADIO: Ctn - VHF rng unmonitored. (4-9)

WISCONSIN:CLINTONVILLE ARPT-Six sod strips avail. (4-22)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (5-23)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-22)
EAU CLAIRE MUN. ARPT-Ctn, equip. on rnwys and fld area. (4-23)
GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. Obst lgt atop 95' chimney SW corner fld inop. Rdo rcvr req for all lcly based acft. E/W rnwy closed until approx June 28-avail. taxiing only. (5-13)
GINNOW ARPT (OMRO)-Use strips only. (4-1)
LA CROSSE ARPT-Use rnwys only. (5-23)
MERRILL ARPT-Closed to heavy acft, soft. Lgt planes use at own risk. Use rnwys only. (3-23)
MOREY ARPT (MADISON)-Use strips only. (5-19)
OCONTO FALLS ARPT-Use strips only. (3-26)
**RICHLAND FLYING CLUB INC (SEXTONVILLE)-Correct lat 43-17-00, long 90-17-30. Formerly carried as Richland center Arpt., Richmond, Wisc. See page 30. Equip. on fld. (5-5)
SHAWANO ARPT-Soft-land at own risk. (3-13)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)
STEVENS POINT ARPT-Use rnwys only. (5-23)
TOMAH ARPT-N/S strip under const. (5-19)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset.

WISCONSIN:WAUPUN ARPT, new-New arpt under const 2 mi WSW Waupun. Closed to trans acft. (3-15)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)
WYOMING:ARCHER-RADIO: FM on E course of Cheyenne range will be decomm about May 29.
CHEYENNE-RADIO: About June 12, the Hillsdale VHF bone shaped FM will be comm at lat 41-09-30, long. 104-31-30, 16.2 mi E of Cheyenne low freq range. Ident. one dash.
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag. heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alternate dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident. "X". Outer compass lctr on 260 kcs. Ident. "C". (5-23)
CHEYENNE ARPT-Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
JACKSON MUN. ARPT-Cattle on fld intmtly. (5-20)
RAWLINS ARPT-Equip. on rnwys. (4-17)
SHERIDAN-RADIO: 116.1 mc transmitting and rcvg facs inop. (6-9). These data rcvd too late for (O) symbol.
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)
WORLAND ARPT-Strips under const. Equip. on strips days. Use with ctn. (5-21)

NEW AIRPORTS

(These facilities will be found on both the data page and chart)

FACILITY	LAT.	LONG.	PAGE
ALABAMA			
Alatennga (Bridgeport)	34-59-00	85-44-30	90
Headland	31-21-45	85-18-45	130
Jackson (Livingston)	32-35-45	88-11-15	114
Tri Cities (Tuscumbia)	34-43-00	87-42-30	90
Valley (Lanett)	32-50-45	85-09-45	116
Winfield Mun	33-54-30	87-49-15	114
ARIZONA			
Ajo	32-26-30	112-50-00	100
Peach Springs	35-32-30	113-25-00	78
Pine	34-22-30	111-27-15	80
Wickenburg(Wickenburg)	34-00-00	112-45-00	78
Winona	35-08-45	111-16-15	80
ARKANSAS			
De Queen	34-03-45	94-23-00	108
Heber Springs	35-30-30	92-01-45	88
CALIFORNIA			
Boulder Creek	37-09-05	122-10-00	72
Calpine	39-39-15	120-28-00	20
CONNECTICUT			
Ansonia	41-20-45	73-03	54
Island (Shelton)	41-18-00	73-04-15	54
FLORIDA			
Belvedere Country Club (West Palm Beach)	26-41-45	80-05-30	136
Groveland	28-32-00	81-50-30	134
Howey(Howey in the Hills)	28-42-15	81-46-00	134
Hurst (Live Oak)	30-16-30	83-01-00	132
Hutchinson's Aviation Port (Panama City)	30-12	85-49	130
Sandpiper (Port St. Joe)	29-48-30	85-16-45	130
Silver Springs Aero Lodge (Silver Springs)	29-13-00	82-03-30	132
South Fla. (Ft. Lauderdale)	26-02-45	80-13-30	136
Spruce Creek (Samsula)	29-04-30	81-02-00	134
Tarpon Springs	28-08-45	82-47-15	134
Tropicaire (Miami)	25-54-30	80-12-30	136
Winter Garden	28-35-00	81-33-30	134
GEORGIA			
Brunswick Arpk	31-11-15	81-28-45	132
Glennville	31-55-20	81-57-30	118
Jesup	31-38-00	81-51-30	132
Sky Haven, Inc (Albany)	31-33-20	84-10-21	132
IDAHO			
New Meadows	44-58-45	116-17-00	4
ILLINOIS			
Lincoln Flying Svc.	40-09-15	89-23-45	40,44
Pona	39-23-00	89-02-00	40
Sharon (Fremont)	40-31-00	89-28-45	40,44
Virden	39-29-30	89-47-15	40
INDIANA			
Boswell	40-32	87-23	44,46
Crays Fly. Svc.(Bloomfld)	39-02	87-01	58
Elnora	38-52-30	87-04-30	44,46
Fair Acres Arpt(Buck Crk)	40-29	86-45	44,46
Hartford City	40-27-30	85-24-00	46
Jackson (Francesville)	40-57-30	86-58-00	44,46
Kentland Air Service (Goodland)	40-47-30	87-21-45	44,46
Lanesville	38-13-00	86-00-45	58
Lincoln (Dora)	40-45-15	85-41-15	46
Liniger (Preble)	40-49-45	84-59-30	46
Mentone	41-09-00	86-03-30	46
Patoka	38-24-30	87-36-30	58
Riverview(Jeffersonville)	38-18-30	85-41-00	58
Riverview (Utica)	38-18-15	85-41-00	58
Sky Park (Corydon)	38-13-30	86-08-15	58
Skyway (Gary)	41-35-15	87-25-00	42
KANSAS			
Augusta	37-41-45	96-58-00	84
Bucklin	37-32-45	99-38-45	84
Cedar Vale	37-07-00	96-31-15	84
Country Club (Stanley)	38-52-00	94-38-00	42
Elk County (Moline)	37-22-45	96-16-00	84
Elkhart	37-00-00	101-53-00	82
Firebaugh (St. John)	38-01-30	98-45-15	84
Hap (Hugoton)	37-10-15	101-22-00	82
Hi-Way (Kingman)	37-39-15	98-09-30	84
Protection	37-12-00	99-28-45	84
Stanley Co.Club(Stanley)	38-52-15	94-38-00	42
KENTUCKY			
Betzel (Lebanon)	37-51-15	85-44-45	58
Harlan (Dillon)	36-54-45	83-12-15	92
Paintsville	37-49-45	82-46-00	60
Port Richmond(Richmond)	37-44-45	84-12-45	60
Prestonburg	37-42-30	82-45-30	60
Ross (Melbourne)	39-01-45	84-20-30	60
LOUISIANA			
Arneson (Quebec)	32-26-15	91-18-45	112
Johnson (Logansport)	31-59-00	93-59-15	112
Kentwood	30-57-15	90-30-30	128
Monroe Arpk	32-31-30	92-06-45	112
Pravado (Slidell)	30-17-00	89-47-45	128
MAINE			
Northland (Presque Isle)	46-45-30	67-59-30	17
MARYLAND			
Aberdeen Arpk	39-30-15	76-10-30	66
Annapolis Inc.	38-57-00	76-29-15	66
Davis (Gaithersburg)	39-14-45	77-09-00	66
Mattaponi Sky Club(Croom)	38-44-15	76-44-45	66
Midway Arpk (Showell)	38-23-30	75-11-45	66

NEW AIRPORTS

(These facilities will be found on both the data page and chart)

JUNE 10,1947

FACILITY	LAT.	LONG.	PAGE
MASSACHUSETTS			
Clark (Hanover)	42-06-15	70-52-00	56
MICHIGAN			
Muzzy's (L'Anse)	46-43-15	88-26-00	16
Romeo	42-47-45	82-58-15	32
Tulip City (Graafschap)	42-44-45	86-06-30	30,32
Utica	42-38-30	83-05-00	32
Wings (St. Johns)	42-58-30	84-36-00	32
MINNESOTA			
Springfield	44-14-00	94-59-00	13
MISSISSIPPI			
Baldwyn	34-30-45	88-37-15	90
Crystal Springs	31-58-45	90-21-00	112
Longview (Warrenton)	32-14-30	90-55-30	112
Jones (Merigold)	33-51-00	90-43-15	112
McCain (Benoit)	33-39-45	91-00-15	112
Sayle (Charleston)	34-00-15	90-06-45	114
Watts (Rochdale)	34-05-45	90-51-00	112
MISSOURI			
Montgomery (Kahoka)	40-25-30	91-42-45	40
Myers-Hughs (Lucerne)	40-27-30	93-17-15	40
NEBRASKA			
Geneva Fly.Svc.(Geneva)	40-30-30	97-36-30	36
Harmon (Kearney)	40-43-00	99-06-00	36
Heller Air Ranch(Wisner)	41-55-30	96-57-30	36
Roush (Grand Island)	40-54-00	98-20-00	36
Superior Mun (Superior)	40-03-00	98-03-45	36
NEW HAMPSHIRE			
Franklin Airways Inc.	43-25-30	71-39-30	56
Riverside (Ashland)	43-44-30	71-40-15	56
Silver Ranch(E. Jaffrey)	42-48-30	72-00-30	54
NEW JERSEY			
Forsgate (Jamesburg)	40-20-30	74-27-45	70
Mahalchik (Columbus)	40-02-00	74-43-45	70
Mid-Jersey(New Brunswick)	40-28-45	74-29-45	70
Ridgewood Air Club	40-57-45	74-06-00	70
Star Harbor (Williamstown)	39-41-00	74-59-30	70
Trenton-Robbinsville (Robbinsville)	40-12-30	74-36-15	70
Vineland	39-25-45	75-02-45	66
NEW MEXICO			
Cooper (Deming)	32-13-45	107-45-15	104
Estancia	34-46-45	106-03-45	82
Grants Landing Strip	35-09-15	107-53-30	80
Kuykendall (Lordsburg)	32-21-30	108-42-45	104
Longhorn (Moriarty)	35-00-00	105-54-00	82
Mundy (Hatch)	32-38-30	107-03-30	104
Vallejo Ranch **(Springer)**	36-21-15	104-50-30	82
NEW YORK			
Duanesburg	42-45-30	74-08-00	54
Gardiner	41-40-30	74-09-15	54
Kline-Kill (Ghent)	42-21-00	73-38-15	54
New Sayville (Sayville)	40-45-45	73-04-30	70
Rattlesnake (Shiprock)	36-45-45	108-48-00	80
NORTH CAROLINA			
Albermarle	35-22-15	80-13-15	94
Ayden	35-27-45	77-25-30	96
Bladenboro	34-32-45	78-46-30	94
Creswell	35-52-30	76-23-45	96
Dowless (Abbottsburg)	34-31-15	78-43-45	94
Mt. Holly	35-19-00	81-03-15	92
Rendezvous (Jonesville)	36-14-00	80-49-45	92,94
Riverside Arpk(Morganton)	35-44-30	81-43-30	92
Smith's (Coats)	35-25-30	78-40-15	94
Winterville	35-31-30	77-23-30	96
Woodville	36-14-00	76-21-00	96
NORTH DAKOTA			
Conrad Bros.(Page)	47-09-45	97-29-00	12
Selfridge	46-01-00	100-57-30	9
Walkinshaw (Argusville)	47-04-00	97-02-00	12
OHIO			
Ada	40-47-15	83-49-45	46
Austintown	41-05-15	80-45-15	50
Bluffton Fly Svc.(Bluffton)	40-53-00	83-51-45	46
Bryan	41-31-00	84-33-00	46
Calvin (North Lima)	40-58-15	80-42-15	50
Continental	41-04-00	84-16-15	46
Elser (North Lima)	40-57-30	80-40-30	50
Lake Milton	41-06-00	80-58-15	50
Newton Falls	41-10-15	81-00-00	48
Stout (N. Kingsville)	41-54-30	80-40-00	50
Short's (Archbold)	41-31-30	84-19-45	46
Southern Awys (Woodworth)	41-01-00	80-41-00	50
Tuttle (North Madison)	41-49-30	81-05-00	48
Welsh Fly.Svc. (North Lima)	40-54-45	80-39-15	50
Whiteley (Alliance)	40-54-15	81-04-00	48
OREGON			
Division Street(Gresham)	45-30-15	122-28-30	142
Skylife (Fairview)	45-32-30	122-31-15	142
Springfield	44-03-00	122-59-30	1
SOUTH CAROLINA			
Bishopville	34-14-45	80-14-30	118
Bratton (Chester)	34-41-30	81-11-45	92
Mack Lamar (Clio)	34-36-00	79-31-00	94
SOUTH DAKOTA			
Deiter (Redfield)	44-52-45	98-23-30	12
TENNESSEE			
Churchill	36-31-00	82-42-00	92
Clinton-Oak Ridge(Clinton)	36-02-30	84-07-15	92
Copperhill-Ducktown (Copperhill)	35-00-45	84-21-00	92
Grey (Athens)	35-29-00	84-35-30	92
La Follette (Jacksboro)	36-20-30	84-09-30	92
Loudon	35-43-45	84-22-30	92
Mc Coig (Newport)	35-58-00	83-16-30	92
Pemberton (Glenmary)	36-19-00	84-37-00	92
Waterlevel (Cleveland)	35-08-30	84-49-15	92
White Pine	36-06-15	83-17-00	92
TEXAS			
Aero-Tel (Austin)	30-22-45	97-43-45	124
Costello Isl (Graford)	32-54-00	98-27-30	106,120
Crowell	33-58-45	99-42-45	106
Decatur	33-15-30	97-35-00	108
Eagle (Fairfield)	31-43-45	96-08-15	108
TEXAS			
Faust (New Braunfels)	29-43-30	98-05-15	124
Gillespie (Fredericksburg)	30-14-30	98-54-45	124
Irving Arpk	32-50-00	96-56-00	108
McCombs #1 (Pine Springs)	31-58-00	104-44-00	104,120
McCombs #2 (Pine Springs)	31-58-30	104-40-40	104,120
Marshall's (Dallas)	32-44-15	96-41-15	108
Mayan Ranch (Bandera)	29-43-15	99-05-15	124
Memphis Mun	34-44-15	100-31-30	84
Montague's Ranch (Bandera)	29-45-45	99-07-00	124
Pulley (Arlington)	32-45-00	97-06-30	108
Rodeo City (Jacksboro)	33-16-45	98-08-45	108
St. Edwards (Austin)	30-12-45	97-44-45	124
Saint Jo	33-42-30	97-31-15	108
Skyview (Ft. Worth)	32-51-15	97-25-45	108
Snyder	32-42-00	100-55-00	106,120
Southworth (Ft. Worth)	32-42-15	97-17-00	108
Stanton	32-09-15	101-47-45	106,120
Thalmann's Ranch(Bandera)	29-46-20	99-08-30	124
Vernon	34-07-30	99-16-30	106
West End (Kerrville)	30-03-45	99-10-00	124
VERMONT			
Lemington-Colbrook (Lemington)	44-54-30	71-30-45	17
Post Mills (Thetford)	43-53-00	72-15-15	54
VIRGINIA			
Chatham-Gretna(Chatham)	36-52-15	79-17-30	94
Culpeper	38-27-45	78-01-00	64
Elkton	38-26-30	78-39-30	64
Luray	38-38-30	78-27-45	64
New Market-Timberville (Timberville)	38-39-15	78-42-30	64
Norview (Norfolk)	36-54-15	76-14-45	96
Parnell (Richmond)	37-30-15	77-27-15	66
Peanut City (Suffolk)	36-46-00	76-35-30	96
Pennington (Brodnax)	36-43-00	78-03-00	96
Portsmouth	36-47-15	76-26-45	96
Roosevelt (Portsmouth)	36-49-15	76-23-15	96
Thalia (Virginia Beach)	36-51-15	76-07-15	96
Waynesboro	38-04-30	78-56-00	66
WASHINGTON			
Ocean Park Sky Port (Klipsan Beach)	46-27-15	124-03-00	1
WISCONSIN			
Berlin	43-58-15	89-00-30	16,30
Boscobel	43-09-30	90-40-45	29
Castle Rock (Wonewoc)	43-40-00	90-13-45	30
Coloma	44-03-30	89-33-45	16,30
Lancaster Fly.Svc.	42-51-15	90-40-45	29
Mauston (Lemonweir)	43-46-00	90-02-45	29
Owen	44-57-45	90-33-15	13,30
Platte (Platteville)	42-43-30	90-25-00	30
Shell Lake Mun	45-44-00	91-54-45	13
Thorp	44-56-30	90-48-30	13
Thorp City Arpt	44-57-15	90-47-30	13
Tucker Fly.Svc. (New Lisbon)	43-53-45	90-10-30	30

JUNE 10,1947

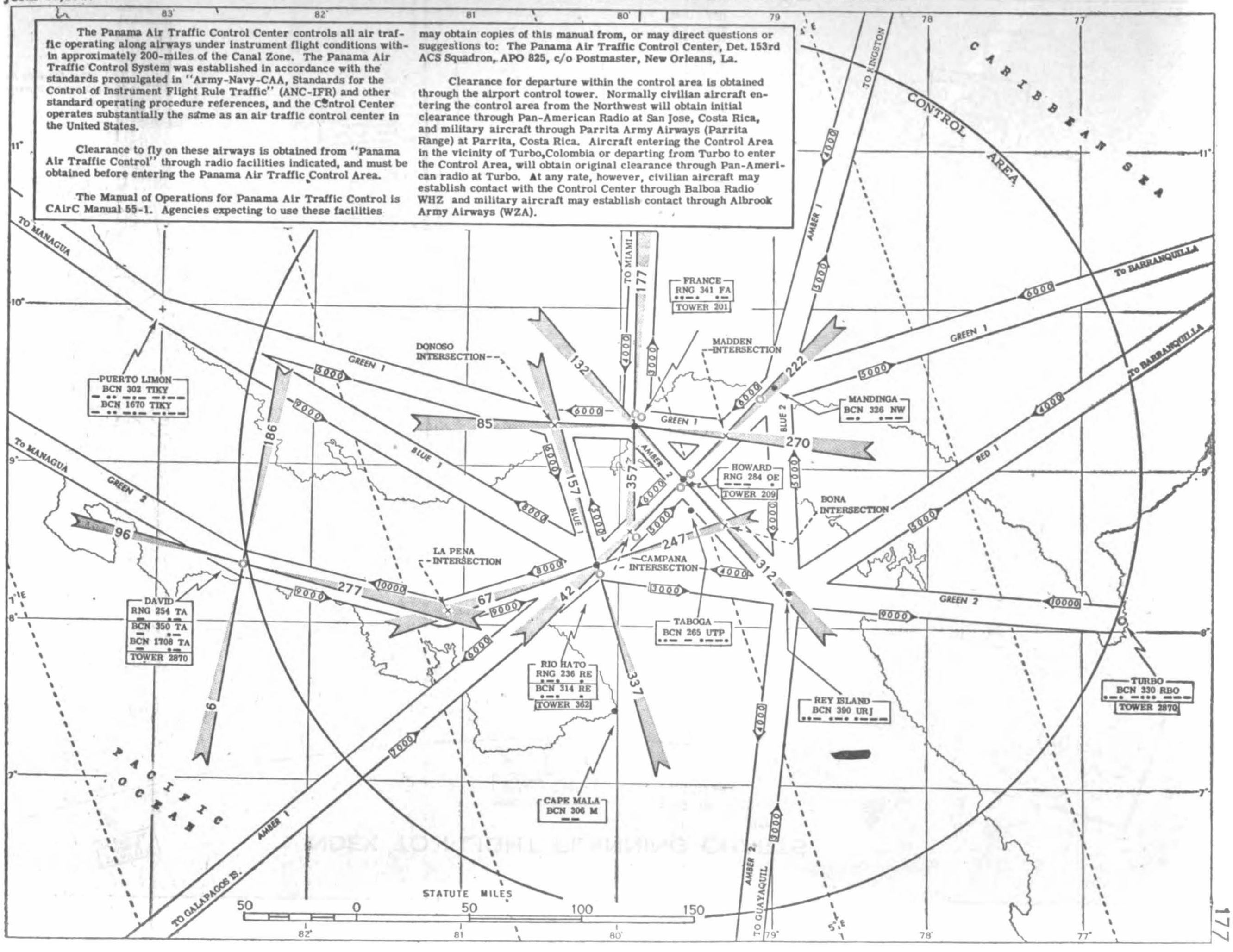
PANAMA AIRWAY TRAFFIC CONTROL AREA

The Panama Air Traffic Control Center controls all air traffic operating along airways under instrument flight conditions within approximately 200-miles of the Canal Zone. The Panama Air Traffic Control System was established in accordance with the standards promulgated in "Army-Navy-CAA, Standards for the Control of Instrument Flight Rule Traffic" (ANC-IFR) and other standard operating procedure references, and the Control Center operates substantially the same as an air traffic control center in the United States.

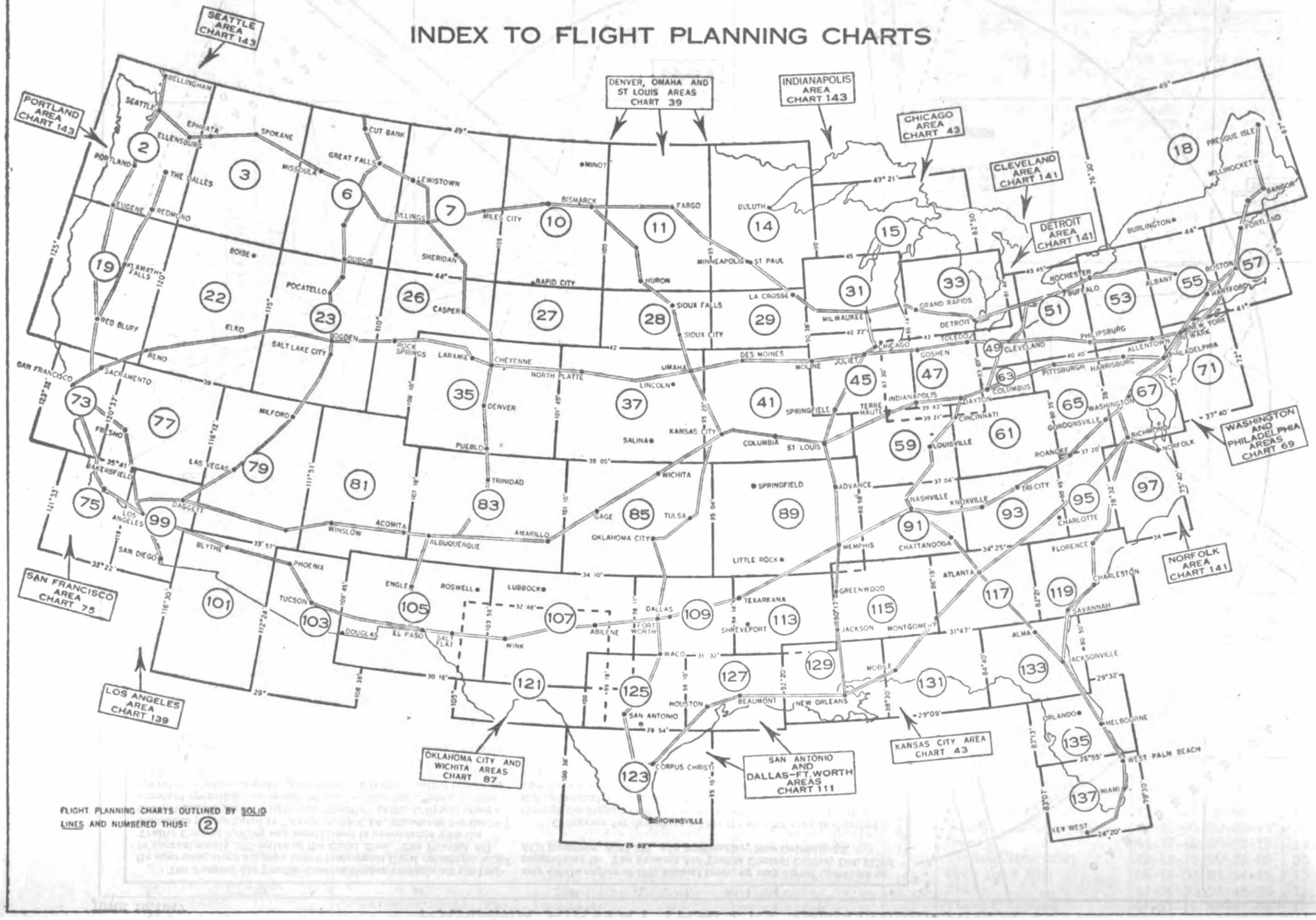
Clearance to fly on these airways is obtained from "Panama Air Traffic Control" through radio facilities indicated, and must be obtained before entering the Panama Air Traffic Control Area.

The Manual of Operations for Panama Air Traffic Control is CAirC Manual 55-1. Agencies expecting to use these facilities may obtain copies of this manual from, or may direct questions or suggestions to: The Panama Air Traffic Control Center, Det. 153rd ACS Squadron, APO 825, c/o Postmaster, New Orleans, La.

Clearance for departure within the control area is obtained through the airport control tower. Normally civilian aircraft entering the control area from the Northwest will obtain initial clearance through Pan-American Radio at San Jose, Costa Rica, and military aircraft through Parrita Army Airways (Parrita Range) at Parrita, Costa Rica. Aircraft entering the Control Area in the vicinity of Turbo, Colombia or departing from Turbo to enter the Control Area, will obtain original clearance through Pan-American radio at Turbo. At any rate, however, civilian aircraft may establish contact with the Control Center through Balboa Radio WHZ and military aircraft may establish contact through Albrook Army Airways (WZA).



INDEX TO FLIGHT PLANNING CHARTS



RECEIVED
SEP 18 1947
O. S. U. LIBRARY

AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 7 ..... JUNE 24, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI
AIR NAVIGATION RADIO AIDS AND AIRPORT DATA, LEGEND ..... XII - XIII
FLIGHT PLANNING CHARTS AND DATA PAGES ..... 1 - 143
V.H.F. RANGE CHARTS ..... 144 - 147
AIRWAY MILEAGES 148
NOTICES TO AIRMEN 149

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES, RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE

HOW TO USE THE AIRMAN'S GUIDE

PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPERIMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESES AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

[redacted]
Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer.Durham(115)
Birmingham R,T (115)
"Central Park (115)
"Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton.Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (61)
" Pryor (91)
Demopolis (115)
Dothan A,R, (131)
Dothan
" Napier (131)
"Southern Airmotive (131)
Eden FM (115,117)
Elberta.Kaiser's Tract (131)
Elmore (115)
Enterprise (131)
Eufaula.Weedon (117)
Eutaw (115)
Evergreen.Middleton (131)
Faircloth (131)
Fayette Mun. (115)
Flomaton (131)
Foley.Barin (131)
Foley, Canal (131)
" Magnolia (131)
Ft.Payne.Davenport(91)
" DeSoto Park (91)
" Flying Service (91)
Gadsden (117)
" Goodyear (117)
" Gulfsteel (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville.Lakeman(115)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson.McKee (131)
Jasper.Walker Co.(115)
Josephine.Wolf (131)
Kaisers Tract (131)
Lillian.Faircloth(131)
Luverne (131)
Magnolia (131)
Maxwell R,T, (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile.Davis (131)
Montgomery
" Allenport (117)
" Dannelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
" Norman Bridge(117)
Muscle Shoals A,R,(91)
Ozark (131)
Prattsville.Deatsville Aux. (115)
Prichard,Chastain's(131)
Robertsdale (131)
Scottsboro
" Flying Service (91)
" N. Sauty Base (91)
Selma
" Autaugaville (115)
" Craig R,T (115)
" Dallas (115)
" Selma-Selfield(115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuskegee (117)
" Moton (117)
Wolf (131)
[redacted]
Ajo (101)
Amado.Kinsley Ranch
Ashfork (79) (103)
Bisbee (103)
Bowie (103,105)
Cactus.N.Phoenix(103)
Cameron (81)
Casa Grande
" Three Point (103)
Chandler.Williams T (103)
Clifton-Morenci (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
Datelan (101)
Davis Monthan T (103)
Deep Lake (81)
Douglas (103.105)
" Forrest #2 (103,105)
" International(103.105)
" McNeal #1 (103,105)
Duncan (103.105)
Flagstaff.Koch (81)
Florence (103)
Forest #2 (103.105)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #5 (101)
" #6 (101)
Globe, Cutter (103)

NEW FACILITIES: Foley, Ala., Oak(131) Dewey-Humboldt, Ariz.(79) Gilbert, Ariz.(103) Oneonta, Ala., Moody(91) Russellville, Ala, Wood-Dearing (01) Bridgeport, Ala., Alatenaga (91) Lanett, Ala., Valley (117) Livingston, Ala., Jackson (115) Tuscumbia, Ala., Tri Cities (91) Camp Verde, Ariz.(81) Glendale, Ariz., Gram(103) Winfield, Ala.(115)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park(103)(101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A,FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales,Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" **Luke** (103)
" Paradise (103)
" Sky **Harbor** T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" **Ernest** A.Love **(79)**
Quartzsite (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Mun. (103,105)
Sahuarita Flgt Strip(103)
St. Johns (81)
Salome (101)
" **Int. (101)**
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-MonthanT(103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" **Wagon Wheels Ranch (103)**
Vail FM (103)
Valle (79)
Wellton (101)

White River
" **Fort Apache (103)**
Wickenburg Mun (101)
" **Sky Ranch (101)**
Willcox
" **Cochise Co. (103)**
Williams (79)
" **AAF T (103)**

Winslow A, **R (81)**
Yucca (79)
Yuma,Co. (101)

Yuma, Marsh (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville A,R (89)

Brinkley (89)
Bruins FM (89)
Cabot, Baily (89)
Calico Rock,Copp (89)
Camden,Grayson(113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant,Overhold (89)
Crossett,Ashley Co. (113)

DeWitt,Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Springs (89)

Fayetteville (89)
Flippin,John's Airpk(89)
Forrest City (89)
Fort **Smith** (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs,Memorial (89)

Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern,Harlas (89)
Manila (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)
Ola, Norman (89)
Ozark,Whitman (89)
Palmer,Gilbrech (89)
Paris (89)
Pine Bluff R (89)
"Grider (89)
" Toney (89)

Prescott A,FM (113)

Rogers (89)

Round Pond (89)
Russellville,Ark.Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart A,R (89)

" Dockery (89)
" Hazen (89)

Texarkana A, R (113)

Walcott #3 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis,Bowen (89)
" Levee (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Flgt Strip (19)
Anderson,Pinnegar (19)
Antioch (75)
Arcata H,R (19)
Armitage (77)
Artesia,Cranford(139)
Auburn FM, A(73)

Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake,Wishon,USFS
Bay Point FM (73) (77)
Beckwourth,Plumas(19)
Bellflower (139)
Belmont A, FM (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, (19)
" Int. (19)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros.(101)
Bridgeport,Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term. Calexico (101) T (139)
Callahan FM (19)
Camarillo,Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castaic FM (99,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth H,FM

Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg,Borges-Clarksburg (73)
Clarks Dry Lake(99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Baldwin (77)
Corning (19)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (73)
Covelo,Round Valley(19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City,Hughes(139)
Daggett A, R (99)
Davis,State Forestry
" University(73) (73)
"Winters Flgt Strip(73)
Death Valley Junction
" Amargosa (77)
Delano-Kern Co. (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba,Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos
" Eagle (73)
Downey FMH,FM (99,139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (19)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido,Engel (99)
Estrella (75)
Eureka A, FM (19)
"Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
" Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch(19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)

Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler(77)
" Fresno-Skylark (77)
" Furlong (Co.Club)(77)
" Hammer (77)
Fullerton (139)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)

Glendale H (139)
" Grand Central T(139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A,FM(73)
Hamilton H,T (73) (75)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch(73)
Helendale (99)

Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A,FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit(101)
Inyokern, ArmitageT(77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport,Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Here-ford Ranch (19)
Lebec FM (75,139)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey,Colburn (77)
Little River
" Mendocino (19)
Livermore OLF (75)
" Sky Ranch (75)
Lodi (73)
" Lind's (73)
" Lodi Arpk (73)
Lomita(139)

Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R,T(99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R,T(99,139)
"Culver City (139)

" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake,Hoberg(73)
McClellan T (73)
McCloud,Ash Creek(19)
Madera (77)
Manteca,Summer Home (73)
Manzanar,Inyo Co.(77)
March T (99)
Maricopa,Cuyama(75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca,Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar,MCAS T (99)
" OLF (99)
Modesto (73)
Moffett T (75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill,Valley(73)
Mountain View (75)
" NAS (Moffett)R,T(75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark H, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk.(139)
Oakland R, T (73,75)
Oceanside H,FM (99)
" Camp Pendleton(99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai,Henderson (75)
Olancha,Adamson (77)
" Monache Meadows (77)
" Templeton Meadow
" Tunnel (77) (77)
Ontario T (139)

Oroville (19)
Otay NAAS,Brown (99)
" Wolfe's Arpk (99)
Oxnard Flgt Strip (75)
" Ventura Co. (75)
Palisades (139)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A,R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)
Puente Sky Ranch(139)
Quincy,Sky Harbor(19)
Ramona (99)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" GreatWestern (77)
Rialto,Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)

Rosamond,Barnes (99)
" Liberty (99)
Rosedale (99)
Sacramento R,T (73)
" Branstetter (73)

" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)

Salton Sea (99,101,
" Borego Hotel (101)
" Clark's Dry Lake(99)
" Ocotillo (101) 101
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T (99)
" Pelk (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T(73,75)
" Gap H (75) 75)

San Jacinto,Harmon(99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley
San Mateo (75) (99)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro,Terminal Island T (139)
San Rafael
" Hamilton H, T (73)
" Marin Co.Inc.(73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co.(139) (139)
Santa Barbara R,T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez,Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)
Sausalito FM (73,75)
Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora,Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford,Newton (77)
Strathmore,Trauger(77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co.(75,77)
" Taft-Kern Co.Aux.(75,
" Taft-Kern Co. 77)
#2 (75,77)
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona A, R (77,99)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp.
Turlock (73) (77)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)

Vallejo Sky Harbor(73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)

Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (19)
Westhaven

Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co.(19)
Winters Flgt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville,Vossler (77)
Yermo, Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City,Fremont Co. (35)
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35,39)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (26,35)
Creede (83)
Dacona FM (35,39)
Delta,Starr Nelson
Denver R(35,39) (81,35)
" Buckley T (39)
" Civil Air Patrol (39)
" Combs (39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont,Rutledge (39)
Durango (81)
" City County (81)

Eads (35)
Eagle A, R (26,35)
Englewood (39)
Estes Park (26,35)
Fairplay,Teter (26,35)
Flagler (39,35)
Fort Collins (26,35)
Fort Morgan,Young (35)
Fountain FM (35,39)
Franktown FM (35,39)
Glenwood Spgs (26,35)
Golden,Creighton (39)
Granby (26,35)
Grand Junction R **(26)**
" Walker (26)
Greeley,Crosier **(39)**
Gunnison
" Meeker **Ranch (35)**
Henderson **FM (35,39)**
Holly, Romer **(83)**
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post **(35)**
La Junta R (35)
" AAF (83)
" Arlington #4 **(35)**
" **Brid**ges (83)
" **Las** Animas **(83)**
" **Rock**y Ford **(35)**
Lamar (83)
Las Animas **(83)**

Limon, Stake's **Prairie** Port (35)
Lindon, Roderick **(35)**
Longmont (39)
Lowry T (39)
Mancos (81)
Meeker (26,35)
Mesita,Costilla **Co.(83)**
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB **(35)**
Rangely
"Rangely Heights **(26)**
Rifle (26,35)
Rocky Ford (35)
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff,Valley **(35)**
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (26,35)
Walsh, Griffin (83)
Watkins FM (35,39)
" East Colfax (39)
Westcliffe,Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (55)
Bristol
" Stephenson (55)

NEW FACILITIES: Gourdon, Ark.(113) Warren, Ark.,Griffin(113) Parkin, Ark.,Lessenberry(89) Cameron, Ariz.,Marble Canyon (81) Monticello, Ark.(113) Clinton, Ark.,Patton(89) Selma, Calif.,Palomino(77) Montrose,Colo.,new (35,81)
San Rafael,Calif.,San Francisco Bay (75) Benecia, Calif.,Southampton Bay Air Harbor (73) Arcata,Calif.,Redwood T (19) Mt. Ida, Ark.,Toloson (89) Westwood, Calif.(19) Tuscon, Ariz.,Mission(103) Scotia,Calif.(19)
Kremmling, Colo.(35) Seligman,Ariz.(78) Almyra, Ark.,Prairieville(89) Batesville,Ark.(89) Paragould,Ark.,Alexander(89) Arkansas City,Ark.(113) Bieber, Calif.(19) Hamburg, Ark., Carpenter (113)
Centerville, Calif., Center (75) Fair Oaks, Calif.,Sky Nook (73) Gilroy, Calif.(73)Golden, Colo. FM (35,39)Beebe,Ark. Addington(89) Mesa,Ariz.,Oasis(103) Payson,Ariz. (81)Peach Springs,Ariz. (75) South Phoenix,Ariz.(1)
Taylor,Ariz.,Taylor-Snowflake (81) Wickenburg,Ariz.(101) Winona,Ariz.(81) Arkansas City,Ark.(113) De Queen,Ark.(109)Calpine,Calif.(19)Ansonia,Conn.(55)Springerville,Ariz.,Springerville-Eager (81,105)
JUNE 24,1947 St.Michaels,Ariz.,Window Rock (81)Chino,Calif.,Cal-Aero (139)Hereford, Ariz.,Nicksville(103) Hereford,Ariz.,Y-Lightning(103)Pine, Ariz.(81) Tuscon,Ariz.,Desert Skylodge(103) Almyra,Ark.,Prairieville(89)
Carlisle,Ark.,Aux.(89) Heber Springs,Ark.(89)Adelanto,Calif.,El Mirage(99) Boulder Creek,Calif.(73) Fillmore,Calif.(139) Ft. Bragg,Calif.,White(19) Fortuna,Calif.(19)Garberville,Calif.(19)Rialto,Calif.,Miro-Fontana(99)
Santa Paula,Calif.,Harvey(75)Solemint,Calif.,6 S Ranch(139) Sunset Beach,Calif.(139) Three Rivers,Calif.(77) Weed,Calif.,Jackson Ranch(19) Westminister,Calif.,Cypress(139) Alamosa,Colo.,Kramer(83)

Canaan (55)

Danbury (55)
East Hartford
" Rentschler T (55)
Essex, Deane (55)
Groton, Trumbull (55)
Hartford R (55)
" Brainard T (55)
Madison
" Hammonasset (55)
Meriden FM, T (55)
Milford (55)
Monroe (55)
Moosup FM (57)
New Haven (55)
Plainfield (57)
Plymouth
" Waterbury (55)
Putnam (57)
Salem (55)
Shelton, Island (55)
Simsbury (55)
Somers, Kinsley (55)
Stonington (57)
Southington (55)
Wallingford
" Lufbery (55)
Waterford (55)
Watertown (55)
West Haven (55)
Windham (55)
Windsor Locks
" Bradley T (55)

[redacted]

Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sunglo (67)
Frankford, Sussex (67)
Georgetown, Sussex Co.
Harrington (67) (67)
Laurel (67)
" Holly Brook (67)
Lewes, De Vries (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
Rehoboth Beach
" Rehoboth Acfters(67)
Seaford, DuPont (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T(67)

DISTRICT OF [redacted]

Washington R (67,69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)

FLORIDA

Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)
" Carlstrom (135)
" Dorr (135)
Avon Park (135)
" AAF (135)
Bagdad (131)
Banana River R (135)
" NAS T (135)
Bartow (135)
Bascom (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133,135)
Carabelle Flgt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Conners (135)
Crestview A,R (131)
Cross City A, R (133)
Daytona Beach A, R(133, 135)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dunnellon (135)
Eglin R, T (131)
Ellenton (135)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)
Ft. George Isl. FM (133)
Fort Lauderdale FM, A
" Davie (137) (137)
" NAS (137)
Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (135)
" (mun.) (135)
Gainesville (133)
" Stengel (133)
Green Cove Spgs
" Lee OLF(133)
Haines City (135)
Hawthorne (133)
Helm (131)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead (137)
" Mun. (137)
Immokalee Arfld (Aux.) (137)
" Int. (137)
Jacksonville R,(133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)
Jacksonville
" Flemings Isl.(133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland, Drane(135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center(135)
" Gray's (135)
Live Oak FM(131,133)
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)
" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A,R,(135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center(137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka)(137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM(137)
Middleburg (133)
Milton (131)
" Whiting NAS (N.) R, T (131)
" Whiting NAS (S.)(131)
" Santa Rosa (131)
Minneola, Kerlin(135)
Molino FM (131)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor(133,135)
Okeechobee, Connors
Orange City(135) (135)
Orlando R (135)
" AAB(Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin(133)
Palatka, Sawyer(133)
Panama City (131)
" City Arpk (131)
" Skyland (131)
" Tyndall R,T (131)
Pensacola A,R, (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk(131)
" NAS(Chevalier)T(131)
" Corry (E.&W. Flds) T(131)
" OLF #1(131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial(133, 135)
Pinecastle(135)
Plant City (135)
" Robinson (135)
Pompano, North Pompano (137)
Punta Gorda(135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted(135)
" Pinellas Co. Master T (136)
" Piper-Fuller (135)
" Sky Harbor (135)
Sanford (135)
" Osceola (135)
Sarasota-Bradenton(135)
" Commercial(135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland(135)
Sebring (135)
" Air Terminal (135)
Spencer (131)
Stock Isl. LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O. Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R,T (131)
Valparaiso, Eglin R,T(131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)
Valparaiso, Eglin #9(131)
Venice, Mun.(135)
" Fette Acft Serv.(135)
Vero Beach A,H (135)
Wauchula (135)
West Palm Beach R(137)
" Morrison T (137)
Whiting NAS(N) R,T
" NAS (S.)(131) (131)
Whitehouse (133)
Williston, Montbrook(133 135)
Wimauma (135)
Winter Haven
" Gilbert (135)
" Orlando Aviation Country Club(135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A,R, (133)
" Turner (133)
" Turner #1 (117)
Alma A,R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R,T (117)
" NAS (Camp Gordon)
" Lakewood(117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser(133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady(133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton (117)
Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T,R (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Donalsonville (131)
Douglas
" So. Georgia College (133)
Dublin (117)
East Point LFM (117)
Elberton (117)
Fitzgerald (133)
Fitzgerald, Three "B" (133)
Folkston (133) (133)
Forsyth, Zellner's(117)
Gainesville (117)
Glennville (119)
Glynco R,T (133)
Griffin ("7)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
Homerville Flgt Strip(133)
Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange, Calloway(117)
Lake Park #2 (133)
Lawrenceville, Wages (117)
Lawson R,T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings(117)
Millen
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton(117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A,FM (133)
Sandersville,
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
"Savannah-Wilmington Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant Memorial (117)
Thomasville AAF (133)
Thomasville Com.(133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion (91)
Turner A,FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Moody (133)
" Rocky Ford #1 (133)
Vidalia-Lyons (117)
Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington, McGill(117)
Waycross AAF (133)
" Civil Air Patrol(133)
Waynesboro (119)
Whitman Flgt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip Arco (23) (22)
Big Springs (6)
Boise R (22)
" Air Terminal T (22)
" Bradley (22)
Buhl (23)
Burley A,R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A,R (6)
Eagle FM (22)
" Floating Feather(22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)
McCall (3)
Mackay (23)
Malad City R.A (23)
Montpelier (23)
Mountain Home FM(22)
" AAF (22)
" Site 25, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A, FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar "S" (23)
Strevell H. A (23)
Tensed
" Tekoa Fly.Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)
Weiser (3)

ILLINOIS

Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (59) (41,
Armington, Medbury 45)
Ashburn LFM (43,45)
Aurora (43)
Beardstown (39)
Belleville
" Gundlach (39)
" Scott T,R (39,41)
Bensenville
" Sky Haven (43)
Bloomington (45)
Blue Island, Howell(43)
Blue Mound
" McCoy (41)
Bradford H.A(41,45)
Cairo, N.Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill.(45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R,T (43,45)
" Ashburn (43)
" Chicago-Orchard Place (43)
Chicago Heights
" Ashland Ave. (43)
Clinton Fly.Club(45)
Dalton City, Moody
Danville (45)
" Vermilion(45)
Decatur (41,45)
" Park District (45)
De Kalb, Interstate(45)
Des Plains
" Ravenswood(43)
Dixon (41,45)
Earlville, Clearview(45)
East St. Louis
"Parks Metropolitan (39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R.A (59)
" Co. Memorial(59)
Elgin
" Kane County (43)
Elmhurst
" Chicago-Elmhurst (43)
Fairfield
" B & K Fly.Svc.(59)
Fiatt, Hi-Way (41,45) (45)
Flora (59)
Franklin Park FM (43)
Freeport, Albertus (45)
Galesburg (41,45)
George (59)
Gillespie, H & S (39)
Glenview NAS T,R (45,
" Pal-Waukee (43) 43)
Grayslake (43)
Harvey R (43,45)
" Rubinkam (43)
Havana, Matansas (41,
Highland-Winet (39) 45)
Hillsboro (41)
Hinsdale (43)
Homewood
" Washington Park (43)
Hoopeston, Russell's Horace (45)
" Midway Aviation(45)
Jacksonville (39)
Jerseyville FM(39,41)
Johnsburg Arpk.(31)
Joliet R,A (43,45)
Kankakee (45)
La Grange, Stinson(43)
Lansing
" Chicago-Hammond (43)
La Salle, Vogel(41,45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport(43)
Lombard
" York Township(43)
Macomb (41,45)
Marion (59)
" Macarin (89)
Mattoon (59)
Mendota
" Fitzgerald (41,45)
Moline R. (41,45)
Momence (43)
Monmouth (41,45)
Morris (43)
Morton (41,45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (3)
Muddy, Harrisburg-El Dorado (59)
Nashville (41)
Newark FM (45)
Northbrook
" Sky Harbor (43)
Oaklawn, Harlem(43)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41,45)
Peoria A,R(41,45)
" Mt. Hawley (41,45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian
" Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Rantoul, Chanute R,T
Roanoke (45)
" Phil-Larry (41,45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (43)
St. Elmo
" Smith Aviation(59)
St. Francisville
" Presbyterian Church #3(59)
Salem, Leckrone (89)
Sandwich (45)
Scott T, R (39,41)
Shelbyville
" Shelby Co.(59)
Sheldon
" Dinsoway (45)
" Powell Bros.(45)
South Beloit
" Beloit-So. Beloit(31)
Springfield A,R (39,41,
Steger, Will Co.(43) 45)
Sterling (41,45)
Stockton (45)
Streator Air Svc.(45)
Sycamore
" Kishwaukee (45)
Taylorville (41)
Tinley Park
" Prosperi (43)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun. (41)
Van Orin (41,45)
Warren, Evergreen(31)
Waukegon (31)
" Lake Co. (31)
Wooddale (43)

INDIANA

Advance FM (47,143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (59)
Attica (45,47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (59)

NEW FACILITIES: Richfield. Idaho. Adkins(23) Shoshone, Idaho, Andrew(23) Woodstock, Conn., DeFlorez(57) Milford, Ill.(45) Mt. Erie, Ill., Van Fossan's(59) Annapolis, Ind., Port O' The Woods(45,47) St. Georges, Dela., Red Lion (67) Ormond, Fla.(133,135) Riddle, Fla.(137) Groveland, Fla.(135) Howey in the Hills, Fla., Howey (135) Live Oak, Fla., Hurst (133) Starke, Fla., Conway (133) Miami, Fla., Tropicaire (137) Panama City, Fla., Hutchinson's Aviation Port (131) Port St. Joe, Fla., Sandpiper (131) Samsula, Fla., Spruce Creek (135) Silver Springs, Fla., Aero Lodge (133) Tarpon Springs, Fla.(135) Winter Garden, Fla.(135) Brunswick, Ga., Arpk (133) Brunswick, Ga., Malcolm-McKinnon (133) Jesup, Ga.(133) Tremont, Ill., Sharon (43 45) Lincoln, Ill., Flying Service (41,45) Pona, Ill.(41) Virden, Ill.(39) Jacksonville, Fla., # 1 T (133) Ft. Lauderdale, Fla., South Florida(137) West Palm Beach, Fla., Belvedere Country Club(137) Dawson, Ga., Terrell Co.(133) Albany, Ga., Sky Haven(133) Driggs, Idaho., Teton Peaks, Driggs Mun.(23) New Meadows, Idaho(3)

Bedford,Sky Haven (59)
Bloomfield,Crays Fly. Service (59)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Bluffton,Bluffton-Wells County (47)

Brownsburg (143)
Buck Creek,Fair Acres (45,47)
Bunker Hill (47)
Camby,Owen Pathfinder (143)
Cedar Grove FM (59)
Chalmers
" Monticello (45,47)
Charlestown (59)
Clayton FM (59,143)
Columbus (59)
" Atterbury AAF (59)
Connersville
" Mettel (47,59)
Cook, Cedar Lake (43)
Corydon,Sky Park (59)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" Straub (59)
Danville,Mecca (143)
" Stewart (143)
Decatur, Hi-Way (47)
Demotte,Cheever (47)
Dora, Lincoln (47)
Dyer, Triangle (43)
Elkhart (47)
" East Side (47)

Elwood (47)
Emison (59)
Evansville R, T (59)
Fort Wayne R (47)
" Baer T (47)
" Myers (47)
" Smith (47)
Francesville,Jackson (45,47)
Frankfort,Lockwood (45,47)
Franklin Fly.Fld (143)
Freeman (59)
French Lick Sprgs (59)
Gary (45,47)
" Lakeside (43)
" Skyway (43)
Goodland,Kentland Air Service (45,47)
Goshen A,R (47)
" Midway (47)
Greencastle FM, A (47,143)
Greenfield FM,A (47,
" Farmers (143) (143)
Greenwood
" White Cloud (143)

Hobart,Gamble (47)
Huntingburg (59)
Huntington (47)
" Wakefield (47)
Indianapolis R,T (47, (143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville,Bush (59)
" **New-Albany** (59)

Kendallville (39)
Kentland
" Kentfield (45,47)
Kingman 47)
" Kingman Fly Svc (45,
Knox, Starke Co.(45,47)
Kokomo,Ruzicka (47)
" Mun. (47)
Ladoga,Himes (143)
Lafayette R (45,47)
" Aretz (45,47)
" Halsmer (45,47)
" Putdue Univ. (45,47)
" Reimer (45,47)
La Fontaine
" Shaffer's (47)
Lake Village (43)
Lanesville (59)
Lapel (143)
La Porte (45,47)
Lawrenceburg Valley
Lebanon (143) (59)
Liberty Center,Miller
Linton (59) (47)
Lizton (143)
Logansport (45,47)
" Logan (45,47)
Lowell FM (43,47)
Madison
" AAF (59)
" Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Martinsville (143)
McCool H,FM,A (45,47)
Medaryville (45,47)
Mentone (47)
Michigan City (45,47)
" Mid-City (45,47)
Milroy (143)
Mishawaka (47)
" Sportsman (47)
Monticello (45,47)
Morgantown FM (47,143)
Mount Vernon (59)
Mulberry,Stair (45,47)
Muncie (47)

New Carlisle,Gordon (45,47)
New Castle (143)
" Western (143)
Noblesville (143)
North Judson,Kellerman
North Manchester (45,47)
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown,Emison (59)
Ockley (45,47)
Orleans
" Silent Brook (59)
Patoka (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (45,47)
Portland,Bringham (47)
" Steed (47)
Preble, Liniger (47)
Ramsey,Bush (59)
Rensselaer (45,47)
" Jasper Co. (45,47)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rising Sun (59)
Rochester (47)

Rushville,Howell (143)
Salem,Boss-Denien (59)
Scottsburg,Harbor (59)
Selma,Huffman (143)
" Reese Fly.Svc. (143)
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals, Stiles (59)
South Bend R (45,47)
" Bendix T (45,47)
" Cadet (47)
" Chain Lakes (45,47)
Stout T (143)
Syracuse, Spink-Wawasee (47)
Terre Haute R (47,59)
" Hulman (47,59)
" Paul S. Cox (47,59)
Tolleston,Skyway (43)
Utica,Riverview (59)
Valparaiso
" Urschell (45,47)
Vevay (59)
Vincennes,O'Neal (59)
Wabash
" Whittenberger (47)
Warsaw Mun. (47)
" Smith (47)
Washington (59)
" Mun. (59)
Wellsboro (45,47)
" Triangle Air Svc.
West Lebanon, Cork (45,47)
Winchester,Coxey's (47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita,Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" Int. (41)
Audubon Awys (41)
Bellevue (29)
Burlington A,R (41)
Carroll (29)
Cedar Rapids H,A (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun.(29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41,45)
Columbus Jct. (41)
Council Bluffs (39)
Davenport,Cram (41,45)
Decorah
" Tatro Fly. Svc. (29)
Denison (28)
Des Moines R,T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys (29)
Earlham FM (41)
Eldora,Emmerts (29)
Elkader Arpk (29)
Emmetsburg,Ryan (29)

Estherville (29)
Fiscus, Briggs (41)
Fort Dodge,Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood FM (37,39)
Grimes, Dodge (41)
Grinnell,Niederhauser Airways (41)
Grand Mound,Grand (41)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove
" Nicholson (28)
" Flying Service (28)
Independence (29)
Indianola FM (41)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Lenox (41)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Marshall (29)
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)
Mechanicsville,
" McVille (41)
Melbourne (41)
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr,Mt.Ayrport (41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
" Flying Service (41)
Ocheyedan,Peters (28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville,Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R,T (28)
Sloan FM (28)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland,Liberty (28)
Traer (29)
Villisca,Tyler (41)

Washington (41)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A,H (85)
Arkansas City (87)
" Baird (87)
Ashland (85)
Atchison,Hawk's (43)
Atwood (37)
Augusta (87)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddit Hutton (37)
Bucklin (85)
Burdett Fly. Club (37)
Caldwell (87)
Cassoday (85)
Cedar Pt.,Clothier (37)
Cedar Vale (85)
Chanute A, R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly. Fld (85)
Colby (37)
Coldwater,Stark (85)
Concordia Mun. (37)
" Blosser (37)
Derby (87)
Desota FM (41,43)
Dodge City A,H (85)
" AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville,Fisher's
El Dorado (87) (43)
" Frasier (87)
Elkhart (83)
Ellinwood (37)
Ellsworth (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R, T (37)
Fort Scott (89)
Fredonia (85)
Garden City A, R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A, H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton,Strickland (85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington (37)
Holyrood (37)
Hoxie (37)

Hugoton, Hap (83)
Hutchinson A, R (85)
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson (83)
Junction City,Ritter (37)
Kansas City,
" Fairfax T (43)
Kanorado,Winter (35)
Kechi FM (85,87)
Kingman (85)
" Hi-Way (85)
Kiowa Fly. Svc. (85)
La Crosse, Hoover (37)
Lakin,Puckett's (83)
Larkinburg (37)
Larned (37)
Lawrence (43)
Leavenworth
" Le Compton (43)
Lebo A, R (37)
Lenexa, Allman (43)
Lenora (37)
Liberal (85)
" Glenn Martin (85)
Lyons (37)
McPherson (37)
" Janssen Skytell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie (37)
Mankato (37)
Marion (37)
Marshall R, T (37)
Marysville (37)
Meade (85)
Medicine Lodge (85)
Moline,Elk Co. (85)
Moundridge (37)
Ness City,Nessco (37)
" Ness Fly.Club (37)
Newton (87)
Norton (37)
Oakley (37)
Oberlin (37)
Olathe, Hall's (43)
" NAS R, T (41,43)
" OLF #2 (43)
" OLF #4 (43)
" OLF #7 (43)
" OLF #9 (43)
Ottawa (43)
" Conard (43)
Oxford FM (85,87)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" Atkinson (89)
Plains (85)
Pratt (85)
" AAF (85)
Protection (85)
Russell (37)
St. Francis (35)
St. John, Firebaugh (85)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)

Seneca (37)
Sharon Springs (35)
Sherman T (43)
Smith Center (37)
Smoky Hill R, T (37)

Stafford (85)
Stanley,Country Club (43)
" State Line Arpk (43)
Sterling Air Svc. (37)
Summerfield (37)
Syracuse (83)
" Int. (83)
Topeka R, T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (85,87)
Tribune,Pickrel-Farmer Fly.Svc (35)
Viola FM (85,87)
Wakefield,Elkins (37)
Walker (37)
Wellington (87)
Wellsville,Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)

" Cannon Ball (87)
" Cessna Acft (87)
" Culver (87)
" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" -Arkansas City (87)

KENTUCKY

Ashland (61,63)
Bowling Green A,R (91)
Campbell (91)
Campellsville (59)
Cedar Bluffs,Princeton (91)
Coal Run, Pikeville (61)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville,Goodall (59,61)
Darfolk, Codell (61)
Dillon, Harlan (93)
Eastwood FM (59)
Elkton, Standard (91)
Falmouth (61)
Fort Knox,
" Godman R, T (59)
Frankfort,
" Silver Lake (59,61)
Glasgow,Davis-Norris
Glendale (59) (91)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Hazel, Marian (91)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Knifley,Streeval (59)
Lebanon (59)
" Betzel (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)

Lynch, Cumberland Valley (93)
Madisonville (59)
" Agee Williams (59)
Manchester, Sky (61)
Mayfield
" Graves Co. (91)
Maysville (61)
Melbourne,Ross (61)
Middlesboro (93)
Milford (61)
Monterey,Karsner (59)
Monticello
" Rice (93)
Mt. Washington (59)
Nolin, Kernek's (59)
Owensboro (59)
Paducah
" McCracken (91)
" Howell (59)
Paintsville (61)
Paris (61)
Prestonburg (61)
Raceland
" Aiken (61)
Richmond, Port Richmond (61)
Shelbyville,Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)
West Point (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
Bogalusa (129)
Camp Polk,North (127)
" South (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memorial (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A, H (129)
" Boise de Lafayette (129)
" Girard (129)
Lake Charles R (127)
" AAF (127)
" N Lake Charles (127
Lake Providence (113)
La Place FM (129)
Leesville (127)

Logansport, Johnson (113)
Madisonville FM (129)
Mansfield
" De Soto Parish (113)
Many
" Hart (113)
Minden (113)
Moisant International T (129)
Monroe A, R (113)
" Selman (113)
" Arpk (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton
" Burnside & Mc Donald (113)
New Iberia (129)
" Iberia Parish (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
" NAS (129)
" Meraux-Neunez (129)
" Moisant Inter'l T (129)
New Roads
" False River (129)
North Camp Polk (127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Quebec,Arneson (113)
Ruston (113)
Shreveport R,T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Slidell, Pravado (129)
Sondheimer,Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood (129)
Winnfield
" Joyce (113)
Winnsboro (113)

MAINE

Andover (18)
Ashland,Snowman's (18)
Auburn
" Dingley (18)
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A, R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton,Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doane's (18)
Bridgewater
" Nelson's (18)

Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Figt Strip (18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A, R (18)
Hudson, Robbins (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston (18)
" Central (18)
Limestone FM (18)
Livermore Falls (18)
Madison
" Weston (18)
Mallawamkeag, Moscone's (18)
Mapleton, Community Arpk (18)
Mars Hill (18)
Millinocket A, R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Patten
" Webb's (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A, R (57)
Presque Isle R, T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway (18)
Rumford (18)
Sanford, Goodall (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (57)
Turner
" Rollins Flying Svc (18)
Washington, Austin (18)
Waterville (18)

West Buxton
" Hilltip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T (67)
Andrews R, T (69)
Annapolis, Seaplane T (67)

Annapolis Inc. (67)
" Dixie (67)
" Lee Annapolis (67)
Baltimore R, T (67)
" Diffendahl (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM,A (67,69)
Berwyn
" Capital (69)
Brandywind R (67,69)
" Curtis (69)
Camp Springs
" Andrews R, T (69)
Chesterton, Gill (67)
Churchville
" Aldino (67)
Clinton
" Hyde (69)
College Park (69)
Croom
" Columbia Air Center (69)
Cumberland (68)
" Mexico Farms (65)
Doncaster FM (67,69)
Easton
" Webb (67)
Edgewood Arsenal (67)
Elkton, Lovett (67)
Fort Meade (69)
Frederick
" Stevens (67)
" Frederick City (67)

NEW FACILITIES: Yorktown, Ind.,Delaware (143) Ulysses, Kans. (83) Bradford, Me.,Snow (18) Brownville Junction, Me.,Prairie (18) Enfield, Me.,Swasey's (18) Ft. Fairfield, Me.,Aroostook Fly. Svc.(18) Ft. Kent, Me.(18) Jackman, Me. (18) Presque Isle, Me.,Northland (18) Turner,Me.,Twitchell's (18) Beachville,Md.,Webster T (67) Croom,Md.,Mattapont Sky Club(69) Dewitt, Iowa (41) Hill City, Kans.,Mun.(37) Osawatomie, Kans.,Osawatomie-Paola(43)

JUNE 24,1967

Glenforrie
" Wiley (67)
Greenbelt
" Schrom (69)
Hagerstown (67)
Hyattsville
" Queens Chapel (69)
Hopkins Rock FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (69)

Riverdale
" Erco (69)
Rock Hall (67)
" Frytown (67)
Rohrville
" Congressional (69)
Salisbury (67)
" Delmarvia (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminister,CAP(67)
Worton
" Andelot (67)
" Kent (67)

MASSACHUSETTS

Adams (55)
Agawam Land & Sea-plane Base (55)
" Bowles (55)
Auburn (57)
Ayer (57)
" Littleton (57)
Barre Plains
" Hiller (55)
Bedford H,T (57)
Beverly (57)
Billerica
" Shawsheen Pines(57)
Boston R (57)
" Logan T (57)
Brant Rock FM (57)
Brockton (57)
Brookfield (55)
Canton
" Boston-Metro (57)
Chatham (57)
Chicopee Falls
" Westover R,T (55)
Clinton,Bolton (57)
Dedham FM (57)
Dracut,Richardson(57)
East Brookfield (55)
Easton FM (57)
Edgartown (57)

Essex,Cape Ann (67)
Everett FM (57)
Falmouth (57)
" Otis (57)
Fitchburg (57)
Franklin FM (57)
Gardner (55)
Great Barrington (55)
Groton (57)
Hatfield,Pilgrim (66)
Haverhill (57)
Hyannis (57)
Lawrence (57)
Leicester (57)
Mansfield (57)
" Sherman Memorial (57)
Marlboro (57)
Mendon (57)
Montague
" Turners Falls (55)

Nantucket Isl. (57)
New Bedford (57)
Newburyport
" Plum Island (57)
Norfolk
" Franklin-Norfolk(57)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)
" Pilgrim (55)
North Attleboro
" Wilkins Fly.Fld (57)
North Grafton
" Grafton (57)
Norwood (57)
Oak Bluffs (57)
Orange (55)
Otis (57)
Palmer
" Metropolitan (55)
Peabody FM (57)
Pepperell, Glow (57)
Pittsfield (55)
Plymouth (57)
" OLF (57)
Provincetown Landing
Revere (57) (57)
Seekonk
" Providence (57)
South Boston LFM (57)
Southbridge (55)
South Easton,Ames(57)
South Weymouth T (57)
Spencer (57)
Springfield (55)
Squantum R,T (57)
Taunton,King (57)
Vineyard Haven
" Martha's Vineyard (57)
Wareham,Co.Club(57)
West Barnstable
" Cape Cod (57)
Westboro (57)
Westfield R (55)
" Barnes (55)
Westover R,T (55)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (57)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141)

Armada,Center (33)
Atlanta (15)
AuGres (15,33)
Baldwin (15,33)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Elements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15,33)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15,33)
Clio, West's (33)
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystall Falls
" Dr.A.L.Haight(15)
Davison,Seely's(33)
Detroit H (33,141)
" Burns (141)
" Detroit City T (141)
" Ford (141) (141)
" Grosse Isle NAS
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co. (33)
Douglas
" Saugatuck-Douglas
Dowagiac (31,33)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15,31,33)
Fraser,McKinley(141)
Galesburg
" Avia.Coun.Club(33)
Gaylord
" Otsego Co. (15)
Gladwin A,H (15,33)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)

Harbor Beach (15,33)
Harrison (15,33)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton A,R(15)

Houghton Heights
" Houghton Lake (15)
Howell (33)
Indian River
" Calvin Campbell(15)
Ionia (33)
Iron Mountain,Ford (15
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Loretto
" Norway Township(15)
Ludington
" Mason County(15,31)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15,31)
Manistique
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31,33)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15,33)
Owosso
" Shiawassee Co. (33)
Paw Paw (39)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)

Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15,33)
Raco (15)
Rexton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (33,141)

Roscommon (15,33)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (33,141)
St. Helen (15,33)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (33,15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Dr.Haines Fly. (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air,Term.
" Stinson (141) (141)
West Branch
" La Porte (15,33)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (33,141)
Wyandotte,Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)

Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)

Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth A,R(14)

Ely (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)

Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch
Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T
Montevideo (11) (14)
Monticello,Hincks (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Osseo Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (28)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)

St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Baldwyn (91)
Batesville (89,115)
Beulah,Dossett(113)
Biloxi,Keesler R,T(129)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City(129)
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Jones-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)

Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co.(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport #1 (129)
" #2 (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole. (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)

Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)

Laurel (129)
Leland
" Lakeview (113)

Louisville Air Svc.(115)
Lulu, Bass (89)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Moorhead,Everett(113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)

Philadelphia,Friendly Flying Service (115)
Picayune (129)
Pickens,Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115)
Scooba (115)

Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo (115)

Tutwiler,Strange(111)

Tylertown (129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City(113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage,Myers (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)

Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig,Ward (39)
Diamond (89)
Ellisville (39)
Excelsior SpgsA,FM(41)
Farmington (89)

Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adkins Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas City R,T (41,43)
" Heart of America(43)
" Kansas City-Grand-view (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)
Macon,Stephenson(41)
Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl (89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)

" Lambert-St. Louis
" Ross (39) T(39,41)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)

Sedalia (41)
" AAF (41)
Sikeston(89)

Slater (41)
Spanish Lake H,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Awyss (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros. Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forrest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

NEW FACILITIES: International Falls,Minn.(14) Buffalo, Mo.(89) Pittsville,Mo.(41) Joplin, Mo.,Harper (89) Seymour, Mo.,Owen (89) Van Buren, Mo.(89) Willow Springs, Mo.(89) Dixon, Mo.(89) Exeter, Mo.,Clover Hill (89) Fredericktown, Mo.(89) Gainesville, Mo.(89) Quabbin, Mass H, FM (55) Grand Marais. Mich R (15) Bridger,Mont.(7) Pelkie,Mich.,Baraga (15) New Baltimore, Mich.,Anchor Bay (33) Armada,Mich(33) Bad Axe,Mich.(33) Chesaning,Mich.(33) Fremont,Mich.,City of Fremont (33) Showell,Md.,Midway(67) Hally,Mich.(33) East Tawas,Mich.,Iosco Co.(33) New Hudson,Mich.,Knapp (141)) Lowell, Mich.(33) Plainwell,Mich.,McKay (33) Albion,Mich.,Morgan's (33) Gobles,Mich.,Wesler (33) Brainerd,Minn., Pine Beach (14) Red Oak,Mich.,Lost Creek Sky Ranch (15) Topaz,Mich.,Big Bear (15) Tawas City,Mich (33) Galthersburg,Md.,Davis (67) Hanover,Mass.,Clark (57) Coldwater,Mich.,Branch Co.(47) Graafschap,Mich.,Tulip City (31,33) L'Anse,Mich.,Muzzy's (15) Monroe,Mich.,Custer (47,49) Springfield,Minn.(14) Quinnesec,Mich.,Northland (15) Romeo,Mich.(33) St. Johns (33) Utica,Mich.(33) Kentwood,Miss.(129) Carrollton,Mo.(41) Eldon,Mo.,Model Arpk (41) Galt,Mo.,Ace High (41) Gorin,Mo.,Wylies (41) Hayti,Mo.,Downing (89) Kahoka,Mo.,Montgomery (41) Lucerne,Mo.,Myers-Hughs(41) Owensville,Mo.,Depperman (41) Palmyra,Mo.(41) Rushville,Mo.,East Atchison (43) St. Clair,Mo. (41) St. Joseph,Mo.,Glenata (43) Dexter,Mich.,Washtenaw (141) St. Joseph,Mo.,Lake Contrary (43) Trenton,Mo.,Embry (41) Tuscumbia,Mo.,Sky Lake (41) Warrensburg,Mo.,Sky Haven (41) Warrenton,Mo.,Zims (41) Warsaw,Mo.(41) Berkley,Mass.,Myricks (57) Benoit,Miss.,McCain(113) Charleston,Miss.,Coyle(115) Crystal Springs,Miss.(113) Merigold,Miss.,Jones(113) Rochdale,Miss.,Watts(113)

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston A, R (6)
" Int. (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Niles FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polsebridge
" Quarter Circle M.C.
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico,Richart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

[redacted]KA

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (39)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)
Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron R,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Cozed,100th Meridian
Crawford (27) (37)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
"Grundman (39)
Norfolk (37)
North Platte R (37)

Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'J' Lazy V(35)
" Idle Acres (35)
Ravenna (37)

Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney H, A (35)
Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)
Weeping Water
" Steckley Co. (39)
West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Basalt (77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77) (77)
Genoa,Tahoe Sky Harb.
Goodsprings FM(79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Hoot Gibson's(79)
" Sky Haven (79)
" Vegas Sky Corral(79)
Lovelock (22)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)

Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Val'y (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Ventosa (23)
Wadsworth FM (22,77)

Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)
Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18)
Hampton (57)
Hinsdale,Brattleboro—
Hinsdale Arpt. (55)
Hooksett Land & Seapl.
Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)

Lebanon A, H (55)
Manchester,Grenier
R, T (57)
Nashua, Boire (57)
" Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White
Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Winchester(55) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Aridover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)

Barrington,Merrill(69)
Basking Ridge Sommer-
set Hills (71)
Belmar,Monmouth Co.
(71)
Belvidere,Martins
Creek (53)
Bendix,Teterboro T(71)
Blackwood (69)
Blairstown,Lake Sus-
quehanna(53,71)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69,71)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Casaville LFM (71)
Chatsworth,Coyle (71)
Clarksville,Nassau (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth LFM (71)
Florence(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)
Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley
(71)
" North Brunswick(71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69)
Pittstown,Alexandria
(67)
Rahway,Westfield (71)
Readington,Solberg-
Hunterdon (71)
Red Bank (71)
Richland,Cavollos (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbury (69)
Woodbine (71)
Woodbridge,Shinn-
Woodbridge (71)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
" Tracy (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A, (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)
Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM
(105)
Hobbs R, A (107,121)
" AAF T (107,121)

Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,State
College (105)
Milnesand,Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Pefaita FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)

Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge
(55)
Bethpage,Grumman T(71)
Billings,Freedom
Plains (55)
Binghamton (53)
Blasdell-Hayes (51)
Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (71)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (71)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E.Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic
T (71)
Fisher's Isl,Elizabeth
(55)
Flatbush H,FM (71)
Flushing (71)
Floyd Bennett R,T, H
(71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport, Bath-
Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R,
T (71)
" Nassau (71)
Herkimer,Hayduk (55)
Hicksville Arpk (71)
" Avia Co.Club (71)
Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene, Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston,Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleisch-
man (55)
Massapequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (57)
Medina (51)

Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co.
(55)
Montour Falls,Martin
Moravia (53) (53)
Narrowsburg (53)

New Baltimore,Farly's,
(55)
Newburgh,StewartR,T
(55)
" Stanton's-Newburgh
Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55
New Paltz (55)
New Rochelle H,FM
(71)
New Springville,Staten
Island (71)
New York NAS,Floyd
Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co.
Line (51)
" Shawnee Fly.Svc.(51
Northville,Sacandaga
Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton
Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (51)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae
(53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot
(55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow
(55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (55)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park LFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)

Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley,Co.(55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T. (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream,
Columbia (71)
Walden,Newburgh-
Walden (55)
Wallkill,U.S.Mil.Acad.
#2 (55)
Wappingers Falls (55)
Warwick-Wickham (55)
Watertown R (53)
" Bradley (18)
Wellsv'l,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester Co. T
(55)
Whitesville,
Community (53)
Williamsville,Sheridan
(51)
Wilson Flying Fld (51)
Wingdale (55)
Wollcottsville FM (51)
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)

Asheboro (98)
Asheville-Hendersonville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Barco (97)
Beaufort-Morehead
City (97)
Balloon #1 (95)
Belmont (95)
Black Mountain (93)
Bogue (97)
Brevard,H & R (93)
Burgaw (97)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (97)
Camp MacKall (95)
Candor (98)
Carolina Beach(97,119)
Chadbourn Duke (95)
Chapel Hill,Wms. (95)
" Hogan (95)
Charlotte R (95)
" Carmon (95)
" Delta (95)
" Douglas T (95)
" Plaza (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (95)
" Coley (95)
Derita,Brockenbrough
(93,95)
Draper,Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95,93)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft.Bragg,Balloon (95)
" Pope R,T (95)
Franklin (93)
Gastonia,Mun.(95,93)

NEW FACILITIES: Ainsworth, Neb.,Mun.(28) Trenton, Neb. (37) Prattsville, N.Y.(55) Jonesville,N.Y.,Jewett (55) Errol, N.H. (18) Littleton,N.H.(18) Geneva,Neb.,Flying Service (37) Grand Island,Neb.,Roush (37) Kearney,Neb.,Harmon (37) Republican City,Neb.,Waldo Air Service (37) Superior,Neb.,Mun. (37) Ashland,N.H.,Riverside (57) East Jaffrey,N.H.,Silver Ranch (55) Franklin,N.H.,Awys Inc.(57) Columbus,N.J., Mahalchik (71) Woodston,N.J. (67) Jamesburg,N.J.,Forsgate Arpk Inc.(71) New Brunswick,N.J.,Mid-Jersey(71) Robbinsville,N.J.,Trenton-Robbinsville (71) Rocky Hill,N.J.,Princeton (71) Vineland,N.J. (67) Williamstown,N.J.,Star Harbor (71) Deming,N.M.,Cooper (105) Estancia,N.M.(83) Grants,N.M.,Landing Strip (81) Lordsburg,N.M.,Kuykendall (103,105) Moriarty,N.M.,Longhorn (83) Duanesburg,N.Y. (55) Gardiner,N.Y. (55) Ghent,N.Y.,Kline-Kill (55) Honesdale,N.Y.(53) Sayville,N.Y.,New Sayville (71) Abbottsburg,N.C.,Bowless (95) Ayden,N.C.(97) Bladenboro,N.C.(95) Coats,N.C.,Smith's (95) Creswell,N.C.(97) Fort Calhoun,Neb. FM (37) Wisner,Nebr.,Heller(37) Portsmouth,N.H.,Lafayette(57) Whitefield,N.H.,White Mountain(18) Blackwood,N.J.,Almonesson(69) Bridgeton,N.J.,Seabrook(67) Mahwah,N.J.,Ramapo Valley(55) Pittstown,N.J.,Brown(71) Sodus,N.Y.,Wallington(53) Albemarle,N.C.(95) Tekamah,Nebr.(37) Wahoo,Nebr.(37) Breton Woods,N.J.,Ocean Co.(71)

JUNE 24,1947

Gastonia,Spindle City (93,95)
Gibsonville, McLean Bros. (95)
Goldsboro, Seymour Johnson (97)
Greensboro R (95)
" High Point T (95)
" Routh (95)
Greenville (97)
Henderson (97)
Hendersonville (93)
Hickory (95,93)
High Point,Fraley(95)
Hoffman, Camp McKall AAF (95)
Jacksonville (97)
Julian,Gilmore #1 (95)
Kannapolis (95)
" Carolina Arpk (95)
Kings Mtn (95,93)
" Bridges(95,93)
Kinston (97)

" Smith (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95,93)
" Burris (93,95)
Louisburg,Franklin(97)
Lumberton H (95)
Manteo FM (97)
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan,Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville,Harris (95)
Morganton
" Lenoir (93)
Morehead (97)
Mt. Airy (95)
" Colonial (95)
Mt. Olive (97)
New Bern FM (97)
" Simmons-Knott(97)
New River, Camp Le Jeune T (97)
Newton,Conover (95)
North Wilkesboro (95
Oak Grove T (97) 93)
Oxford,Young (95)
Pinehurst,Knollwood(95
Plymouth (97)
Pollocksville,Oak Grove
Pope R,T (95) T (97)
Rainford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks 95 95
Reidsville (95)

" Warf (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)

Sanford Lee Co.(...)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93
Statesville (95,93)
Sylva (93)
Tarboro (97)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weeksville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville (95)
Wilmington Arpk(97,119
" Bluethenthal(97,119)
" Pettifer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate,McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(95
Yanceyville,Caswell(95)
Zebulon (97)

[redacted]

Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Mathény(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)

Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

[redacted]

Akron A,R (49)

Alliance,Taylorcraft(63)
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ(63,61)
Avon Lake LFM(49,141)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green FM(49,
" Bricker (49,47) 47
Brecksville FM(49,141)

Bryan,St...ombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63,61)
Chesapeake,Huntington (63)
Chillicothe,Jones(63,61)
" Scioto Trail (63,61)
" Skypark (63,61)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
" Lunken T (61)
" Mt. Healthy (61)
" Parks Watson(61,141)
Cleveland R,,T (141,49)
" Brooklyn (141)
Clinton Co. T,R, H (63,
Coldwater (47) 47,61)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahio (47)
" South Dayton (47,61)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)

E.Liverpool,Swasey(51)
Elyria A,H,FM(49,141)
Fairfield R,FM(47,61)
" Patterson T (47)
Findlay A,H (49,47)
Fostoria,Snyder (49,47)
Fremont,Slager (49,47)
Galion (49)
Gallipolis,Twin Cities (63,61)

Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61,47)
Harrison (61,59)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard FM (63)
Hillsboro (61)
Hooker,Port Lancaster (63)
Hudson,Mid City (141)
Jackson,Shumate (63,61)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63,47)
Lancaster (63,61)

LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63,47)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63,61)
Marion (63,47)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61,47)
Milford,Knore(63,61)
Montezuma,Lakeview(47)
Morrow,Happy Landings
Mt.Liberty FM(63) (61)
Mt.Orab FM (63,61)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49,47)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141
North Hamilton(61)
North Royalton LFM(49
Norwalk (49) 141)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ,(59,61,
Patterson R,T (47) 47)
Paulding Co. (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63,61)

Put-in-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (47)
Sandusky, Hinde (49)
Sharonville, Cincinnati (61)

Sidney (47)
Solon (141)
Springfield (63,47)
" Crabill (63,47)
Summit Stn LFM (63)
Tiffin (47,49)
Tiltonsville, Scott(65)
Toledo R,T (49,47)
" Franklin (49,47)
" Nat'l Aviation(49,47)
Toronto (65)
Troy,Waco-Troy (47)
Urbana, Grimes(63,47)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" Port Koneta (47)
Warren, Hall (51)
" Airways (51)
" Port Warren (51)
" Tyndall (51)
Washington Court (47,61)
House,Wash.Arpk(63)
Watertown,Reed's(63,61)
Wauseon,Grieser (47)
Wellington (141)
Willard (49)
Williamsfield

Willoughby (141)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski (61)

Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)

Atoka (85)
Bartlesville (85)
" Phillips T (85)
Beaver (85)
Blackwell (85)
" Marks (85)
Boise City (83)
" Comm #2(83)
Bristow (85)
Buffalo (85)
Calumet, Bomhoff(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" Mariash (87)
Claremore,Rogers
Clinton (85) (85)
" Victory (85)
Cordell (85)
Cushing (85)
Davies - Jolly Aero(85)
Delhi (85)
Dill (85)
Duncan,Halliburton(85)
Durant,Comm. (...09)
" Eaker (103)
Edmond,Central (87)
Elk City, Bennett (85)
El Reno (87)
" Mustang (87)
Enid , AAF (85)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A, R (85)
Geary (85)
Grandfield (85)
" #3 (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish(85)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)

Kingfisher (87)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley, Univ. (89)
Muskogee,Davis (85)
" Hatbox-Muskogee(85)

Mustang FM (85,87)
Newall FM (85,87)
Newkirk,Skypark (87)
Norman,Westheimer (87)
Nowata (85)
Okemah (85)
Oklahoma City R,LFM (A)(85,87)
" Garthoeffner (87)
" Nuckols (87)
" Tinker R,T (87,85)
" Tulakes (87)
" Wiley Post (87)
" Will Rogers T (87,85)
Okmulgee (85)
" Com. (85)
Pauls Valley (87)
Pawhuska (85)
Perry (85)
Picher,Jameson (89)
Ponca City,A,H (85)
Post T (85)
Poteau (89)
Pryor, Long (85)
Red Fork FM (85)
Roosevelt R (85)
Sapulpa (85)
Sayre (85)
Seiling
" - Cook's (85)
Seminole (85)
Sentinel, Mem'l (85)
Shawnee Mun. (85)
Skiatook FM (85)
South Coffeyville
" Jensen (85)
Stillwater #1 (85)
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)

Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" Brown (85)
" Commercial (85)
" Harvey Young (85)
" North (85)
Verdigris River FM(85)
Vici (85)
Vinita, Fallin (85)
Topper (85)
Walters (85)
Washington FM (87,85)
Watonga (85)
Waynoka
" - Kelsey (85)
Weatherford (85)
Wetumka, Boren (85)
Wewoka, com. (85)
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkali Lake (22)
Arlington (2)
Astoria,Clatsop Co.R(2)

Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard
Bend (2) (143)

Boardman (3)
Brooks, Sky Acres (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" Illinois Valley (19)
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &B(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Williamette (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,T (19)

" Piercy (19)
Milton, Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth, Adams (2)
Mulino,Green Acres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park (143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R,T-(143) (143,2)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)

Seaside (2)
Silverton, Adams (2)
Sutherlin,Sky Ranch (19))

Sweet Home,Lungmack (2)
The Dalles A,R (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (22)
Veronia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-Worden Schuler(143)
" Tulana (19)

PENNSYLVANIA

Allentown R (53,67)
" Bethlehem (53,67)
" Convair (67)
Altoona R (65)
"Stultz (65)
Ambler, Wings T (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" Patterson Heights (51)
Beaver Meadows
" - Green Acres (53)
Bedford (79)
Bellefonte (53)
Berwick (57)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" McKean Co. (51)
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" Pittsburgh-Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil H,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53)
Danville (53)

Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)

Ebensburg,Keystone(65)
Elysburg,Shamokin(53)
Emmaus (67)
Erie R (51)
Erie County (51)
" Port Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater Pittsburgh T
Greensburg (65)
" Pittsb.-Greensb(65,
Greenville (51)
Grove City (51)
Hanover, Devener (67)
Harrisburg R (67)
" State T (67)
" Penn-Harris (67)
Harrison City (65)
Hazleton
" Reifenberg (53)
Hershey (67)
Homesburg LFM (69)
Hookstown FM (65)
Huntingdon (65)
Indiana,Hamilton (65)
Jersey Shore (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM (53)
Lancaster (67)
" mun. (67)
Langhorne,Old Star(69)
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" Merry's Pymatuning Lock Haven (51)
" Cub Haven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" Port Meadville (51)
Mercer (51)
Middletown FM (67)
" Olmsted T (67)
Millbrook R (51)
Milton (53)
Mohrsville,Estler (67)
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (53)
Myerstown, Lebanon Co. (67)

Division Street,Oreg(143)Fairview, Oreg.,Skylife (143)

NEW FACILITIES: Maiden,N.C.,Grigg & Bynum (93) Gold Beach, Oreg.,Leith's (19) Spindale,N.C.,McDonald (93) Stanfield,N.C. (95) Malvern,Pa.,Paoli-Malvern (67) Lebanon,Ohio,Hightman (61,47) Jonesville,N.C.,Rendezvous (93,95) Morganton,N.C.,Riverside (93) Roanoke Rapids,N.C.,Halifax Co.(97) Winterville,N.C.(97) Woodville,N.C.(97) Argusville,N.D.,Walkinshaw (11) Selfridge,N.D.(10) Page,N.D.,Conrad Bros.(11) Ada,O.(47,49) Alliance,Ohio,Whiteley (49) Archbold,Ohio,Short's (47) Austintown,Ohio (51) Bluffton,Ohio,Flying Service(47,49) Bryan,Ohio (47) Continental,Ohio (47) Lake Milton,Ohio (51) Newton Falls,Ohio (49) North Kingsville,Ohio,Stout (51) North Lima,Ohio,Calvin (51) North Lima,Ohio,Elser (51) North Lima,Ohio,Welsh Fly. Svc.(51) North Madison,Ohio,Tuttle (49) Woodworth,Ohio,Southern Awys (51) Mt.Holly,N.C.(93,95) Springfield,Oreg.(2) Berwick,Pa.,Centre(53) Carbondale,Pa.,Carbondale-Clifford(53)

New Alexandria A,FM
New Castle (51) (65)
New Hanover (67)
" Layfield (67)
New Kingston,Taylor (67)
North Springfld FM(51)
Nicholson,Mt.View(53)
Norristown,Patco(69)
" Valley Forge (69)
North Springfld FM(51)
Olmsted T (67)
Olyphant,Mid Val'y(53)
Osceola Mills (55)
Paoli,Phila,Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Buehl (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pittcairn,Pitt-Wilkins (65)
Pittsburgh R (66)
" Allegheny **T (66)**
" Bettis (65)
" **Greater** Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville,Schuylkill (67)
" Stowe-Pottstown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgeway, Green (51)
St. Mary's (51)
Salix (65)
Sayre, Valley (53)
Scranton (53)
Selinsgrove (53)
Seven Valleys FM (67)
Slatington FM (53)
Somerset (66)
State College Air Depot **(53)**
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53) (53)
Tunkhannock,Skyhaven
Tyrone Speedway **(65)**
Utahville (51)
Vandergrift (65)
Wallaceton,Albert(51)
Warren (51)
Waynesburg,Greene
Waynesboro(67) (65)
Wellsboro,Grand Canyon (53)
West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bamberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
" Christenson(119)
" Rowe (95)
Calhoun Falls,Bentley (93,117) (95,119)
Camden,Woodward
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119,93)
Darlington,Hartsville
Elloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (119)
" Coronaca (119)
Hartsville (95)
Honea Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)
North Augusta (119)
Orangeburg,Hawthorne
" Jennings(119) (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
" Mun. (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A,R (11)
Winner (28)
Yankton (28)

TENNESSEE

Ashland (91)
Chattanooga R,T (91)
Clarksville,Outlaw (91)
Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)
Graham (91)
Green Brier FM(91)
Henning,Keith (89)
Hohenwald, Brown (91)
Humboldt (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Stewart (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)
Alamo,Kahler (123)
Albany,Taylor (107)
Alice A, R, (123)
Aloe # 10 (123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (127)
Arlie (85)
Aragon #5 (121,105)
Arlington,Lucas(111)
" Midway (111)
" OLF (111)
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
" St. Edwards (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
Barker,Mayan Ranch (125)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big SpringR,T (107,121)
" U&S Fly.Svc(107,121)
Bonham
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,
" White (107,121,125) 125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" International T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Childress R (85)
Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (83)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cabannis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
" mun. (109)
" "75" (109)
Crane,Crane Co (107)
Crosbyton,Paul (107)
Crystal City(123
Cuero (125)
" Edgerton (125
Cox AAF (109)
Cypress,Jackson (127)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111,109)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville H (109, 111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
Eastland,Weaver (107)
Eden (107,121,125)
Edinburg,Com. (123)
Edna ,Good(125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111,109)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107, 121)
Ft.Stockton,Dyche(107, 121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson (127)
Friona,Benger (83)
Gainesville AAF (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127) (127)
Gorman (107)
Grand Prairie(111
Grauwyler Park H,(111)
Gregory FM(123)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
Guadalupe Pass V,FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen
" All-Valley(123)
" Mun. (123)
Harpersville FM,A(107)
Hart, Roper (83)
Haslet H,FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)
Hondo AAF (125)
Houston R,FM,T(127)
" Ellington (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart(127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville(125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chupadera Rnch(123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
" Winston (107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Yoas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Louise (125)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)
Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121,105)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission,
" **Moore (123)**
" **Moore #1 (123)**
" **Moore #3 (123)**
Monahans,mun.(107,121)
Moore **#3** (123)
Morton,CochranCo. (83)
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New Braunfels,Clear Spring #5 (111)
Odessa,Ector Co.(107, Old Ocean (127) (121)
Olney (107)
Orange (127)
" Brown (127)
Orla,Tex-Line (105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner
Post (107) (123)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)
Preston (127)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
RandolphR,T (125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,121)
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs,Buzz(107)
Rockport (123)
Rock Spgs,Sherrill(121)
Rodd T (123)
Rosenburg,Lane **(127)**
Rotan (107)
Ryan #3 (121,105)
Saginaw (111)
Salt Flat R,A **(105)**
San Angelo T (107,121)
" Goodfellow R (107, 121)
" **No.Concho (107,121)**
" **Sky Harbor (107,121)**
San Antonio,Alamo R,T (111,125)
" **Bexar Co. (111)**
" **Brooks T (111)**
" **Davis (111)**
" **Hurt (111)**
" **Kelly R, T(111,125)**
" **Lake (111)**
" **Leon Valley (111)**
" **Martindale #4 (111)**
" **Mission** (111)
" **Randolph R,T(111,125)**
" **Stinson T** (111)
" **Yates (111)**
San Benito (123)
Sanderson Land,Strp(121)
San Marcos **R,T** (125)
" **Thompson (125)**
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 (111)
Seminole (107,121)
Seymour (107)
Shamrock (85)
Sherman **(109)**
" **Gaskin** (109)
" **Perrin** (109)
Sierra Blanca (105)
Simms **(109)**
Sinton **(123)**
" Community (123)
Smithville (125)
Soncy FM (83)
South Plains **T (107)**
Spearman (83)
Spring Branch FM **(111,125)**
Spur (107)
Stamford (107)
" Arledge (107)
Stanton FM (121,107)
Stephenville (107,109)
Stinnett (83)
Sulphur Spgs FM,A,H (109)

NEW FACILITIES: Conway, S.C.(119) Kingtree,S.C.,Gamble (119) Newport,Tenn.,McCoig(93) Buffalo, S.D.,Harding Co.(10) Gettsburg, S.D.(11)Arlington,S.D.,Lake Poinsett (11) Lake Preston,S.D. (11)Lemmon, S.D.(10)McIntosh,S.D. (10) Hampton,S.C.,Hampton-Varnville(119) Goldthwaite,Tex.(107)Gaffney,S.C.,Nesbitt(93) Mt. Pleasant,Tex.,Hoffman(109) Winnsboro,Tex.,Mulinax (109)Franklin, Tenn.,Air Service (91) Newman, Tex H (105) Bristol,Tenn.,Tri-City (93) Graham,Tex.(107) Mt.Pleasant,Pa.,Mt. Pleasant-Scottdale(65) Lolita,Tex.,Walker(123) Abion,Tenn.,Morris(89)Castroville, Tex.,Riomedina(109) Susquehanna,Pa.(53) Bishopville,S.C.(119) Chester,S.C.,Bratton (93) Odem,Tex.(123) Clio,S.C.,Mack Lamar (95)Redfield,S.D.,Deiter (11) Selby,S.D.,Rebenburg (10)Athens,Tenn.,Grey (93) Cleveland,Tenn.,Waterlevel (93) Copperhill,Tenn.,Copperhill-Ducktown (93)Glenmary,Tenn., Pemberton (93) Arlington,Tex., Pulley(111) Austin,Tex.,Aero-Tel (125) Dallas,Tex.,Marshall's (111) Decatur,Tex.(109) Fairfield,Tex.,Eagle (109) Ft. Worth,Tex.,Skyview (111)Ft.Worth,Tex.,Southworth (111) Fredericksburg,Tex.,Gillespie (125) Jacksboro,Tex.,Rodeo City (109) Irving,Tex.,Arpk (109) Kerrville,Tex.,West End (125) Memphis,Tex.,Mun.(85)New Braunfels,Tex.,Faust (111) **St.** Jo,Tex.(109) Snyder,Tex.(107,121) Stanton,Tex.(107,121) Philipsburg,Pa.,Black **Moshannon (51)** Myrtle Beach,S.C.,Parks(119) Clinton,Tenn.,Clinton-Oak Ridge(93) Churchill,Tenn.(93) Jacksboro,Tenn.,LaFollette(93)Loudon,Tenn.(93) **White** Pine,Tenn.(93) Donna,Tex.,Woods(123) Robstown,Tex.,(123)

JUNE 24,1947

Sweetwater,Avenger (107,121)
Taft-Worsham (123)
Taylor (125)
Teague,Cage (109)
Temple,Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (83)
Texon, Parker(107,121)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde,Garner(121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Velasco,Carter (127)
Vernon (85)
" Int. (85)
" Victory (85,107)
Victoria (123)
" Aloe #10 (123)
" Foster (123)
" Foster #4 (123)
Waco A, R (109)
" Mun. (109)
" Blackland(1) (125)
" Rowland(125)
" Rissel (109)
Waxahachie A, FM (109)
" Ellis Co. (109) (109
Weatherford A, FM 111)
" Parker Sky Ca
Webster FM(127) (111)
Wellington (85)
Weslaco,Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch(107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A,R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A, H(111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (79)
Bountiful,Sky Haven(23)
Brigham (23)
Bryce Canyon R,A(79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R,A (79)
Ephraim,Manti-Eph(23)
Fairfield A, R (23)
Fillmore (79)
Goulding Trading Post
" Monument Val'y(81
Grantsville (23)
Hanksville R, A (81)
Hanksville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co.(23)
Low Figt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Barre-Montpelier (18)
Bennington (55)
Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox (55)
Montpelier R (18)
Newport (18)
Rutland,(55),
St.Johnsbury,Brown(18)
Springfield,Hartness
Swanton,Austin(18) (55)
Vergennes FM (18)
White River Junction
" Twin State (55)

VIRGINIA

Alberta (97)
Alexandria A, FM (67,69)
" Beacon (69)
" Crossroads (69)
Altavista (95)
Annandale,Springfield
Arcola R (67) (69)
Bedford (95)
Big Spring Gap
" Powell Valley (93)
Blacksburg,V.P.I.(95)
Blackstone A,R (97)
Bristol (93)
Cape Charles (97)
Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM,A (93)
Chincoteague T,R (67)
Clarksville- Finchley
Clover (95) (97)
Covington(65)
" -Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (95)
Dawn FM (67)
Deep Creek FM(97,141)
Drivers,Monogram(141)
Eclipse FM(97,141)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (93,95)
Gordonsville A,R (65)
" Int. (65)
Greys Pt.,Hummell (67)
Hampton,Peninsula(141)
Harcom (67)
Harrisonburg,Hartman
Herndon FM (67,69) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (97,141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Figt Strip (67)
Milford (67)
Montvale,Buford's (65)
Mt.Vernon H,FM(69 (67)
Narrows (65)
Norfolk R, T (97,141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS,East R,T(97,141)
" S. Norfolk (141)
Oceana T (141)
Ononcock,Johnson (67)
Orange Co,(Orange)(65)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth,Cumberland
Pulaski R,A (61,95) (141)
Pungo (141)
Quantico R,T (67,69)
Radford (95)
Richlands (61)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton,Zieger (67)
Waverly (141)
Waynesboro,Augusta
" Valley (65) (65)
Weems,Currell's (67)
Weirwood,Kellam (67)
West Point (67)
Williamsburg,Scott(97)
" Wm & Mary (97)
Winchester (65)
Windsor,Garner (141)

WASHINGTON

Aberdeen,Moon Isl (2)
Almira, "JZ" (3)
Arlington,Aero Sch (2)
Auburn (143)
Bellevue, Lake (143)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)
Bremerton,Kitsap Co. (143)
Burlington,Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas,Groves (143)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Clarkston,Asotin Co.(3)
Cle Elum (2)
College Place
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Is.(2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A,R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville,Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City(3)
" Vista (3)
Kent (143)
Kittitas,Cameron (2)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
McChord R, T (2,143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon Barker & Dean (2)
" OLF T (2)
Neah Bay R (2)
Newport (3)
North Bend,Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,Evergreen
Oroville,Scott (3) (143)
Pasco (3)
Pateros,Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (143)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma(
Quillayute (2) (143)
Renton,Boeing-Renton (143)
Republic,Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (2,143)
" NAS H,T (143)
" Boeing T (143)
" Seattle-Tacoma(143)
Shelton,Mason Co. (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway,Forest Grove
" Acft.Co.(143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk(143)
" Lakewood (143)
" McChord R,T (143,
Toledo-Winlock (2) 2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)
Washougal FM (2,143)
Washtucna (3)
Wenatchee, Fancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T
Wilbur (3) (2)
Winthrop,Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (2)

[redacted]VIRGIN

Beckley, Scott (61,63)
Buckhannon,Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (61,63)
" Bollinger (61,63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65,61)
Hollidays Cove
" Weirton (65)
Huntington R (61,63)
Logan (61,63).
Marlinton (65)
Martinsburg A,R (65,67)
" North End (67)
Moorefield (65)
Morgantown A,R (65)
New Cumberland, Herron (65)
Parkersburg,Stewart
" Wood Co.(61,63) (61,63)
Paynesville H (61,63)
Pence Spgs, Hinton
Alderson (65,61)
Petersburg (65)
Princeton (63,61)
Ravenswood (63,61)
Romney (65)
Ronceverte (65)
Spencer,Roane Co.(63,
Sutton (65,61) 61)
Terra Alta,Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co.R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson,Morris(61,63)
Winfield,Clark (61,63)

WISCONSIN

Amery (14)
Antigo (15)
Appleton, Outagamie(15,
Arbor-Vitae(15) 31,
Ashland (14)
Baraboo,Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder (15)
Boyceville (14)
Brodhead,Bill's (31)
Camp Douglas -
Camp Douglas - Camp Williams(29,
Camp McCoy (29) 31)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,31) 31)
Colby-Abbotsford (14,
Cumberland Mun. (14)
Dallas (14)
Darlington,Red Rock (29,31)
DePere, Nicolet(15,31)
Durand, Schlosser(14)
Eagle River (15)
Eau Claire.(14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Mason Lake (14)
Fond du Lac (31,15)
Genessee FM (31)
Grantsburg (14)
Green Bay, Brown Co. (15,31)
Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly.Svc. (14)
Janesville City (31)
" Rock Co. (31)
Kenosha A,FM (31)
Kohler (15,31)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co(14)
Lake Delton, Wisconsin Dells Lake Delton(31)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29,31)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford,Taylor Co(14)
Manitowoc (15,31)
Manitowish
" - Waters Arpt (15)
Marshfield (14,31)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Val'y Arwys
Neillsville(14) (15,31)
Oconto Mun (15,31)
Oconto Falls (15,31)
Omro, Ginnow (15,31)
Oshkosh
" Winnebago Co.(15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage,Mael (31)
Polaski,Kubiak's (15,31)
Racine,Horlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Sextonville,Richland(15,31)
Shullsburg (29,31) 31)
Shawano (15,31)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15,31)
Sturgeon Bay
" Cherryland (15,31)
Sturtevant,Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29,31)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co. (31)
Waupaca (15,31)
Waupun (31)
Wausau,Alexander (15,31)
West Bend Fly.Svc(31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City(15,31)

WYOMING

Afton (23)
Archer LFM (35)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R,T (31)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lowell-Bryon (7)
Douglas A, H (26)
Dull Center, Hoadley (27)
Evanston (23)
" City (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (26,31)
" Brees (26,35)
Lingle (27)
Lusk (27)
Meadows FM (35)
Medicine Bow (26,31)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM(26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (26,31)
Riverton (26)
Rock Springs (new)
" Mun. (26)
Saratoga (26,31)
Sheridan R, LFM (7)
" Sheridan Co. (7,31)
Silver Crown FM(26,
Sinclair R, A (26,31)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (26,31)
Wheatland (27)
" East Side (27)
Worland (26)

NEW FACILITIES: Bristol,Va.,Combs (93) Spokane, Wash.,Manito(3) Seattle,Wash.,Bellevue (143) Lovell,Wyo.,Mun. (7) Meeteetse,Wyo.,Mun.(7) Shoshoni,Wyo.(26) Hurricane,Utah (79) Salina,Utah,Salina-Gunnison(23) Marysville,Wash.,Marysville Bay Meadows (2) Iron River,Wis.,Union (14) Colchester,Vt.,Champlain (18) East Montpelier, Vt.,Fairmont (18) Middlebury, Vt. (55) Thetford,Vt.,Post Mills (55) Richmond,Va.,Parnell(67) St. Albans,Vt.,Point Hill (18) Spencer,Wis.(14) Elma,Wash.(2) Mossyrock,Wash.(2) Montesano,Wash.,Summit(2) Laramie,Wyo.(26) Moran,Wyo.,Signal Mt. (23) Vernon,Tex.,Arpk (107) Portsmouth,Va.,Roosevelt(141) Berlin,Wis.(15,31) Boscobel,Wis.(29) Coloma,Wis.(15,31) Lancaster,Wis.,Fly.Svc.(29) Lemonweir,Wis,Mauston(29,31) New Lisbon,Wis,Tucker Fly Svc(29,31) Owen,Wis.(14,31) Platteville,Wis.,Platte (29,31) Rothschild,Wis.,Wisconsin Valley (15,31) Shell Lake,Wis.(14) Thorp, Wis.(14) Thorpe,Wis.,City (14) Wonewoc,Wis,Castle Rock(29,31) College Place,Wash.,Sky Ranch (3) Lemmington,Vt.,Lemmington-Colbrook(18) Brodnax,Va.,Pennington(97) Chatham,Va.,Chatham-Gretna(95) Culpeper,Va.(65) Culpeper,Va.,Reynolds(67) Elkton,Va.(65) Independence,Va.,Cox(93,95) Luray,Va.(65) Norfolk,Va.,Norview(141) Portsmouth,Va.(141) Suffolk,Va.,Peanut City(141) Timberville,Va.,New Market-Timberville(65) Virginia Beach,Va.,Thalia(141) Waynesboro,Va.(65) Harrington,Wash.,Armstrong's Ranch(3) Klipsan Beach,Wash.,Ocean Park (2) Longview,Wash.,Vision(2) Cumberland,W.Va.,Herron(65) Taplin,W.Va.,McDonald(61,63)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aricraft not equipped to receive VHF **or HF.**

A minimum of 30 minutes will generally be required to assemble a GCA **crew and** prepare the equipment for operation AFTER an alert has been received at those **locations** not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use ,transmitting and receiving, are as follows:

HF Communications	**VHF Communications**
3475,4890,6640 kcs.	**134.64,142.02,143.64 mcs.**

Navy GCA Units shall be prepared to control aircraft on the interim U.S. emergency frequency, 140.58 mcs, transmit and receive. Use of this frequency should be restricted to emergencies and routine check of communication equipment.

In addition to above, Navy GCA Units will be prepared to transmit on HF from 2000 to 18100 kcs. and receive on 1500 to 9050 kcs to aid any plane in emergency.

To promote flight safety, the Navy Department has made its GCA facilities available to civil aircraft for emergency use. Practice approaches by civil aircraft is restricted to multi-engine aircraft because of personnel and equipment limitations. Navy GCA Units shall be prepared to control scheduled aircarriers in emergencies on 140.58 mcs and 3117.5 kcs, transmit and receive. In addition arrangements shall be made to transmit GCA control instructions on tower low frequency either directly or by relay through the tower to aircraft in distress and not able to receive on any other frequency.

Call signs for all Navy GCA Units are the name of the field plus "GCA". Example: "Norfolk GCA".

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc.....". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower-operated GCA units at Washington National Airport, Chicago Airport. The Indianapolis GCA unit is not remoted to the tower. The La Guardia Field unit will be commissioned in the immediate future. The C.A.A. installations, however, are operating on a service test or experimental basis only, and for operator training, and can be used only for practice approaches and landings until further notice. No emergency landing service is available until these units are officially commissioned.

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs;109.5, 126.18 mcs.	3105,4495,6210, 3117.5 kcs;126.18, 118.1,118.7,122.5mcs.	Continuous
Indianapolis Arpt, Ind.	212 kcs;126.18 mcs.	3105,3117.5,4495, 6210 kcs;126.18mcs.	0800-1600 Mon. thru Fri.
LaGuardia Fld,N.Y.	118.7 mcs	3105,6210,3117.5 kcs, 118.7,140.58 mcs.	Opers 24 hrs during CFR.Ctc twr 20 mi. out before using.
Washington Nat.Arpt,D.C.	Ctc twr for GCA working freq.		Opers CFR only. Not for emerg use.

NAVY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums; hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS, N.J.	*,275 kcs	+	200', 1/4 mi.30-min.not.
Cherry Point MCAS, N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	*,126.18,128.70, 142.74 mcs,248kc	+,126.18,128.70 142.74 mcs.	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min. notice.
Jacksonville NAS (Lee Fld) Fla.	*	+	200',1/2 mi.15-min.not.
Miramar MCAS, Calif.	*	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*	+	100',1/2 mi.Continuous.
New York NAS (Floyd Bennett), N.Y.	*,388 kcs	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs	+	200',1/2 mi.30-min.not.
Oakland NAS,Calif.	*	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*,347 kcs	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*	+	200',1/2 mi.30-min.not.
Whidbey Island NAS, Wash.	*,278 kcs	+	100',1/4 mi.30-min.not.

Standard freqs = 3475,4890,6640 kcs; 134.64,142.02,143.64 mcs.
* **Standard**, 3117.5 kcs,140.58 **mcs, & HF from** 2000 **to 18100 kcs.**
+ Standard, 3117.5 kcs,140.58 mcs, & HF from 1500 to 9050 kcs.

ARMY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Hrs. of operation,etc.)
	Transmitting	Receiving	
Fairfield-Suisun AAF, Calif.	HF, VHF, 3117.5 kcs, 131.4 mcs.	350,3117.5 kcs or any freq between 1500-18000 on req	Cont during IFR;0900-2100 Mon-Fri;30-min notice other times.
Barksdale Fld, La.	HF, VHF	VHF,3117.5,4495, 6210 kcs. 116.1 mcs.	0800-1700 Mon-Fri;cont. during IFR; **40-min. not**ice other times.
Westover Fld,Mass.	137.88,140.58, 134.1,137.7 mcs.	137.88,140.58, 134.1,137.7 mcs; 3117.5 kcs.	On training status only. Should **not** be **used for ac**tual inst. low approach.
Andrews Fld, Md.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,4495,3117.5, 3105,6210kcs, 116.1 mcs.	Cont during IFR;0800-1700.CFR;30 **-m**in. **not**ice other times.
Clinton Co. AAF, Ohio	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,116.1 mcs, 1500-18000 kcs.	Cont during IFR;0800-2200 **CFR**; 30-min. **not**ice other times.
Langley Fld, Va.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF, 3105,3117.5 4495, 6210 kcs; 116.1 mcs.	Cont during IFR;0800-1630 CFR; 40-min. **not**ice other times.
Mitchel Fld, N.Y.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,3105,3117.5, 4495,4765 kcs, 116.1 mcs.	Cont. during IFR;training flights 0900-1130 **&** 1300-1630 **during** CFR; **40-min.** notice **other times.**

HF= 3475, 4890,6640 kcs. VHF = 126.18,134.1,137.7,137.88,140.58 mcs.

N.B. Weather minimums: For clearance purposes **minimums established in** TO-08-15-3 or AAF Regulations **60-16** apply.

. N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts.
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY ––•–	

1 •–––– 3 •••–– 5 ••••• 7 ––••• 9 ––––•
2 ••––– 4 ••••– 6 –•••• 8 –––•• 0 –––––

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see ***FLIGHT INFORMATION MANUAL***

AIRPORT DATA
LEGEND

(Where city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A)	- Owned or leased totally by Army	
(N)	"	(N)	- "	Navy
(CG)	"	(CG)	- "	Coast Guard
(NG)	"	(NG)	- "	National Guard
(A)	"	-	Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detach. or contract gas usually available.	
(N)	"	-	Open to civilians but owned or leased wholly or in part by Navy.	
(CG)	"	-	"	Coast Guard.
(NG)	"	-	"	WD or State Govt, for Air Nat'l Guard. Lid sveg. and main. for transient military acft.
(P)	"	-	Civil airport opened to military acft. (See Note 3)	
★	"	-	CAA Intermediate Field	

CLASS
SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

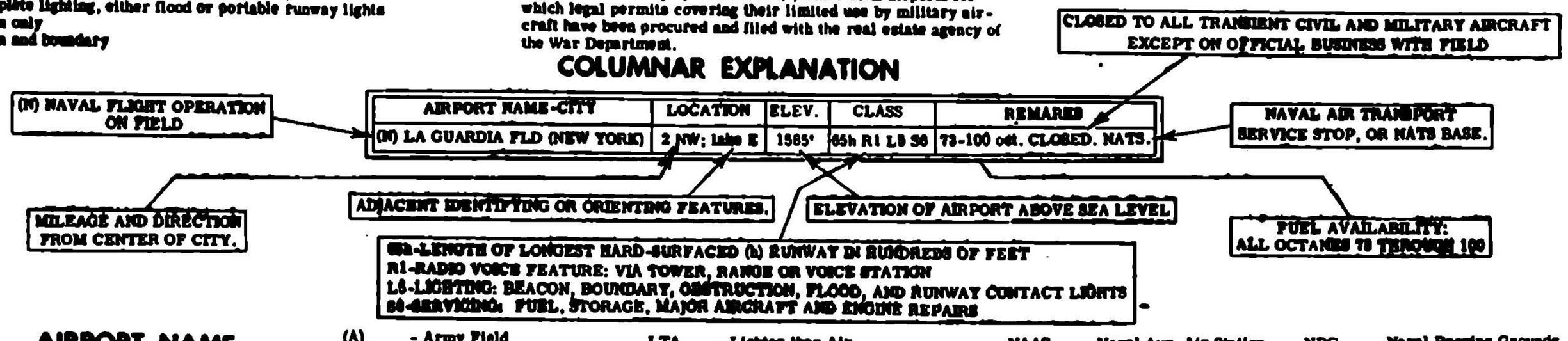
N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1" "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. ✱
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency. Only those private fields that are clearly identifiable from the air as airports are listed. Thus many personal use fields are not covered in the Guide because they are not marked or are too small.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.

? Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

JUNE 24, 1947

LEGEND

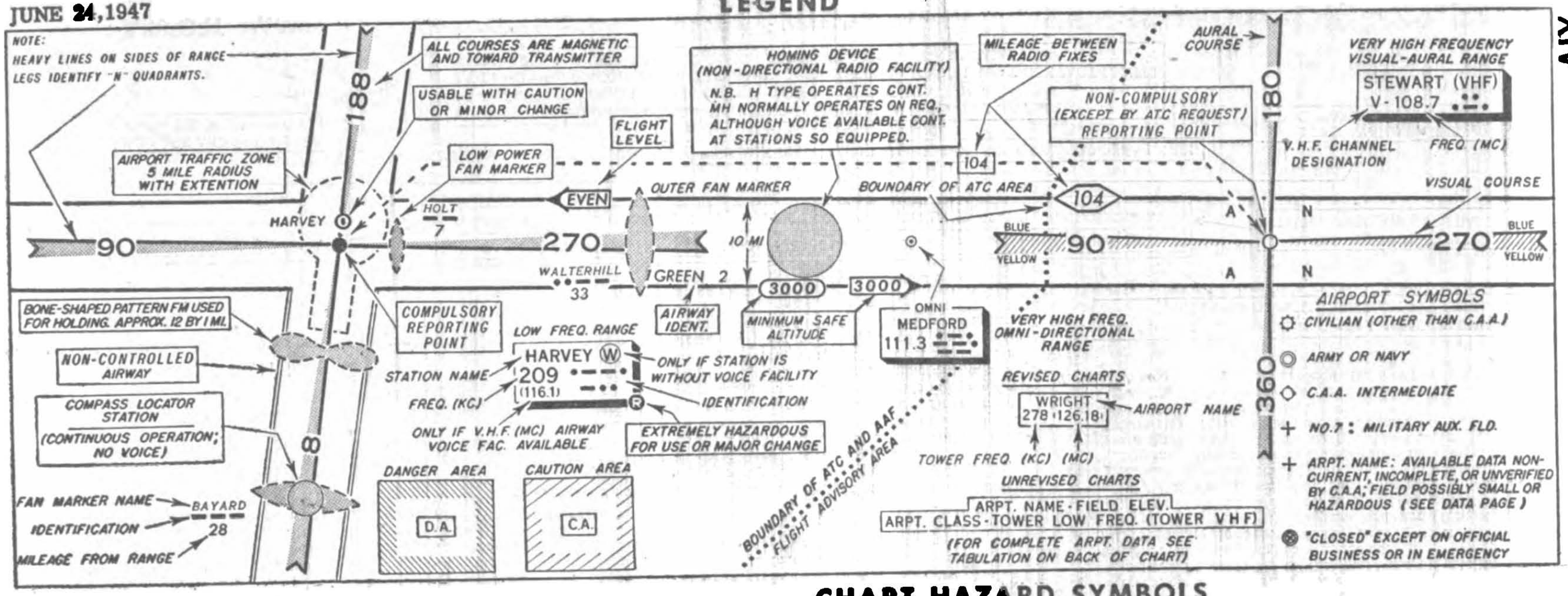


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages; (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways. These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range freqnency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

WARNING

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations, H stations, and commercial broadcast stations.

RADIO

OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA(Clatsop)	323(AST)	MRLZ; 99°,6.9	3105,6210 (7-17) Oper by Port of Astoria.
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS-W)
PORTLAND	332(PD)(vhf)	SBRAZ-DTV,171°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74 8-sunset,later on req
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

WASHINGTON

BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385(EB)(vhf)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
EVERETT (Paine)	224(MI)(vhf)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Toledo-Winlock Int.)	239(GL)(vhf)	BMRLZ-DTV,236°, 2.8	(4);116.1,122.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. . - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320(YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	AC;267°,4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)				
MAHLON SWEET (L6)	109.9	333.8	159°	IM-	MM- ·-·- (0.63)		OM- -- (4.5)	
					MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3177.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	267	33 S4	80 oct.
Albany	2.5 NE;RR NW	235	26 S6	80 oct. P-line SW. Trees S,SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE. Use strips.
(P) Clatsop Co. (Astoria)	3.5 W;riv E	10	57h R1	
Coastway School of Aeronautics (Tillamook)	1.4 E	55	29 S6	80 oct. Ctn when wet.
(P) Corvallis	4.9 SSW;hwy E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80 oct.
Dallas	1.2 N;RR S	372	23 S2	80 oct. ENE,WSW blkd.
Eugene Airpark	1.6 SW;rd W	420	28 S6	80,91 oct. Trees NNW.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	80 oct Soft when wet. Brush E.
Langmack (Sweet Home)	2 E;RR N	550	32 S2	80 oct. E blkd. Trees W.
Lebanon	1.3 SW; RR E	340	36 S6	80 oct.
(P) Madras	2 NNW;RR SE	2420	74h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy N	156	50h S6	80 oct, Trees SW.
(P) McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct. No sto.
(P) Newport	4 S;ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW;hwy SE	3237	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P) Roberts (Redmond)	1.5 SE;hwy N	3075	70h L S6	80,91 oct. Temp rnwy lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N) Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	Obst sur fld.
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk. (Eugene)	4.8 W;hwy S	420	25 S6	80,91 oct.

WASHINGTON

(N) Arlington Aero. School	3 SW;hwy W	129	53h L5 S6	80,91 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct. Trees NW. ARPT OF ENTRY
(P) BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S6	80,91 oct. Fld lgts prior req.
Blaine	0.5 E;RR W	15	15 S1	80 oct. P-line SSE. Ctn when wet.
(P) Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26	
(P) Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	3.2 WNW	290	52h S6	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW;hwy ESE	110	33 S6	80,91 oct. P-line WNW. Trees ESE.
(N) Coupeville OLF (N)	2 SE	193	54h	CLOSED. ARPT OF ENTRY.
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	3.5 NNE;riv N	15	21 S2	80 oct. P-line W,Ctn winter.
(P) Fancher (Wenatchee)	2.5 NE;hwy S	1440	33h L5 S6	80,91 oct. Fld lgts prior req. P-line SE.
Forks (NC)	1 SW;rd S	286	23 S1	80 oct. Trees ENE,WSW. HAZARDOUS
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE Ditch center HAZ-
Ilwaco	1.5 ENE;Bay S	8	20 S2	80 oct. ARDOUS.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso,61A,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P) Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N) Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P) Paine (Everett)	6.5 SW;hwy NE	602	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req. Mtns N,E.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg. only. Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N) Shelton NAAS (N)	See Mason County Arpt under "New Arpts" - name changed.			
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Pwrline S. Use strips only.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct, Rnwy data unver. Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S3	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct. Hills NNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct. P-lines NW. Ctn.
(N) Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	80,91,100 oct. Pole line S.

NEW AIRPORTS

Sky Acres (Brooks,Ore.)	1.6 NE;RR W	180	20 S1	Ltd 80 oct.
Seaside (Oregon)	1.5 NE;RR W	6	17 S4	80 oct. No sto.
Marysville Bay Meadows Arpk	2 N;rd W	60	13	(Marysville,Wash.)
Vision (Longview,Wash.)	6.2 NNE;riv N,E	20	31 S1	Very dangerous appchs,
Springfield (Ore)	1.6 ENE;hwy 0.5 S	460	20 S1	80,91 oct NW blkd Use with ctn.
Ocean Park Sky Port	0.5 S;hwy W	10	21	80 oct. Ctn-wet weather. P-line E.
Elma(Wash.)	0.8 S;rd W,riv S	60	26	P-line S. (Klipsan Beach,Wash)
Summit(Montesano,Wash.)	2.9 W;hwy S	190	22 S1	P-line W.
Mossyrock(Wash.)	1 W;hwy SW	613	19 S1	80 oct.
(N) Mason Co.(Wash.)	2.5 NW;hwy ENE	278	52h L S6	80,91 oct.
S & S Airstrip (Graham,Wash.)	3.9 N;hwy E	520	13	Twr NW. No Navy facs. Lgts prior req →
Whidbey Is (San de Fuca,Wash.)	1.6 N;bay S	185	16 S1	Tall grass SSW
				80,91 oct Trees N

2 SEATTLE

(U): USABLE WITH CAUTION
(R): EXTREMELY HAZARDOUS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.1R)
MOUNT VERNON OLF
SKAGIT VALLEY
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS. 353
BARKER & DEAN
ARLINGTON AERO
CGAS, PORT ANGELES 3295 (142.74)
COUPEVILLE OLF
MARYSVILLE
EVERETT
EVERETT 224 (111.1, 116.1)
DUNGENESS 62
CLALLAM CO.
CAMANO I
COUNTY-CITY
PAINE
SNOHOMISH
QUILLAYUTE
SEATTLE 260 (116.1)
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
INTERCITY
TWISP
PANGBORN
FANCHER
McCHORD AAF 272
HOBART
EASTON
EASTON 37
CLE ELUM
MASON CO.
LAKEVIEW 26
BOWERS
OLYMPIA
MOON IS.
WESTPORT
ELLENSBURG 385 (111.1, 116.1)
CAMERON
CHEHALIS CO-CITY
FOR DETAILS IN THE PORTLAND AND SEATTLE APEAS SEE CHART 143
YAKIMA CO. 278 (118.5)
TOLEDO-WINLOCK
TOLEDO 239 (111.1, 116.1)
YAKIMA 320 (116.1)
ASTORIA 323
OCEAN PARK
ILWACO
VISION
TOPPENISH
CLATSOP CO.
KELSO
SEASIDE
WOODLAND 23
STEVENSON 32
LA CENTER 12
WASHOUGAL
HOOD RIVER
ARLINGTON
WASH. 1 D.A.
BAY OCEAN
COASTWAY AERO.
PORTLAND 332 (111.1, 116.1)
THE DALLES
WASCO
THE DALLES 230 (116.1)
NAS. TILLAMOOK 520
NAS. TILLAMOOK 278 (142.74)
McMINNVILLE
WILLAMETTE 31
SKY ACRES
ADAMS
McNARY
DALLAS
RAY ADAMS
MADRAS
ALBANY
CORVALLIS JCT.
NEWPORT
LEBANON
CORVALLIS
LANDMACK
EUGENE 251 (116.1)
REDMOND 368 (116.1)
ROBERTS
PRINEVILLE
HARRISBURG
MAHLON SWEET
SPRINGFIELD
WILLAMETTO
BEND
CHEMULT
MEDFORD
EUGENE
MEDFORD 19

MILES
STATUTE

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN No 1
OKANOGAN LEGION
COLVILLE
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111.1 116.1)
SANDPOINT
COEUR D'ALENE 347 (116.1)
EUREKA
LIBBY
ANDERSON
CALKINS AIR TERMINAL
EPHRATA 269 (111.1 116.1)
CHELAN
DAVENPORT
FELTS 278 (118.5)
SPOKANE AAF 245 (126.1 B)
COEUR D'ALENE AIR TERMINAL
THOMPSON FALLS
WILBUR
COULEE CITY
HARRINGTON 45
EPHRATA
ARMSTRONG'S
SAVAGE
GEIGER AAF
WEEKS
LEMEN
MANITO
ROSALIA
ST MARIES
KELLOGG
SPRAGUE
HARRINGTON
MOSES LAKE AAF
RITZVILLE
LIND
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
LA CROSSE
WASHTUCNA
CONNELL
WASH 5 D A
WASH. B D A
PULLMAN MOSCOW REGIONAL
ASOTIN CO.
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
RICHLAND
PROSSER
PASCO
VISTA
MARTIN
TWIN CITY
WALLA WALLA AAF
CRAIGMONT
KAMIAH
PENDLETON 278 (118.7)
SKY RANCH
OREGON SKY RANCH
IDAHO CO
HERMISTON
BOARDMAN
CABBAGE HILL
PENDLETON AWYS SER
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111.1,116.1)
LA GRANDE 329 (116.1)
LA GRANDE
LA GRANDE
NEW MEADOWS
McCALL
BAKER 221 (111.1,116.1)
JOHN DAY
BAKER
CASCADE
WEISER
On request
ONTARIO 305 (116.1)
PAYETTE
PAYETTE
ONTARIO
BOISE 350
ELKO 22
SEATTLE 2
GREAT FALLS 6
10 ELLENSBURG
10 SUPERIOR
THE DALLES
SEATTLE GREAT FALLS
SEATTLE SALT LAKE CITY
ORE. IDAHO
WASH ORE
IDAHO MONT.
WASH. IDAHO
STATUTE MILES
MONT.

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(KO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	305(OO)(116.1)	MHV	(4);116.1,122.1
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Arpt.	278 (118.7)	C; 247°, 2.3	(4);122,5,118,7
WASHINGTON			
EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,3.9	(4);116,1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV	(4):116.1
Walla Walla AAF			DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E;riv SW	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3770	20	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	32 S1	73 oct. Maint. May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;dam S	3295	44 S4	80 oct.20' pole line W.
Kamiah	0.6 SE;riv E	1194	32 S1	80 oct.Trees SSE.
* Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	80 oct.
Landmark, USFS (Knox) (NC)	1.7 SSE	6680	23	ESE blkd.hills SSW.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S6	80 oct. P-line NE.
Orofino	1.3 NW;riv NE	1000	24 S6	80 oct.Ctn,Mtns ESE.
Payette	2 NE:RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW,RR S	2165	25	Trees E; hill W.
St. Maries	1.2 NW;riv S	2132	23 S2	76 oct.
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W.	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	27	80 oct.
Libby, USFS	1 NE;riv S,E,W	2090	30	Mtns sur fld.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE;hwy W	635	25 S2	80 oct. P-line ENE.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2,9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N			ABANDONED.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;hwy E	1100	16 S1	80 oct.Mtn W.
Asotin County(Clarkston)	0.6 N	760	34 S6	80,91 oct. Mtn 1 mi W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv SE	1250	26	Hills N,S,SW.Caution.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1290	29 S2	80 oct, 2000' mtn S.
Ephrata	2 SE,hwy NW	1258	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL FACS.
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	25 S6	80 oct.
Okanogan Flight Strip (Omak)	4 N;hwy E	1298	47h S1	80 oct.
Pasco	2.8 NNW,RR E	402	47h	CLOSED.
(P) Prosser	1.4 NW;riv S	685	40 S6	80,91 oct. Trees W. Poles NE.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;mtn S	800	30 S6	80,91 oct.WSW blkd.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	41 S1	80 oct. Pwr line SSW. P-line SSE.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct.Emerg lgts on prior req.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R2	CLOSED.
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				
Craigmont,(Idaho)	Adj NW;RR SW	3688	20 S2	80 oct.P-line E.
Manito Arpk (Spokane,Wash)	5 SSE	2450	21	P-line NE;trees SW Data unver.
New Meadows (Idaho)	0.5 N;hwy jct SE		26	Unusable in wet weather.
Armstrong's Ranch(Harrington, Wash.)	3 ESE	2220	25 S2	Data unver.

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4) 116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV:167°,2.0	(4);116.1
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DTV, 185°,1.3	(4):116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV: 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV:183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK–	OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	Mtns ENE.
Moose Creek,USFS (Red Riv.Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S1	80 oct,Mtns NE,

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S6	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;RR W	3810	39 S4	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S1	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 S1	80 oct.
→ Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114	70h L3	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S1	80 oct.All lgts prior req.
→ Fort Benton	1.3 NE;RR S	2870	27 S2	80 oct.Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80,91 oct.
Gates Park,USFS(NC)	35 W Choteau	5400	26	Sur by mtns.Closed to public
Geraldine Mun.	0.5 S;RR NE	3200	17 S1	Ltd 73 oct. Rough
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73,91,100 oct,JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S, Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.N,NW blkd.
Livingston	6 ENE;RR N,W	4656	62 S2	80 oct.
★ Int,10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S2	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S4	80,100 oct. No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct.No sto.30' Poles NW,NE.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
→ Rainbow Skyport (Gregson)	1 N;RR E,S	5030	40 S1	80 oct NE,SW,NW blkd.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4 WNW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S1	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-→ Twin Cities	2.2 ENE;riv 3 W	4000	40 L3 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38 S1	80 oct.
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R : EXTREMELY HAZARDOUS D : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT AT AIRPORTS)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE QUADRANTS.

CUT BANK
263
(116.1)

GREAT FALLS MUNI
278(118.7,126.1R)

GREAT FALLS
317
(116.1)

GREAT FALLS AAF
219(126.1R)

MISSOULA
308
(116.1, 111.1)

SUPERIOR
254
(116.1)

DRUMMOND
296
(116.1)

BUTTE
233
(116.1)

DILLON
379
(116.1)

HELENA
278 118.9
McDONALD PASS 18

HELENA
371
(111.1, 116.1)

WHITEHALL
284
(116.1)

BOZEMAN
329
(116.1)

LIVINGSTON
224
(116.1)

DUBOIS
388
(111.1, 116.1)

SALT LAKE CITY 23

OVER

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

BOTH HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

49°
110°
109°
108°
107°
106°
105° 30'
105°
25
35
50
48°
47°
46°
45°
44°

SCOBEY
CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK
ETCHART
VALLEY CO.
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
GREAT FALLS 6
BISMARCK 10
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
TO GREAT FALLS
FOREST GROVE
MOORE
LEWISTOWN 353 (116.1)
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
MILES CITY
MILDRED
TO DICKINSON
HARLOWTON
LAVINA
CUSTER
BILLINGS 278 (118.7)
RAPELJE
BIG TIMBER
LIVINGSTON 224
247
67
COLUMBUS
PARK CITY 21
BILLINGS 6
ZELKA
BIG HORN CO
GREEN 2
60
240
FORSYTH
MILES CITY 320 (116.1)
229
50
142
145
146
270
17
90
92
77
83
96
55
70
153
238
326
297 TO
118
208
28
BRIDGER
PED LODGE
ST. XAVIER
BONES BROS. RANCH
MINNEAPOLIS GREAT FALLS
MONT.
WYO.
POWELL
COWLEY-LOVELL-BYRON
LOVELL
SHERIDAN CO.
SHERIDAN 2
SHERIDAN 239 (116.1)
DENVER
UCROSS 17
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN
GILLETTE ARPK.
GREAT FALLS
SALT LAKE CITY
MEETEETSE
ROCK SPRINGS 26
CASPER 269
TO WRIGHT

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	AC(ILS-W):247°.L3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°.2.3	Sheridan
SHERIDAN	239 (ZY)(116.1	SBRAZ-DTV;298°,1.6	(4);116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- ·---(0.6)	OM- --(4.3)
					MMK-	OMK- 251 -···
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE, riv W	3000	31 S1	(NC) 80 oct.
* Bigtimber Int,13A, HL-Twin Cities	2.5 SSW, hwy N	4450	43 L3	
(P) BILLINGS	2.5 NW, RR S	3612	57h R3 L6 S6	80,91,100 oct.
(P) Bones Bros. Ranch (Birney)	2 ESE, crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE, rd W	2480	42	
Circle	1.3 E, RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE, RR N	3575	50 S1	80 oct. Poles W,E,NW.
* Custer Int,25,HL-Twin Cities	2.3 E; hwy N	2868	44 L3	Poles NNW.
Denton	2.2 SSW; hwy S	3850	26 S2	73 oct.
Etchart (Tampico)	0.5 NNW, RR S	2100	29 S2	80 oct. Trees SE.
Forsythe, 30 HL-Twin Cities	3 ENE; hwys S	2722	30 L3 S1	73 oct. Allway fld.
Fort Peck	1.6 W, hwy S	2294	30 S1	80 oct.
Gustafson-Anderson (Wolf Point)	0.8 NW, RR S	2040	26 S6	80 oct. Poleline E.
→ Harlem	2.3 NNE; RR S	2560	24 S2	80,91 oct. ESE blocked.
(P) Harlowton	2 WNW, riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW, lake E	2589	48h S4	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW, RR N	2950	24	
(P) Jordan	1.8 WNW, rd S	2637	40 S1	80 oct. Road W.
* Lavina Int,44B, CX-GT	1 WNW, RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW, RRNW	4177	100h R1 L5S4	80,91-oct. No flood lgts. Rnwy
(P) Malta Airpark	0.8 SW, RR N	2270	31 S1	80 oct. Shrubs NW.
* Mildred Int,38, → HL-Twin Cities	3.4 WSW, rd E	2535	37 L3	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N, RR S	1970	28	
(P) Rapelje	1 SE; lk NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N; hwy W	3500	37 S2	80 oct. Rough.
* St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W
(P) Scobey	1 NW, RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE, RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S, hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E, riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W, hwy N	3002	18	

WYOMING

Basin	2.5 NE; riv W	3775	32	Hills S.E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
Cody	2 ESE; hwy S	5084	50 S6	80,91 oct. P-line S.
Cowley-Lovell-Byron (Cowley)	2 NNE, rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct. Hwy E.
(P) Grey Bull	2 NW, hwy S	3900	71 S4	73,91 oct. Hill NW
(P) Powell	8 NNW	5054	42	Storage. P-line N,NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW, creek N	3961	61h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk. (Wyo.)	1.7 ESE, RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E; RR NNW	4100	19 S2	80 oct.
Lovell (Wyo)	1 SE; hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW; riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W; RR S		30 S2	80 oct S blkd Poles N

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

R A D I O — NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.4	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

A I R P O R T S — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990'	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S2	73 oct. Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24 S2	80 oct. P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N. FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

h-hard surface runways R-radio facility L-lighting facilities (P) Non-commercial ← NEW AIRPORT

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct. Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) Port O'Minot(Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct. Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-→ UI	5.1 N,hwy W	1906	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	0.8 S;riv ENE	2495	30 S2	80 oct. P-line W,SE.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct. (Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	80,91 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S	2675	32 S2	80 oct. N,NW blkd. P-line
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF NE.
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct. E,W,N,SE blkd.
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct. Pole E. Use strips only.
Wright(Williston,N.D	3.2 N	1860	32 S6	80,91 oct. P-line S,W. Use
Harding Co.(Buffalo,S.D)	0.5 E;riv 0.5 S		21 S	Fuel from town strips only.
→ McIntosh (S.D.)	1.3 E;lk SW			ABANDONED.
Universal(Bison,S.D)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct. Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy W	1790	30 S2	80 oct. Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct. Use strips only. P-line SW.
Selfridge (N.D.)	2 SW;RR 2 E	2100		80 oct. in town.

10 BISMARCK

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS.

105° 104° 103° 102° 101° 100° 49° 48° 47° 46° 45°

25 STATUTE MILES 0 25 50

CROSBY ○ PORTAL ○ SHERWOOD ○

PLENTYWOOD ○ MOHALL ○ BOTTINEAU ○

121 211 301 31

TOWNER ○ RUGBY ○

PORT O'MINOT ○

MINOT
209 ●:-

WRIGHT
CHANDLER O WILLISTON

PARSHALL ○
MILLER ○

SIDNEY O WATFORD CITY ○

4000 101 158 5000

FARGO II

+ ILO

WASHBURN ○

DICKINSON
308 (116.1)

BISMARCK
230 (116.1) O

GLENDIVE ○

GLEN ULLIN ○

JUDSON 27

DRISCOLL 30

BEACH ○ GOLVA ○ WORTH

MILES CITY
320

6000 69 GREEN 2 256 80 4000 250 5000 99

238 5000 153 100

NEW ENGLAND ○

DICKINSON

BISMARCK

TO JAMESTOWN

4000 AMBER 4 219 HURON

BAKER ○ + WYMAN

RHAME ○ BOWMAN ○

347 333

+ HETTINGER ○ SELFRIDGE

MONT. ND SD

LEMMON ○ McINTOSH ○

BILLINGS 7

HARDING CO. ○ UNIVERSAL ○ MOBRIDGE ○ RIBEYBERG ○

MINNEAPOLIS DENVER MONT. WYO. SD

165 168 348

BLACK HILLS ○ NEWELL ○

RUSHMORE

0A

RAPID CITY
221 (116.1)

PIERRE
347 (116.1)

GERONIME
HALLEY

RAPID CITY AAB
396 1126.1B9

144 6000 RED 31 69 On request

246 5000

PHILIP ○

PHILIP
206 (116.1)

PIERRE

HURON

OVER 132 HIGHLIGHT R 2 10000 66

CHART 27

105° 44° 100°

FARGO 11

• COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY QUADRANTS.

49° 100° 99° 98° 97° 96° 95°
48° 47° 46°
N.D. MINN.
STATUTE MILES 0 25 50

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
HARVEY
NEW ROCKFORD
MOHR
MATHLNY
JAMESTOWN
DAWSON
BISMARCK
ROSEAU
THIEF RIVER FALLS
CROOKSTON
TWIN VALLEY
CONRAD BROS.
WEST FARGO
VALLEY CITY
WALKINSHAW
PARK RAPIDS
DETROIT LAKES
WHEATLAND
BARNESVILLE
FARGO
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WADENA
ASHLEY
BRITTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
BENSON
APPLETON
WILLMAR
MORRIS
GLENWOOD
ALEXANDRIA
ABERDEEN
WEBSTER
BIEDENFELT
GETTYSBURG
DEITER
MADISON
MONTEVIDEO
REDWOOD FALLS
WATERTOWN
LAKE POINSETT
MARSHALL
LAKE BENTON
OLDHAM
BROOKINGS
CARTHAGE
SIOUX FALLS
SMITTY SKY RANCH
PLANDREAU
WESTBROOK
MILLER
W. W. HOWES

PEMBINA 260
FARGO 365 (116.1)
JAMESTOWN 344 (116.1)
GRAND FORKS 278
BISMARCK 230
ASHLEY (WI) 206
ABERDEEN 329 (116.1)
HURON 353 (111.8, 116.1)
PIERRE 347
WATERTOWN 382 (116.1)
WILLMAR 254 (116.1)
ALEXANDRIA 239 (116.1)
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

CHART 28

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.5	(4); 116.1
MINNESOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C, 260°, 0.9	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
→ ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1,122.1
HURON (W.W.Howes	353(HR)(vhf)	BMRLZ-DTV,44°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S4	80,91 oct.No sto.Fld lgts on req.
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct.P-line S.
→ Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 L1 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S6	80 oct.P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct.P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct.No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
Oldham (S.D.)	1 ESE	1668	25	Use strips only.Poles N.
Gettsburg (S.D.) (S.D)	1.5 S;dams 1 SW	2082	27 S4	80oct.Use strips.Poles S,W.
Lake Poinsett(Arlington)	4 3 ESE;lk,hwy E	1680	22 S2	80oct.Use strips.Poles SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.
(See page XIII) (NC)-not charted → NEW OR REVISED DATA.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct.Port lgts on req.
(NG) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
Homestead(Wynd-mere)	6.2 N,hwy W	1100	16 S1	80 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1493	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct.P-line N,NW.
→ Lisbon	0.8 SSW	1151	21 S1	73 oct.Polelines N,S.Tank NE.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct.No sto.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N, RRW	1533	32 S6	80 oct.No sto.P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY.
Rolla	1.5 N;hwy E	1850	25 S4	80 oct.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71	1.5 NW,riv NE	1375	38h L1	(HL-Twin Cities)
Walkinshaw (Argusv'l)	4.5 W/NW	895	23 S2	80oct. N blkd.
SOUTH DAKOTA				
(P) Aberdeen	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Dieter (Redfield)	6 E;RR S'	1300	25 S1	80 oct.P-line sur fld exc.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld E,W
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
Webster	3 S;hwy W	1848		Poles NE,W,NW Use ctn
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct Pwr line SE,NNE
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct.Pwr line N,W,NW.
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct.Allway fld.N,NE,
Smitty Sky Ranch	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
Bell (Devils Lake,N.D	2 SSE;	1478	30 S6	80 oct. (Minn)
Erskine-Gunther	2 ENE;lake S	1150	23 S1	80oct.P-line ENE(Erskine,
Lake Preston (S.D.)		1725	18 S2	80oct.Stacks E.Rough Poles
Conrad Bros.(Page,N.D)	4 E	1080	15 S2	80 oct.

RADIO

MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DULUTH	221(DH)(116.1)	SBRAZ-DTV	130°,3.9 (4);116.1
HAMEL FM	(- - - -)	FM, 298°, 24	Minneapolis
HASTINGS FM	(- -)	FM, 118°, 10.2	Minneapolis
JORDAN-FM	(- - -)	FM, 238°, 26	Minneapolis
MINNEAPOLIS (Wold Chamberlain Field)	266(MP) (116.1)	SBRAZ-DTV	(3):116.1
WOLD CHAMBERLAIN (Minneapolis)	278(126.18) (118.3) +	AC(ILS):298°3.6	(4);122.5,126,18,118,3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9 ·---·	333.8	354°	IM-	MM- ·-·- (0.76)	OM- --· (4.7)	
					MMK-201 ·-·	OMK-219 --	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Gogebic Co. (Ironwood)	4.5 NNE; RR S	1246	24 S4	80 oct. Soft when wet. Poles S.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Anderson (Cocato)	2.6 ENE,RR S	1020	23 S1	80 oct.Poles S; trees W.
Anoka Flying Service	1.2 SE	896	19 S6	73,91 oct.Poles NE;629' twr SE.
Baudette	0.8 NW;riv N	1080	27 S4	80 oct.No sto. ARPT OF ENTRY
(P) Bemidji	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Brainerd	1.3 SSE,hwy W	1210	25 S6	80 oct.
(A) Camp Ripley (Little Falls)	7.5 N, riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton)	0.7 NE,RR W	870	30 S6	80 oct.Flares on req.Obst sur fld.
→ Cedar (Minneapolis)	8.5 S, RR W			ABANDONED
Coleraine	0.8SSE;lakeSE	1390	25 S4	80 oct.
Ely	1.2 E	1425	24	Trees sur fld.Not Maintained.
Faribault	1.6 S,hwy W	1060	20 S1	80 oct. Pwr line W.
(N) Fleming (South St. Paul)	1.8 S;riv NE	822	15h S6	80 oct.No sto.Flares on prior req. Rdo rprs.
→ Flying Cloud (Minneapolis)	13.8 SW, riv S	900	30 L1 S6	80 oct. P-line S,NE.
Gervais (Tofte)	1.2 NE,hwy S	800	28 S5	80 oct.
Grand Rapids	1.5 SSE,lake NE	1293	25 S6	80 oct.
Hector	0.7 S, RR N	1100	25 S1	80 oct.Poleline W, NW, SW.
Heywood Gull Lake (Nisswa)	1.7 SSW,lake S	1200	18 S2	80,91 oct.
(P) Hibbing	4.5 SE	1367	40h L4 S6	80,91 oct.Lgts on req.
Kenyon	0.8 S;RR E,N	1240	20 S1	80 oct.Poleline N, NE.
(P) Lake City (Frontenac)	0.5 SE,RR N	775	44 L3 S6	80 oct.
Le Sueur	1.1 S,riv W	900	24 S4	80 oct.No sto.Rolling.
Litchfield	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork	1.8 WNW,riv E	1153	19 S2	80 oct. Poleline S.
Mankato	1.7 SE,hwy W	996	29 L1 S6	80 oct,Flare pots on req.P-line NE,SE.
(P) Monticello	See Hincks Arpt under "New Airports" - named changed.			
(P) New Ulm	1.8 W; RR N	1000	32 S1	80 oct. Poleline N. Hwy N.
Northport (White Bear Lake)	3.2 E;lake W	1000	22 S6	80,91 oct.
Osseo	2 NE	875	30	Data not verified.
(P) Otis Lodge (Grand Rapids)	7.5 SW,lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Pleasant Corners (Dodge Center)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S, W blocked.
Princeton	1 NNW;riv N	976	21 S4	80 oct.Trees N,W.Use strips only.
Robbinsdale	0.8 NW,RR E	879	14 S6	80 oct. Obsts N, S.
Springfield	0.5 W;hwy N	930	22 S1	80oct.P-line ENE,E,ESE,WNW.
(NG) St. Paul	1.5 SE,riv E,N	704	55h L4 S6	80,91 oct. 100 oct.N.G.
St. Peter	2.4 NNW,riv E	900	20 S4	80 oct.No sto.P-line S
Sells Flying Field (Mayer)	0.4 SSE	750	12 S6	(NC) 80 oct.Hill N end.Ctn.
Taylor Falls	1.5 W;riv E	950	23 S6	80 oct.
University of Minnesota (New Brighton)	3.8 N, hwy W	909	34 S6	80 oct. Trees E. P-lines W,NW,SW,N.
Victory (Minneapolis)	9 N, riv E	860	39 S6	80,91 oct.P-line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Virginia	2 WSW,bet RRs	1429	35 S4	80,91 oct.P-line N.
Waseca	0.5 S,RR NW	1150	39 S2	80 oct. Poleline N.
(P) Whitney Memorial (St. Cloud)	1.5 NNW;riv E,N	1034	35 L3 S6	73,80 oct.
(P) WILLIAMSON-JOHNSON (Duluth)	See Duluth under "New Airports" - name changed.			
Winona	4.5 WNW	670	24 L3 S6	80,91 oct. Hwy NW.
(A,N) WOLD CHAMBERLAIN (Minneapolis)	6.5 SSE,hwy S	834	59h R3 L4 S6	80-100 oct. JP-1. Rdo rec required. N blkd. Ltd maint facs for mil acft- Open to all acft.
→ Wyman (Aitkin)	1.3 N,riv S			ABANDONED

WISCONSIN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Amery	3.4 NNW;lk SW	1100	26 S6	80,91 oct.SE blocked.
Arrowhead (Rice Lake)	½ SSE;lake S	1190	24 S4	80 oct. Use landing strips only.
Ashland	2.5 SSE,RR E	700	19 S2	80 oct. Use strips only.
Boyceville	0.5 E;RR N	948	21 S2	80 oct. P-line W,N,NE.Use strips only.
Boyd's Mason Lake (Fifield) (NC)	13 WSW,lake NW	1200	30 S1	80 oct. N,E,W blkd.
Chetek	1.5 SE,lake E	1050	22 S2	80 oct.P-line S,SE.Use strips only.
Chippewa Falls	2 S,RR NW	910	26 S6	80 oct.P-line SW,W. NW,S blkd.
Colby-Abbotsford (Colby)	1.2 NNW,RR E	1400	26 S4	80 oct. P-line NNE.
Dallas	0.7 SSE,RR W	1100	26 S2	80 oct.S blkd.
Eau Claire	1.5 SSE,hwy N.	884	31 S6	80,91 oct. Obsts sur fld.
(P) Eau Claire Municipal	3.5 NNE,riv NW	885	43h	Trees SW.
(P) Hayward	2 NE,RR NW	1200	30 S4	80,91 oct.
Hudson Flying Service	3.8 E,hwy N,W	850	18 S1	80 oct.P-line NE,SW.Use with caution.
Jackson Co. (Black River Falls)	2 E, RR W	855	28 S6	80 oct. P-line W,NW,S,W.
Marshfield	2.3 SSW,RR NE	1253	26 S6	80 oct. Flare pots in emerg.
Neillsville Memorial	5.7 W,hwy SW	1000	24 S1	80 oct. Trees around fld.
(P) Phillips	1.2 N,riv S	1140	30	Poleline W,SW
Pines (Bloomer)	0.9 E,RR W	1050	16 S2	80 oct. Poles S, W. Rough.
Price Lake (Phillips)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but lake appch.
Rice Lake	3.5 NNE,RR W	1150	37 S4	80 oct. Poles sur fld.
(P) Richard Bong (Superior)	2.3 S;RR E	674	33 S6	80 oct.Pole line SE. 353' twr NW.
Rusk County (Ladysmith)	2.8 SE, RR SE	1150	25 S2	80 oct. Use strips only.
(P) Schlosser (Durand)	2.4 NNW,riv W	800	32 S2	80 oct. P-line NE.
Spooner	5 N	1072	20 S1	80 oct.Data not verified.
Taylor County (Medford)	2 SE;riv NW	1400	21 L S1	80 oct.Pole line N; Flares on req.
→ Veterans (Menomonie)	0.4 W,riv W			ABANDONED.

NEW AIRPORTS

Owatonna (Minn.)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P) INTERNATIONAL FALLS, Thorp (Wis) (Minn.)	2.2 S 1.4 SSW	1175 1225	30h S4 20 S1	80 oct.No sto.
Aitken Mun. (Minn.)	1.7 ENE;riv W	1208	26 S1	80 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn.)	1.2 NW;lake W	1350	23 S1	80 oct.P-line NE.Use strips only.
Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
Sky Harbor Lodge (Pine River, Minn)	1 NE;lake NW	1340	26 S1	80 oct. P-line N,S,W. Trees E.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct. Use strips only.
Grantsburg (Wisc)	1.5 NNE;riv S	870	13 S2	80 oct.Trees NE,SW.Use strips.
Rainbow (Winter, Wisc)	4.2 WSW;riv S	1265	19 S1	80 oct. W approach hazardous.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
Barron, (Wisc.)	1.1 ENE;riv W	966	26 S2	80 oct.E blkd.P-line W.
Cumberland, (Wisc.)	3 SE;lake NE		26 S4	80 oct.No sto.N,S blkd.
Hultquist's Sky Ranch (Minong, Wisc.)	1.9 W;lake W	1180	13 S4	80,91 oct.No sto.Trees S,N.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct.P-line E.
Hutchinson, (Minn)	2.5 SSE	1052	28 S1	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct.P-line SSE.
Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.
Pine Beach (Brainerd, Minn)	8.8 NW;lake N	1250	21 S1	80 oct.P-line NW,W,SE,E.
Union (Iron River, Wisc)	2.2 WNW;RR 5 S	1100	19 S1	80,91 oct.E blkd.Use strips only.
Spencer (Wisc.)	0.5 WSW;hwy N		22 S2	80 oct.Fence S,SW.Data unver.
(P) Hincks (Monticello, Minn)	1.3 NNE;riv SSW		44 S6	80 oct.P-lines S,SW.
→ Thorp City (Wis)	0.6 SSE;RR N	1225	22 S1	80 oct Hwy N
→ Shell Lake (Wis)	1.2 SE;RR W	1214	28 S1	80 oct.Trees N,NE,S Lake N,E,S.
→ Owen (Wis)	0.7 NE;RR S	1270	19 S1	80 oct.P-line N,NE,SW,W,NW Hwy S.
(P) DULUTH (Minn)	6.5 NNW;hwy S	1428	57h R1 S6	80,91 oct.Closed nghts except airlines ARPT OF ENTRY.
→ [illegible]	[illegible] N, [illegible] NW	1072	26 S1	80 oct Trees S Use strips only.

14 MINNEAPOLIS

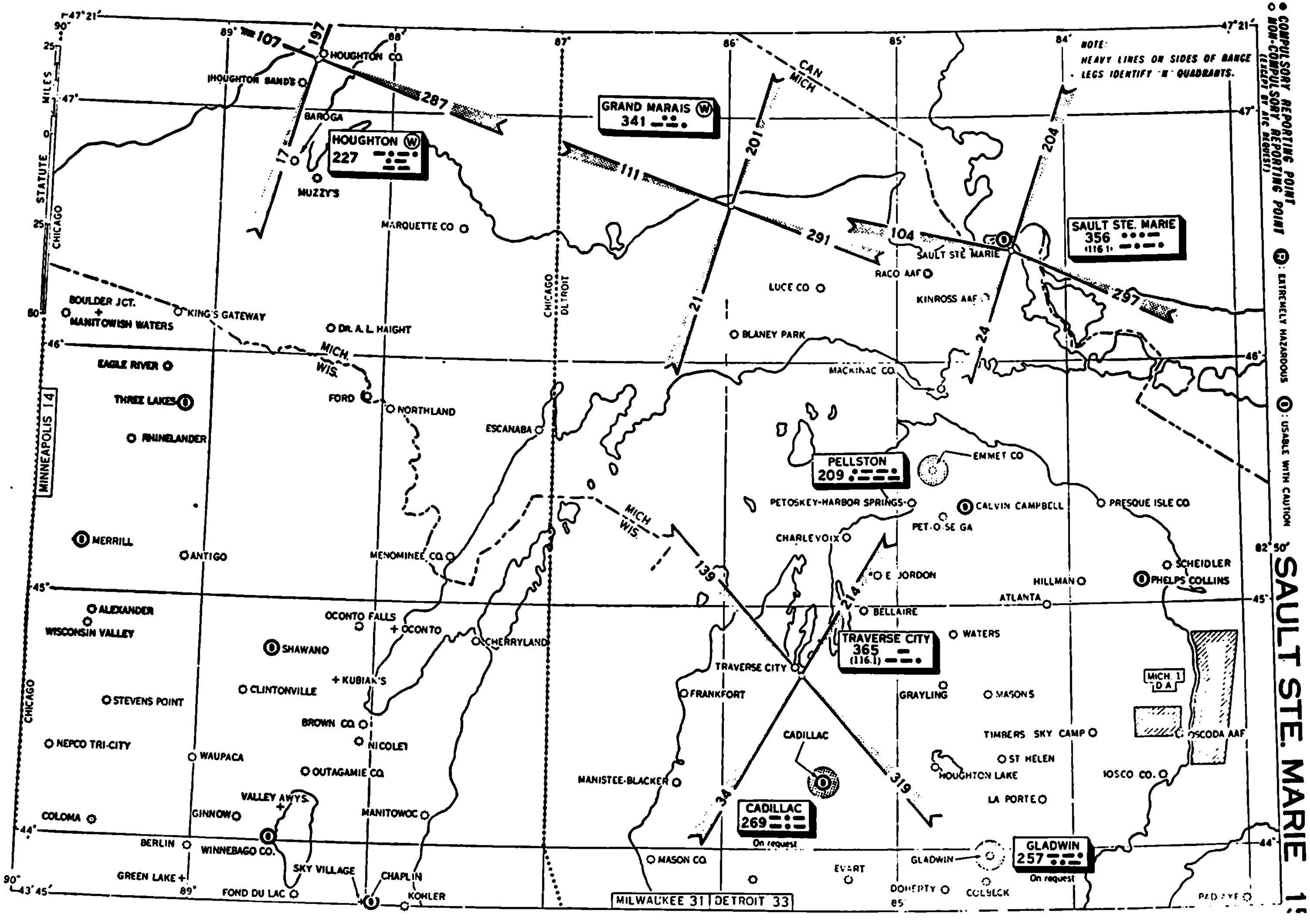
Ⓡ: EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
INTERNATIONAL FALLS
CAN
MINN
LITTLE FORK
ELY
GERVAIS
FORT WILLIAMS
BEMIDJI-PORT-O-WILDS
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTB LODGE
DULUTH
SKY HARBOR LODGE
DULUTH
221
(116.1)
RICHARD BONG
UNION
ASHLAND
WISC.
MICH.
GOGEBIC CO.
FARGO 11
PINE BEACH
HEYWOOD
CROSBY
AITKIN MUN
STAPLES
TODD
BRAINERD
MILLER
CAMP RIPLEY
WISC
MINN.
HULTQUIST'S
HAYWARD
SPOONER
RAINBOW
BOYD'S
PRICE LAKE
PHILLIPS
GRANTSBURG
SHELL LAKE
ARROWHEAD
ALEXANDRIA
239
WHITNEY MEM.
PRINCETON
CUMBERLAND
RICE LAKE
RUSK CO.
BARRON
TAYLOR FALLS
AMERY
CHETEK
HINCKS
ANOKA
VICTORY
U. OF MINN.
LITCHFIELD
KENTOBY
ANDERSON
OSSEO
MINNEAPOLIS
266
(116.1)
DALLAS
PINES
TAYLOR CO.
WILLMAR
254
HAMEL
24
NORTHPORT
HUDSON
BOYCEVILLE
THORPE CITY
OWEN
ROBBINSDALE
ST. PAUL
FLEMING
CHIPPEWA FALLS
THORPE
COLBY-ABBOTSFORD
HUTCHINSON
EAU CLAIRE MUN.
WOLD-CHAMBERLAIN
278 (118.3, 126.1R)
RASTINGS
16
RED WING
EAU CLAIRE
HECTOR
LAKE CITY
SCHLOSSER
MARSHFIELD
BLEICK
FLYING CLOUD
JORDAN
26
NEILLSVILLE
SIOUX FALLS
245
234
NEW ULM
LE SUEUR
CARLETON
RED WING
ROCHESTER
236
JACKSON CO.
ST. PETER
FARIBAULT
KENYON
WINONA
LA CROSSE
371
236
SPRINGFIELD
MANKATO
WASECA
OWATONNA
PLEASANT CORNERS
RED 36
WISC 2
D A
OVER
CHART 29


● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
SAULT STE. MARIE 1
SAULT STE. MARIE
356
(116.1)
GRAND MARAIS
341
HOUGHTON
227
TRAVERSE CITY
365
(116.1)
PELLSTON
209
CADILLAC
269
On request
GLADWIN
257
On request
HOUGHTON CO
HOUGHTON SAND'S
BAROGA
MUZZY'S
MARQUETTE CO
SAULT STE MARIE
RACO AAF
KINROSS AAF
LUCE CO
BLANEY PARK
MACKINAC CO
EMMET CO
PETOSKEY-HARBOR SPRINGS
CALVIN CAMPBELL
PRESQUE ISLE CO
PET-O-SE GA
CHARLEVOIX
E JORDON
HILLMAN
SCHEIDLER
PHELPS COLLINS
ATLANTA
BELLAIRE
WATERS
TRAVERSE CITY
FRANKFORT
GRAYLING
MASONS
MICH 1 DA
TIMBERS SKY CAMP
OSCODA AAF
ST HELEN
HOUGHTON LAKE
IOSCO CO.
LA PORTE
MANISTEE-BLACKER
MASON CO
EVART
GLADWIN
DOHERTY
COLSLCK
BOULDER JCT.
MANITOWISH WATERS
KING'S GATEWAY
DR. A. L. HAIGHT
EAGLE RIVER
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
MERRILL
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
OCONTO FALLS
OCONTO
CHERRYLAND
SHAWANO
KUBIAK'S
CLINTONVILLE
STEVENS POINT
BROWN CO
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
VALLEY AWYS
COLOMA
GINNOW
MANITOWOC
BERLIN
WINNEBAGO CO.
GREEN LAKE
FOND DU LAC
SKY VILLAGE
CHAPLIN
KOHLER
MILWAUKEE 31
DETROIT 33
MINNEAPOLIS 14
CHICAGO
CHICAGO DETROIT
MICH WIS
CAN MICH
107
197
287
17
111
291
201
21
104
297
204
24
139
214
34
319
47°21'
47°
46°
45°
44°
90°
89°
88°
87°
86°
85°
84°
82°50'
43°45'
MILES
STATUTE
0
25
50
80
SAULT STE. MARIE 1

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct.Lgts prior req.
Alger Co. (Munising,Mich)(NC)	4 SSE;hwy E	850	26	Twr N;woods all sides.
Amasa (Mich) (NC)	4 NW	1560	14	Not maintained.
(P)Antigo (Wis)	2 ENE;hwy N	1483	33 S4	80,91 oct.Flare pots avail.
Arbor-Vitae (Woodruff,Wis)(NC)	2.6 NW	1600	25 S2	80,91 oct.P-line N;trees E,
Atlanta (Mich)	0.8 ESE	875	22 S2	80 oct.Trees N;NW,W. W.
Au Gres (Mich) (NC)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW.N.W blkd.
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct. Trees NE.
Baraga (Pelkie, Mich)	3.5 SE;hwy N	805	21 S2	80 oct.P-line N;trees E,S,
(P) Beaver Island (St.James,Mich)	4.2 SSW	620	35	NW,SE blkd. (NC) W.
(P) Bellaire (Mich)	1 NE;RR W,S	614	24 S1	80 oct.P-line E,SE.
Berlin (Wis)	2.9 W;hwy S	780	20 S1	80 oct.SE blkd.P-line SW.
Big Bear (Topaz, Mich)	2.2 S	1295	25 S2	80 oct. P-line S;trees E.
Big Lake (Baraga, Mich) (NC)	7.3 SW;rd W	1100	20	Trees all sides.Emerg.use
Blaney Park (Mich)	0.5 NW;lk N	850	18 S1	80 oct. P-line E.
Boulder Junction (Wis)	1.5 NW		33 S1	80,91 oct. Data unver.
Brevort (Mich)	1.2 NW;hwy S	620	23	Emerg. use. Trees E,W.
Brown Co. (Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
CADILLAC H Fac. (Int.)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac, 23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
Calbeck (Beaverton, Mich)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE;trees E,NW
Campbell Mun. (Indian River)	0.8 SE;RR,hwy W	602	20 S1	80 oct.P-line N.(Mich)
Chaplin Arpk (Plymouth, Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
Charlevoix (Mich)	0.8 SW;lk NW	642	30 S2	80 oct. P-lines S,W,NW.
(P)Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P)Clintonville (Wisc)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blkd.Pwr line NE,SW,W.
Coloma (Wis)	3.0 NW;hwy E	1065	26 S2	80 oct. N,S blkd.
D.A.R. (Rexton, Mich) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-ctn.
Eagle River (Wis) (NC)	1.3 NW;riv NW	1675	26 S1	80,91 oct. P-line E.
East Jordan (Mich)	1.9 SSE;riv W	640	26 S1	80 oct.P-line E,N;trees W
(P)Emmet Co. (Pellston, Mich)	0.6 NW;RR E	707	54h L3 S2	80,91 oct.Lgts on req.P-line N,E
Escanaba (Mich)	2 SSW	594	26 S6	80,91 oct.Trees E
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW.
Ford (Iron Mountain, Mich)	2.5 W;riv W	1140	23 S6	80,91,100 oct. SE blkd.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough.
GLADWIN H Fac. (Mich)	257 (GU)		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND MARAIS Range (Mich)	341(IG)		RL-W	Oper State of Mich.
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
(P)Grayling (Mich)	1.3 NW;RR W	1152	50h	
(P)Haight (Crystal Falls, Mich)	1.3 ENE;lk E	1390	34 L1 S4	80,91 oct.Bldg SW,WNW.
(P)Harbor Beach (Harbor Beach, Mich)	2.5 W;rd S	670	20 L S2	80 oct. P-line NE,SE. Flood lgts prior req.
Harrison (Mich) (NC)	2.3 NNW;hwy E	1100	26 S2	80 oct S blkd.Ctn-rough.
Hillman (Mich)	2.8 NW	995	23 S1	80 oct.Woods all sides.
HOUGHTON Range (Mich)	227 (CAM)		RL-W	Oper. State of Mich.
Houghton Co. (Calumet,Mich)	2 SE;RR NE	1200	26 S4	80 oct.Twrs,poles W. NW
Houghton Lake (Houghton Hgts, Mich)	1 W;lake NNE	1150	27 S2	80 oct.Pole NW; blkd. trees W,SSE,E.Rdo twr W
Houghton Sands (Mich)	2 ESE;RR SW	605	26 S3	80 oct. N lgtd.
Ishpeming-Dexter (Mich)(NC)	7 W;RR N,S	1570	25	Poles N.
Kalkaska (Mich) (NC)	0.5 WNW;RR E	1020	26	
King's Gateway (Land O'Lakes, Wis)	0.5 SSE;RR W	1736	44 S2	80,91,100 oct.P-line SE,SW. NW. Twr NE.
(A)Kinross (Mich)(A)	2.5 SE	780	55h	TMP INACT.NO FACS.
(P)Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct.SE blkd.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
La Porte (West Branch, Mich)	6 SE;RR W	890	26 S2	80 oct.P-line SW.Rough off
Lost Creek Sky Ranch (Red Oak)	4 SSE;hwy S	1090	26 S1	80 oct. (Mich) strips.
Luce Co. (Newberry, Mich)	4.1 SE;hwy S	872	28 S1	80 oct.NW blkd.Poles SE.
Mackinac Co. (St.Ignace, Mich)	2 NNW;hwy E	600	26 S2	80, 91 oct.
Mackinaw City (Mich) (NC)	5 S;RR W	700	22	
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.
Marenisco (Mich) (NC)	1.6 E;hwy N	1551	20	ENE,WSW blkd.Bndry lgts.
Marquette Co. (Mich)	7.9 W;hwy S	1412	27 S2	80 oct. inop.
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
(P)Masons (Grayling, Mich)	12 ESE;riv 2 N	1000	40 S1	91 oct.
Menominee Co. (Mich)	5 NNE;bay E	590	27 S1	80 oct. Trees sur fld.
Merrill (Wis)	1.2 NNW;RR E	1285	22 L1 S2	80 oct.Use strips only.
Mio (Mich) (NC)	1.6 N;hwy W	1050	26	Emerg. use only.
Muzzy's (L'Anse, Mich)	2.3 SSE;RR E	1008	24 S1	80 oct.Poles ENE,ESE;
Nepco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts trees WNW on req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct.P-line E,W.Data unv.
(P)Northern Lakes (Manitowish,Wis)	6.8 E;hwy NE	1600	28 S4	80 oct. Trees E,W.
Northland (Norway, Mich)	1.8 ESE;RR N	1060	33 S3	80,100 oct.P-line N.
→Norway Township (Loretto,Mich)	See Loretto Arpt under "New Facilities" - Name Changed			
O'Conta (Wis)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N
Onaway (Mich) (NC)	0.6 NNE;RR S	770	21	P-line SW;trees SE
(A)Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Otsego Co. (Gaylord,Mich)(NC)	1 SW;lk 1.5 S	1384	40 S1	P-line E,NE.Trees N.
Outagamie Co.(Appleton, Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
PELLSTON H Fac. (Mich)	209 (PJ)		MHT	(4); (6-22)(Emmet Co.)
Pet-O-Se-Ga (Wildwood,Mich)	1.8 NW;lk NW	620	20 S2	80 oct.
Petoskey-Harbor Spgs.(Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E.Trees NW
Phelps Collins(Alpena,Mich)	6.5 WNW;riv adj	685	50h L5 S4	80 oct.No bcn, SE (Mich) bndry lgts.Lgts on req.
Presque Isle (Rogers City,Mich)	0.7 SSE;hwy E	658	26 S2	80 oct.
Prickett-Grooms (Sidnaw,Mich)	0.5 N;RR S	1300	18 S1	80 oct.Use ctn Bldgs SE,
(A) Raco AAF (Mich) (A)	4.5 WSW;RR N	910	55h	TMP INACT.NO FACS SW.
(P) Rhinelander (Wis)	2 W;riv 1 SE	1598	37 S4	80,91 oct.Trees NW.
Roscommon (Mich) (NC)	2.5 SE;RR NE	1100	42	Trees all appchs.Emerg.
Roscommon Co.(Prudenville,Mich)	4.5 N;riv E	1150	26 S1	80 oct.Trees sur fld. use.
St. Helens (Mich) (NC)	0.9 SE;RR N	1153	26	Tree all appchs Emerg.use
SAULT STE.MARIE Range (Mich)	356(VC)(116.1)	317°,2.2	SBMRAZ-DTV	(4); 116.1
(P)Sault Ste. Marie (Mich)	1 SSW;riv N	706	36 L3 S4	80,91 oct.Fld lgts on req.P-lines E,S.ARPT OF ENTRY
Scheidler (Alpena, Mich)	6.3 N;hwy NW	590	22 S4	80 oct P-line NE,N,SW.
(P)Schoolcraft Co.(Manistique,Mich)	3.3 ENE;lk S	678	31	Appchs 5:1 (NC)
Shawano (Wis)	2.3 ENE;lk NE	813	40 L S6	80,91 oct.Poles SW.Lgts prior req.Rnwy data unv.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct.Data unver.
Steuben (Manistique,Mich)(NC)	20 NW	850	18	Woods all sides.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
Three Lakes (Wis)	0.5 S	1664	14 S1	Fuel.Rough.Obsts sur fld.
Timbers Sky Camp(So.Branch, Tomahawk (Wis) (NC) Mich)	0.2 NE;riv 4 E 0.5 WNW;riv N	950 1450	22 S1 15	80 oct.P-line NW.Trees NE Obsts sur fld.Emerg.use.
TRAVERSE CITY Range (Mich)	365(TG)(116.1)	319°,2.2	SBMRAZ-DTV	(4); 116.1
(P) Traverse City (Mich)	2.1 SE;RR NE	624	52h L5 S6	80, 100 oct.
Valley Airways (Neenah,Wis)	3.9 SW;RR E	760	21 S4	80 oct.P-line E;trees S.
Washington Island (Wis) (NC)		600	24	0.6 NNE of Detroit Harbor
Waters (Mich)	0.6 N;hwy W	1225	25 S1	80 oct.P-line NW.Trees sur
Watersmeet (Mich) (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg.use fld.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
(P)Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.P-line NE,N,W Rnwy data unver.
Wisconsin Valley (Rothchild,Wis)	2 S;RR,hwy W	1180	30 S4	80 oct.P-line N, NW.
NEW FACILITIES				
→Loretto (Mich) NC	2.4 S;lake N	860	21	Trees on side strips.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4725 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

PRESQUE ISLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Andover (Me) (NC)	2.5 S;hwy E	675	17 S3	1125' hill, pole E.
→ Aroostook Fly.Svc.(Ft.Fairfield)	1.7 E;riv W	450	13 S1	80 oct. (Me)
(P) [Auburn-Lewiston] (Auburn,Me)	4.5 SW;RR W	290	45h L5 S6	80,91 oct.P-line E,SE.Fld lgts on req.
AUGUSTA Range (Me)	221(AW)(116.1)	81°,2.0	BMRLZ-DTV	(4); 116.1
[Augusta] (Me)	1.5 WNW;hwy S	354	34h L5 S6	80,91 oct.Fld lgts on req.
Austin (Swanton, Vt)	1.7 NE;RR W	235	21 L S6	80,91 oct.Port rnwy lgts prior req.ARPT OF ENTRY
Austin (Washington, Me)	2.6 W;hwy N	280	13 S1	80 oct.
BANGOR Range (Dow) (Me)	239(BB)(116.1)	172°,2.1	SBRAZ-DTV	(4); 116.1
Bar Harbor (Me)	9 NW;hwy W	87	45h L3 S6	80 oct. P-line NNE.
(P) [Barre-Montpelier] (Barre,Vt)	3 W;pond SW	1149	41h L5 S6	80, 91 oct.
(P) Belfast (Me)	1 SW;hwy E	160	40h S6	80 oct.
(P) Berlin (N.H.)	7.5 N;riv W	1140	52h S4	80, 91 oct.
→ Bethel (Me)	1.6 NW;RR E	660	16 S2	80 oct. Trees W.
Billings Arpk(Ellsworth, Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW,SE.
Bishop (La Grange, Me)	0.8 N	360	10 S4	80 oct. SSW,WSW blkd.
→ Bradley (Watertown, N.Y.)(NC)	2.2 N;RR E	435	25 S6	80 oct.P-line W,SW.S blkd
Bristol (Vt)	0.7 W;riv SE	570	21 L S6	80 oct.Port rnwy lgts.ENE.
Brown (St.Johnsbury, Vt)	5.2 N;RR E	807	21 S6	80 oct.Obsts sur fld. blkd.
BURLINGTON Range (Vt)	323(JG)(116.1)	151°,2.8	SBRAZ-DTV	(3); 116.1
BURLINGTON Tower (Vt) (NG) [Burlington] (Vt)	278 (126.18) 3 E;riv NE	334	C 44h L5 S6	(4); 122.5,126.18 80,91 oct.ARPT OF ENTRY
→ Caribou (Me)	1 N;riv SE	623	35h S6	80 oct.Bldg E.ARPT OF ENTRY.
Central (Lewiston, Me)	1 NE	220	15 S1	80 oct.
Champlain (Colchester, Vt)	6.3 W;RR W	120	17 S4	80 oct.P-line S;swamp W.
→ Community Arpk (Mapleton,Me)	4.3 NE	630	8 S1	80 oct. Lgt planes only
Damon (Pottsdam, N.Y.)	1.5 E;hwy S	460	20 S1	80 oct.P-line N.Strps rough
→ Dean Memorial (Haverhill,N.H.)	4.1 NE;RR W	570	21 S1	80 oct.Trees at ends NNW,ESE,SSE.
Deblois Flight Strip (Me)	2 SE;riv W,N	219	40h	CLOSED.
(P) Dexter (Me)	3 ESE	485	30h S4	80 oct.
Dingley (Auburn, Me)	2.5 NW;lk N	320	18	P-line SW.
→ Doane's (Brewer, Me)	1.6 S	100	17 S6	80 oct.P-line NNW.Trees E
DOW Tower (Bangor, Me) (A) [Dow] (Bangor, Me) (A)	278 (126.18)+ 2 W; RR S	160	CA (ILS-W) 70h (L6) S4	(3); 126.18, 118.7 100 oct.
Eastport (Me)	1.5 WNW	70	29h S1	80 oct. P-line SW
→ Errol (N.H.)	1.2 WNW	1245	18 S4	P-line NW. 80 oct.
Fairmont (E.Montpelier, Vt)	0.8 SSE;RR W	745	19 S4	80 oct.
Farmington Arpk (Me)	4.5 N;rd W	430	17 S6	80 oct.
→ Fernald (Winterport, Me)	3 WNW;hwy S	182	40h L3 S6	80 oct.Lgts prior req.
Fernald's (Benton, Me)	0.6 WNW;hwy S	120	18 S6	80 oct. WNW blkd.
Ford (Skowhegan, Me)	1 NNW	230	15	Emerg. use only.
→ Fort Kent (Me)	0.8 N;riv W	600	10	Lgt planes only
Franconia Arpk (N.H.)	2 SE		20	Data unver.
Fryeburg Arpk (Me)	1.3 E;RR S	400	26 S4	80,91 oct.P-line SSW;trees
Greenlaw (Auburn, Me)	1.8 W;hwy S	238	16 S6	80 oct. Bldg S. NW.
(P) Greenville (Me)	2 ENE	1750	30h L3 S6	80 oct.Lgts prior req.
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line,trees S,N.
→ HOULTON Range (Me)	272(JH)(116.1)	195°,3.1	BMRLZ-DTV	(4); 116.1.Manned 7-15
→ (P) [Houlton] (Me)	2.5 E;hwy N	493	57h L5 S6	80 oct. ESE blkd.
→ Jackman (Me)	0.2 E;riv N	1170	22 S1	80 oct. E blkd.Trees W.
Keeseville (N.Y.)	1.4 S;riv WNW	490	20	Pole W.
Lake Placid (N.Y.)	2 SE;RR NW	1750	21 S1	80 oct.
Lemington-Colbrook (Vt)	3.8 SSW;hwy E	1030	18 S4	80 oct.
Lewis (Littleton, N.H.)	2.5 E;RR S	900	22	80 oct.
→ Livermore Falls (Me)	1.3 SE;riv W	300	10	Lgt planes only.
Maheux (Minot, Me)	3.5 NNW	720	21 S6	80 oct.
(P) Malone-Dufort (N.Y.)	2 W; RR N	790	40h S1	80 oct.ARPT OF ENTRY.
Marcy (Keene, N.Y.) (NC)	2.5 S;hwy E	1000	18	Mtn N, S.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
MASSENA Range (N.Y.)	108.7 (ME)		VARW	
(P) [Massena] (N.Y.) →	2.2 E;riv SE	200	40h L4 S6	80 oct.Trees WSW,NNE. ARPT OF ENTRY.
MILLINOCKET Range (Me)	344(MT)(116.1)	292°,1.6	SBRAZ-DTV	(4); 116.1
(P) Millinocket (Me)	0.5 SE	404	51h L5 S4	80,91 oct. Lgts prior req.
MONTPELIER Range (Vt)	257 (UV)	230°,2.8	MRLWZ	(Barre-Montpelier)
Moscone's(Mallawamkeag, Me)	4 NNW;riv W	210	15	
→ Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct.Lgt planes only.
Newport (Me)	1.5 ESE;hwy N	280	21	NW blkd.
Newport (Vt)	3 SSW;RR E	930	40h L2 S1	Ltd 80 oct.All lgts on req.
Norridgewock (Me)	3.7 W;riv 1 W	270	40h	
Northland (Presque Isle, Me)	5.5 N;hwy E	685	15 S1	80 oct.
→ Norway (Me)	1 N; RR S	387	14 S5	80 oct.P-line SE.Trees E.
(P) Ogdensburg (N.Y.)	1.5 SE;RR W	285	30 S6	80,91 oct.Obsts sur fld. AIRPORT OF ENTRY.
Old Town (Me)	1.8 NNW;riv NE	109	40h L3 S6	80,91 oct.No bndry lgts.
(P) Pittsfield (Me)	0.8 SSE	190	40h S6	80 oct.
→ Pittston (Me)	1.8 ENE;hwy S	140	11 S2	80 oct.Trees ESE;hill WNW
(P) [Plattsburg, mun.] (N.Y.)	3.4 WSW;riv SW	375	50h L5 S1	80,91 oct.Fld lgts on req.
Point Hill (St. Albans, Vt)	3.5 W;bay E	155	14 S4	80 oct. Wires ESE.
→ Prairie Arpk (Brownville Jct,Me)	5 N; road SW	422	19 S4	80,91 oct. Wires SE.
PRESQUE ISLE Range (Me)	388 (ZQ)	189°, 3.4	SBRAZ-DT	(4)
PRESQUE ISLE AAF Tower (Me)	278 (126.18)		AC (ILS-W)	(4);118.7,122.5,116.1,126.18
PRESQUE ISLE AAF Range (Me)	365 (RU)	9°, 3.8	SBMLZ	(4)
(A) [Presque Isle AAF] (Me) (A)	1.5 WNW;RR E	529	68h L6 S4	91,100 oct.ARPT OF ENTRY
Princeton (Me)	1.5 SSE;hwy NE	250	40h S4	
Rangeley (Me)	1.6 NNW;hwy S	1810	15	
→ Raymond's (Phillips, Me)	0.8 S;riv E	556	18 S4	80 oct.Trees ESE;hill WNW
Reagan (Norwood, N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Robbins (Hudson, Me)	2.7 SW	365	18 S1	80 oct.
→ Rockland (Me)	3 SSE;road NE	49	45h L5 S6	80,91 oct.Trees ENE,WSW
Rollins Fly. Svc. (Turner, Me)	2.5 NNW;rd E	335	20 L S2	80 oct.Flare pots on req.P-
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct.Wires NW line NNE.
St. Croix (Baring, Me)	0.5 E;hwy N	95	19 S1	80,91 oct.NNW blkd.Flares
(P) [Saranac Lake] (N.Y.)	5.3 NW;RR NW	1655	40h L2 S4	80 oct.Lgts on req. on req
→ Snow (Bradford, Me)	0.3 WNW;pond S	270	12 S1	80 oct in Bradford.
Snowman's (Ashland, Me)	1.2 NW;riv E	540	17 S1	80 oct.
→ Stewart (Massena, N.Y.)	2.1 SE;RR NE	210	20	CLOSED.
Sunnybrook (Clayton, N.Y.)	3.4 S;hwy E	390	18 S1	80 oct. ESE blkd.
→ Swasey's (Enfield, Me)	1.5 WNW;RR S	240	17	P-lines NE, ESE.
Tomlinson (Skowhegan, Me)	1 NNE;riv 1.5 S	240	21 S6	80 oct. P-line W,NW.
Tupper Lake (N.Y.) (NC)	1 E;riv SE	1680	14	Use strips.P-line W.Rough.
Twin Mountain (N.H.)	0.8 SW;riv N	1430	18 S4	80 oct.
→ Twitchell's (Turner, Me)	4.8 SSE;riv E	350	14 S6	80 oct. Trees WNW.
(P) [Waterville] (Me)	1.8 SW;riv E	303	39h L5 S6	80,91 oct.Fld lgts prior req
Webb's (Patten, Me)	1 NNW;hwy E	650	14 S4	80 oct.
Weston (Madison, Me)(NC)	1 N;riv 0.8 W	300	19	WSW blkd.Emerg. use.
Westport (N.Y.)	2 S;RR W	285	22 S2	80 oct.
→ White Mountain Air Term.	3 ESE; RR N	1050	22 S1	80 oct. (Whitefield,N.H.)
White Mountain (No.Conway,N.H.)	1.9 SSE;RR W	495	20 S6	80 oct. Trees NW.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

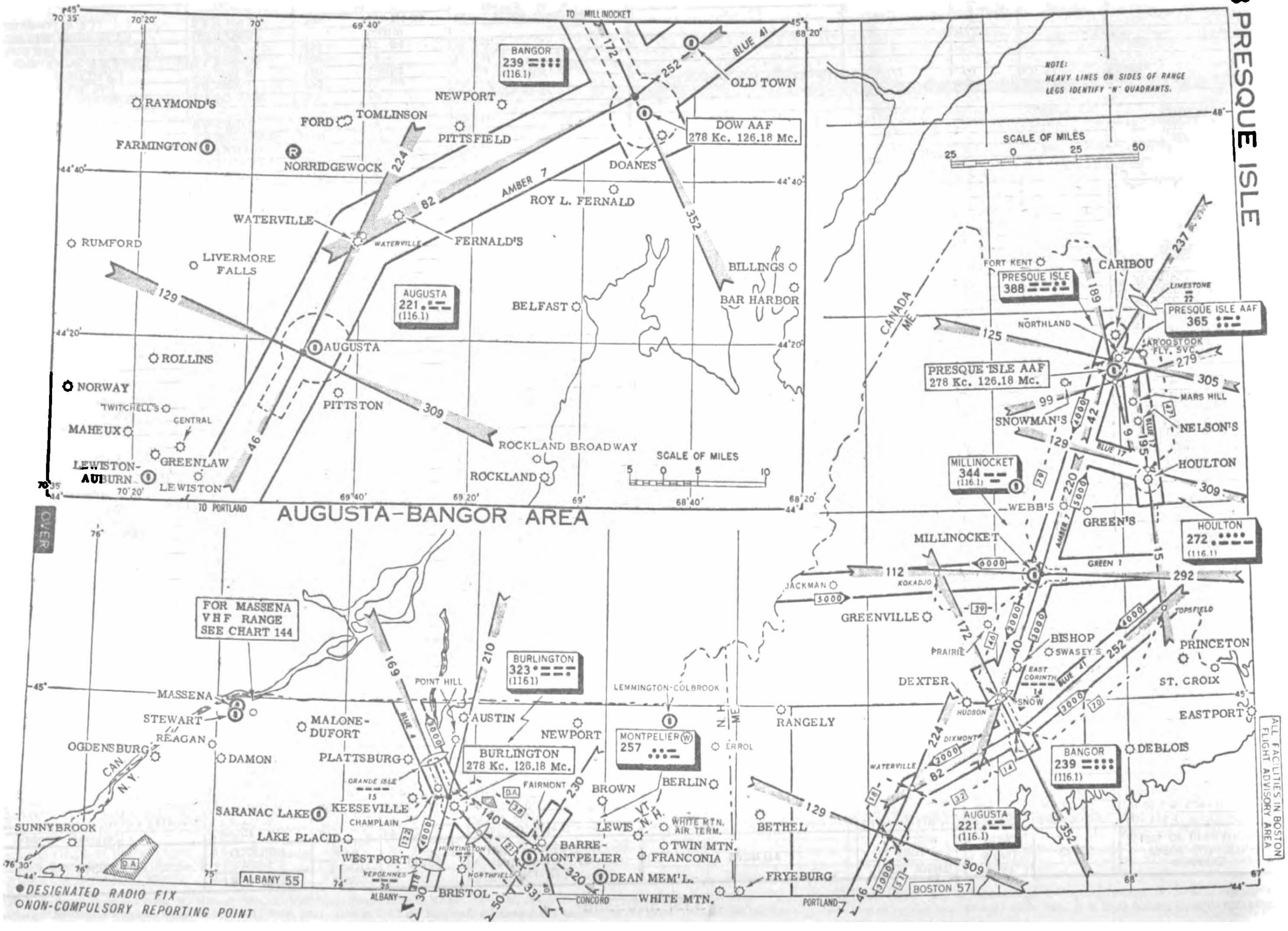
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6)	109.9		153°	IM-	MM- •—•—(0.81)	OM- ——(4.60)
				MMK-		OMK-
PRESQUE ISLE AAF	109.9		8°	IM- ••••••(0.06)	MM- •—•—(0.85)	OM- ——(4.47)
					MMK-201	OMK-219

NEW FACILITIES

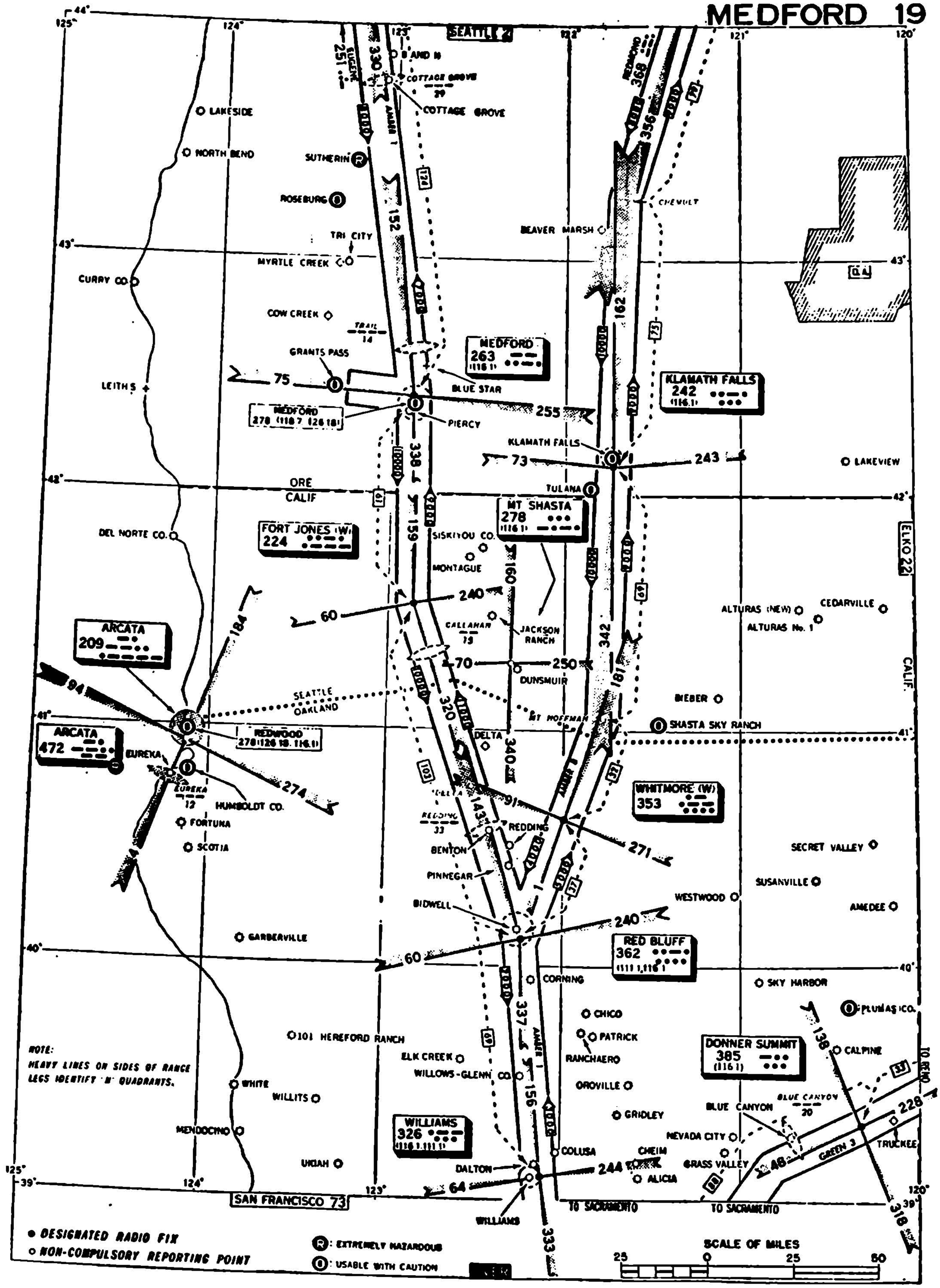
Rockland Broadway(Rockland,Me)	0.8 SSW	60	19 S4	80 oct

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


AUGUSTA-BANGOR AREA
TO MILLINOCKET
TO PORTLAND
OVER
BANGOR 239 (116.1)
DOW AAF 278 Kc. 126.18 Mc.
AUGUSTA 221 (116.1)
BURLINGTON 323 (116.1)
BURLINGTON 278 Kc. 126.18 Mc.
MONTPELIER 257
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
PRESQUE ISLE AAF 278 Kc. 126.18 Mc.
MILLINOCKET 344 (116.1)
HOULTON 272 (116.1)
BANGOR 239 (116.1)
AUGUSTA 221 (116.1)
FOR MASSENA VHF RANGE SEE CHART 144
ALBANY 55
BOSTON 57
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
SCALE OF MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
RAYMOND'S
FARMINGTON
FORD
TOMLINSON
NEWPORT
PITTSFIELD
NORRIDGEWOCK
OLD TOWN
DOANES
ROY L. FERNALD
WATERVILLE
FERNALD'S
RUMFORD
LIVERMORE FALLS
BILLINGS
BAR HARBOR
BELFAST
ROLLINS
AUGUSTA
NORWAY
TWITCHELL'S
CENTRAL
MAHEUX
PITTSTON
ROCKLAND BROADWAY
ROCKLAND
LEWISTON-AUBURN
GREENLAW
LEWISTON
CANADA ME
FORT KENT
CARIBOU
LIMESTONE
NORTHLAND
ARCOSTOOK FLY. SVC
MARS HILL
SNOWMAN'S
NELSON'S
HOULTON
WEBB'S
GREEN'S
MILLINOCKET
JACKMAN
KOKADJO
GREENVILLE
PRAIRIE
BISHOP
SWASEY'S
TOPSFIELD
PRINCETON
ST. CROIX
DEXTER
EAST CORINTH
SNOW
HUDSON
DIXMONT
EASTPORT
RANGELY
DEBLOIS
WATERVILLE
BETHEL
FRYEBURG
WHITE MTN.
PORTLAND
MASSENA
STEWART
REAGAN
OGDENSBURG
DAMON
MALONE-DUFORT
PLATTSBURG
SUNNY BROOK
SARANAC LAKE
KEESEVILLE
CHAMPLAIN
LAKE PLACID
WESTPORT
VERGENNES
ALBANY
BRISTOL
POINT HILL
AUSTIN
NEWPORT
LEMMINGTON-COLBROOK
MONTPELIER
ERROL
BROWN
BERLIN
FAIRMONT
LEWIS
WHITE MTN. AIR TERM.
TWIN MTN.
FRANCONIA
BARRE-MONTPELIER
DEAN MEM'L.
CONCORD
HUNTINGTON
NORTHFIELD
GRANDE ISLE
CAN.
N.Y.
VT.
N.H.
ME
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT

MEDFORD 19


SEATTL 2
LAKESIDE
NORTH BEND
SUTHERIN
ROSEBURG
TRI CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
GRANTS PASS
LEITH 5
MEDFORD
263
MEDFORD
278 (118 7 (126 18)
PIERCY
BLUE STAR
COTTAGE GROVE
COTTAGE GROVE
BEAVER MARSH
CHEMULT
KLAMATH FALLS
242
KLAMATH FALLS
LAKEVIEW
ORE
CALIF
TULANA
MT SHASTA
278
FORT JONES (W.
224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
ARCATA
209
ARCATA
472
EUREKA
HUMBOLDT CO.
FORTUNA
SCOTIA
SEATTLE
OAKLAND
REDWOOD
278 (126 18, 116.1)
CALLAHAN
JACKSON
RANCH
DUNSMUIR
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
ELKO 22
CALIF.
BIEBER
SHASTA SKY RANCH
DELTA
MT HOFFMAN
WHITMORE (W)
353
REDDING
BENTON
PINNEGAR
BIDWELL
SECRET VALLEY
SUSANVILLE
WESTWOOD
AMEDEE
GARBERVILLE
RED BLUFF
362
CORNING
SKY HARBOR
PLUMAS CO.
CHICO
PATRICK
RANCHAERO
OROVILLE
DONNER SUMMIT
385
CALPINE
TO RENO
GRIDLEY
BLUE CANYON
NEVADA CITY
GRASS VALLEY
TRUCKEE
ALICIA
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN CO.
WHITE
WILLITS
MENDOCINO
UKIAH
WILLIAMS
326
COLUSA
DALTON
WILLIAMS
CHEIM
SAN FRANCISCO 73
TO SACRAMENTO
TO SACRAMENTO
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Alicia (Marysville, Calif)	3.2 SSE; RR W, E	63	60h L5 S6	80, 91 oct.
(P) Alturas (new) (Calif)	6.8 WNW	5034	63h	
Alturas #1 (Calif)	1 W; RR S	4391	30 S6	80,91 oct. P-line N, NE, SW, NW.
Amedee Flight Strip (Calif)	4 SE; RR N	4007	70h	
ARCATA Range (UAL) (Redwood)	209 (NZM)	4°, 3.0	MRL	(3) (Calif)
ARCATA H Fac. (UAL) (Redwood)	414 (NZI)	310°, 0.15	H	(4); Z marker 200' from SE end Rnwy 31.
Ash Creek, USFS (McCloud, Calif) (NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE, NW.
B & H (Creswell, Ore)	3.3 SSW; RR E	620	18 S6	80 oct. Trees NNE.
Beaver Marsh Int, 73, RV-ND (Ore)		4630	54 L3	6.2 mi SSW Chemult
Benton Arpk (Redding, Calif)	1.1 WSW; riv 1 E	719	25 L3 S6	80,91 oct. Wires N.
Bieber (Calif)	1 NE; riv W	4155	33	Soft in winter.
(N) Bidwell (Red Bluff, Calif)	1.7 SSW; RR 1 E	354	40h L5 S4	80,91,100 oct. Fld lgts on req. Wires E, W.
Blue Canyon Int, 13, SF-SL (Calif)	1.1 NNE; hwy NW	5280	34 L3	Wires N, NE. RR E
Blue Star Arpk (Eagle Point, Ore)	4.5 N; hwy E		20 S2	Data unver.
Calpine (Calif)	1 SE; rd N, E	5000	29 S1	91 oct P-lines NE.
Cedarville (Calif)	0.6 S; hwy E	4260	26 S2	91 oct P-line E. W blkd.
Cheim (Marysville, Calif)	1.5 NE; hwy S	67	30 S6	80,91 oct. Wire SW. Levee N, NE
Chester, USFS (Calif) (NC)	1.5 SSW; hwy NW	4525	31	P-line WSW, WNW. Closed to public.
(P) Chico (Calif)	5 N; hwy E	237	67h L5 S6	No flood or boundary lgts.
Colusa (Calif)	1.2 SW; RR W	47	29 S4	80 oct. P-line NNW.
Corning (Calif)	1.3 NE; RR W	300	22 L1 S6	80 oct.
Cottage Grove (Ore)	1.9 S; riv S	640	22 S1	80 oct.
Cow Creek Int, 37B, SF-SA (Ore)	2.5 ENE Glendale	1429	24 L3	Creek S.
(P) Curry Co. (Denmark, Ore)	3.8 WSW	214	51h L5	All lgts prior req.
Dalton Com. (Williams, Calif)	1 ENE; RR SW	65	26 S6	80 oct. S, W blkd. Soft.
(P) Del Norte Co. (Crescent City, Calif)	2.5 NW; ocean W	57	50h L1 S1	80, 91 oct.
Delta Int, 22, SF-SA (Calif)	1 SW; RR, hwy N	1320	18 L3	800-1000' mtns E, W.
DONNER SUMMIT Range (Calif)	385(DS)(116.1)		BMRL-DTV	(4); 116.1
Dunsmuir, 25B, SF-SA (Calif)	4.5 N; RR W	3240	30 L3 S2	80,91 oct. Poles E, N lgtd.
Elk Creek (Calif)	0.7 SSE; hwy W	725	16 S1	80 oct. Obst sur fld.
Eureka (Calif)	2 W; bay E	20	24h L1	
FORT JONES Range (Calif)	224 (FJ)		SRAWZ	
Fort Jones (Calif) (NC)	1.5 NW; rd NE	2745	30	P-line NW.
Fortuna (Calif)	2.9 SSE; hwy W	356	31 L S6	80,91 oct. Trees NE. RR W
Garberville Arpk (Calif)	1 SW; riv, rd SE	480	12 S1	80 oct. Trees N, S.
Gasquet (Crescent City, Calif)	13 ENE; hwy S	390	25	Hazardous-bad appch. USFS
Grants Pass (Ore)	1.6 N; RR W	1050	27 S6	80,91 oct. Poles N. (NC)
Grass Valley (Calif)	0.8 W; hwy N	2600	18 S1	80,91 oct. Trees sur fld. P-line NE.
Gravelly Valley, USFS (Upper Lake, Calif) (NC)	20 N; lake S	2000	49 S2	No fuel. Road crosses NE/SW strip. Trees NE, SE, NW
Gridley (Calif)	0.7 ENE; hwy E	97	26 S1	80,91 oct. P-line N, S.
Hayfork, USFS (Calif) (NC)	1.2 E; hwy N	2350	30	P-line W. Mtns E. Clsd to public.
Humboldt Co. (Eureka, Calif)	3.6 ENE; hwy N	10	18h S6	80,91 oct. Poles NW
Illinois Valley Landing Field (Cave Junction, Ore) (NC) USFS	4.3 SSW; riv 1 E	1350	43	Trees NNE.
Jackson Ranch (Weed, Calif)	3.7 NW; lk NNE	2975	33	Trees S.
KLAMATH FALLS Range (Ore)	242(FS)(116.1)	342°, 2.7	SBRAZ-DTV	(4); 116.1
[Klamath Falls] (Ore)	4.9 SSE; RR NE	4085	71h L5 S5	80,91,100 oct. Fld lgts on req
Lakeside (Ore)	0.3 NE; RR S	20	25	P-line S. Ctn-hazardous.
Lakeview (Ore)	3.5 SW; RR E	4728	53h S6	80, 91 oct.
Leith's (Gold Beach, Ore)	Adj W	16	23 S1	80 oct. Data unver.
MEDFORD Range (Ore)	263(MF)(116.1)	158°, 2.4	SBRAZ-DTV	(3); 116.1
MEDFORD Arpt Tower (Ore)	278 (126.18, 118.7)+		AC	(4); 126.18, 118.7, 122.5
(A, N) [Medford] (Ore) (NATS)	3.2 N; RR E	1329	54h L5 S4	80,91,100 oct.
Mendocino (Little River, Calif)	2.5 SE	572	53h S4	80, 91 oct.
Montague (Calif)	1 W; hwy S	2520	32 L3 S6	80, 91 oct
MOUNT SHASTA Range (Calif)	278(SC)(116.1)	116°, 2.2	BMLZ-DTV	(4); 116.1
Myrtle Creek Int, 39A, SF-SA (Ore)	4 SW; riv, RR W	640	25 L3	Hill S, N. Emerg. only.
Nevada City (Calif)	1.5 NW; rd S	3060	26 S4	80 oct.
(P) North Bend (Ore)	1.2 WNW; riv N	4	50h L5 S6	80,91 oct. Trees SSE, SW, NNW.
101 Hereford Ranch (Laytonville)	1 S; hwy E	1635	18 S1	80 oct. (Calif)
(P) Oroville (Calif)	3 SW; riv E	199	60h L5 S2	80,91 oct. Port rnwy lgts, prior req.
Patrick (Chico, Calif)	2 SSE; RR E	189	34 S6	80,91 oct. P-line NW.
Piercy (Medford, Ore)	2.6 NW; hwy E	1250	20 S6	80,91 oct. Poles SE.
Pinnegar (Anderson, Calif)	1 S; creek N	435	23 S1	80 oct. Cattle on fld. Hill SSE
Plumas Co. (Beckwourth, Calif)	0.8 ENE; RR SW	4900	36 S6	80,91 oct. P-line SE, S, SW
Ranchaero (Chico, Calif)	2.2 WSW; riv W	170	22 S6	80,91 oct. P-line S. Hwy NE
RED BLUFF Range (Bidwell)	362(FH)(vhf)	323°, 2.5	SBRAZ-DTV	(4); 116.1, 122.1 (Calif)
[Redding] (Calif)	7.5 SE; riv S	500	60h S2	80, 91 oct.
REDWOOD Tower (Calif)	278(126.18, 116.1)		CI (ILS-W)	(3); 116.1, 126.18 (8-17)
Redwood (Arcata, Calif)	7.6 NNW	217	60h L	Exten. exper lgtg CLOSED.
Roseburg Int, 41A, SF-SA (Ore)	2.4 NNW; RR E	500	38 L3 S6	80,91 oct. Hills N, NE, S.
Round Valley (Covelo, Calif) (NC)	0.7 SW; hwy E	1385	30	
Scotia (Calif)	1.5 SSE; RR N	120	25 S1	80,91 oct. ESE blkd. Riv S.
Secret Valley Int, 52, RV-ND (Calif)	4 SE	4435	50	Day use only
(P) Shasta Sky Ranch (Fall River Mills, Calif)	1 N; hwy E	3300	33 S6	80,91 oct. Soft. P-line W, SSW, E, ENE, S.
(P) Siskiyou Co. (Montague, Calif)	4.3 NE; RR W	2647	73h L5	
Sky Harbor (Quincy, Calif)	2.5 E; hwy S	3400	24 S2	80, 91 oct. Poles S.
Susanville (Calif)	6.5 SE; hwy SW	4150	32 S6	80,91 oct. Pwr line N.
Sutherlin Sky Ranch (Ore)	3.8 ENE; rd E, S	575	18 S1	80 oct.
Tri-City (Riddle, Ore)	3.5 NE; RR N, W	700	19 S1	80 oct. P-line N, S.
Truckee Int, 16B, SF-SL (Calif)	3.6 ENE; RR S	5820	34 L1	Snow Dec.-April.
Tulana (Worden, Ore)	1 S; RR NW	4080	37 S6	80 oct. Pwr line NNE.
[Ukiah] (Calif)	1 S; RR E	612	40h L5 S6	80,91 oct. Fld lgts on req. Wires NNW.
Weaverville, USFS (Calif) (NC)	1 SSE; hwy E	2040	22	30' poles S. Closed to public.
Westwood (Calif)	1.5 W; hwy N	5100	22	
White (Ft. Bragg, Calif)	1 NNE; ocean W	72	15 S4	80,91 oct. SE, NW blkd.
WHITMORE Range (Calif)	353 (AWH)		MRLWZ	
WILLIAMS Range (Int.) (Calif)	326(WS)(vhf)	244°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Williams Int, 9, SF-SA (Calif)	4 S; road N	139	42 L3	Mtns W. N/S strip soft when wet.
Willits (Calif)	1.3 ENE; rd S	1356	18 S1	80 oct. Trees E. P-line W.
Willows-Glenn Co. (Calif)	1.3 WSW; RR E	130	45h L1 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
REDWOOD	109.5	332.6	312°	IM- (0.14)	MM- ••••• (0.66)	OM- ▬▬ (4.5)
					MMK-	OMK- 404 ▬▬
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM. 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW;hwy W	2660	25 S6	80 oct.Right traffic when land. to NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S6	80 oct,Trees WNW.
→ Floating Feather (Eagle)	2 E;riv 1.5 S	2635	39 S6	80 oct.Trees SW,hill NE.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page xiii)(NC)-Not Chartered → NEW OR REVISED DATA

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
* Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	73,91,100 oct.Hills SE.
* Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon	6 SE,hwy S	3931	70h L5 S4	80,91 oct.
HUBBARD (Reno)	3.4 SE;hwy W	4404	64h R2 L5 S4	80,91 oct.
* Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 S4	80,91 oct.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
→ Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	50 L S6	80,91 oct.Flare pots on prior req.
→ Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct. P-line W,SE.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

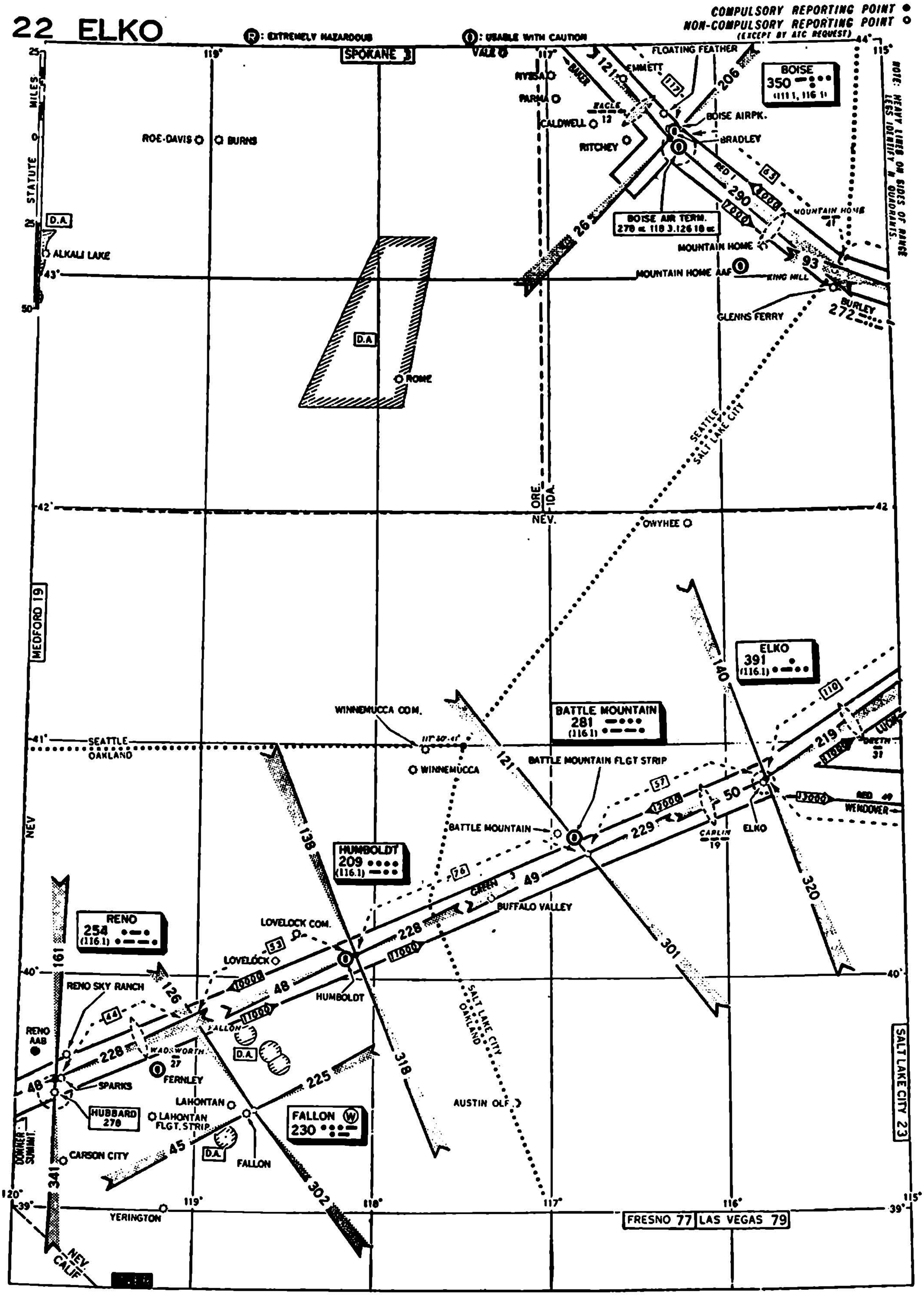
OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	23.9 SW;hwy E	4050	60h L	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR → TERMINAL, (Idaho)	4.5 SSW	2858	77h R2 L5 S6	80,91 oct.

22 ELKO


COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS TO IDENTIFY N QUADRANTS.
SPOKANE 3
VALE
RIVERSIDE
PARMA
CALDWELL 12
EAGLE
FLOATING FEATHER
EMMETT
117
121
206
BOISE
350
(111.1, 116.1)
BOISE AIRPK.
BRADLEY
RITCHEY
ROE-DAVIS
BURNS
BOISE AIR TERM.
270 ∝ 118 3.126 18 ∝
MOUNTAIN HOME
41
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
93
290
26
63
ALKALI LAKE
D.A.
ROME
GLENNS FERRY
BURLEY
272
ORE.
IDA.
NEV.
OWYHEE
SEATTLE
SALT LAKE CITY
MEDFORD 19
WINNEMUCCA COM.
SEATTLE
OAKLAND
WINNEMUCCA
BATTLE MOUNTAIN
(116.1)
BATTLE MOUNTAIN FLGT STRIP
ELKO
391
(116.1)
140
110
219
57
50
229
WENDOVER
CARLIN
19
ELKO
HUMBOLDT
209
(116.1)
138
76
49
BUFFALO VALLEY
320
RENO
254
(116.1)
LOVELOCK COM.
53
LOVELOCK
228
48
126
64
RENO SKY RANCH
RENO AAB
HUMBOLDT
SALT LAKE CITY
OAKLAND
WADSWORTH
27
FERNLEY
SPARKS
LAHONTAN
HUBBARD
270
LAHONTAN
FLGT. STRIP
FALLON
230
225
318
301
AUSTIN OLF
DONNER SUMMIT
CARSON CITY
45
FALLON
302
341
161
SALT LAKE CITY 23
YERINGTON
NEV.
CALIF.
FRESNO 77
LAS VEGAS 79

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS
Ⓞ USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GREAT FALLS 6

IDAHO FALLS 359 (116.1)

POCATELLO 257 (111.1, 116.1)

GOODING 215 (116.1)

BURLEY 272 (116.1)

MALAD CITY 314 (116.1)

LUCIN 302 (116.1)

STREVELL 335 (116.1) On request

OGDEN 263 (116.1)

FORT BRIDGER 382 (111.1, 116.1)

WENDOVER 248

SALT LAKE CITY 227 (111.1, 116.1)

FAIRFIELD 362 (111.1, 116.1)

DELTA 212 (116.1)

WENDOVER AAF 201 MC 126.18 MC

HILL AAF 396 MC 126.18 MC

SALT LAKE CITY NO. 1 278 MC 118.3 MC

LAS VEGAS 79

WINSLOW 81

TO MILFORD

TO ELKO

TO ROCK SPRINGS

ELKO 22

ROCK SPRINGS 26

STATUTE MILES 25 0 25 50

OVER

SALT LAKE CITY

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1,122.1
GOODING (new)	215(GG)(116.1)	BHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1,122.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1
UTAH			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212 (VZ)(116.1)	SBRAZ-DTV, 7°, 3.6	(4); 116.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (0830-2130,Wed-Sun;1130-2130,Mon,Tues)
SALT LAKE CITY	227(SL)(vhf)	SBRAZ-DTXV;163°,2.9	(3);116.1,122.1
Salt Lake City Arpt #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18
WYOMING			
FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• •-••	335	343°	IM-	MM- •-•- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Signal, Range and Voice: W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal E	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W
American Falls	2 NE,RR NW	4404	39 S6	80 oct. S blkd.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct. Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct. P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
(P) Gooding	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW;riv E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4420	21 L3	
Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80,91 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 L S6	80 oct. Flood lgt on req.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S6	80 oct. SW blkd.NE bldg.
* Strevell Int, 10, SL-PO	0.3 NNW	5270	31 R1 L2	Emerg only.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC) 91 oct. Trees N
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
University (Ham's)(Pocatello)	1 ENE,hwy W	4550'	35	Hills N,S. Emerg only.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE, trees NW. Emerg only.
NEVADA				
* Ventosa Int,48,SF-SL	0.5 N,RR S	5600	27 L3	
* Wells Int,46B, SF-SL	1.5 S,rd W			ABANDONED.
Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.
UTAH				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct. Hwy W.
Bountiful Sky Haven	2.6 WSW	4222	38 S4	80 oct. P-line S,NW.
Brigham	3 NW,RR S	4220	37 L4 S6	80 oct. P-line S. Wires W.
Carbon County (Price)	2.8 E,RR W	5800	58 S6	80 oct. Use strips only.
Delta	4.8 ENE,	4755	61h R1 L5 S3	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE;hwy W	5700	55 S2	80 oct. P-line NW, W. Use strips only.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	27 L S6	80,91 oct. Port flood lgts.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	30 L3	
Logan-Cache Co. (Logan)	4 NNW,RR E	4460	53h L5 S6	80,91 oct. P-line NE,SE.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4414	54 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S4	80 oct.
Midvale	3 WSW;RR NW	4500	20 S4	80 oct P-line SE. Ctn when wet.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S6	80 oct. Trees NE. Use strip only.
Myton (NC)	1 E,riv N	5090	31	Stay on strips.
Nephi	2.5 NW	4800	48 S2	80 oct. Soft when wet
Ogden Airpark	4 S,hwy NE	4700	52 S6	80 oct. P-line NE. Fence S.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	on fld.
(P) Provo	2.8 WSW;lake W	4490	70h L5 S6	80,91 oct. Fld lgts prior req. Cattle
(NG) SALT LAKE No. 1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct. Rdo rec rqrd. Ltd 100 oct.
Salt Lake No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NG
Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
Tooele (NC)	1.4 WSW,RR W	4985	32 S4	80,91 oct. P-lines N,NW.
Utah Central (Salt Lake City)	4 SW;hwy N	4240	37 S4	80 oct, Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.
WYOMING				
Afton	0.3 SW,hwy E	6239	29	N blkd.
Big Piney (NC)	2 N;hwy W	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston City	3.6 SSW	6800	30 S4	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
Signal Mountain (Moran)	2 3 S	6800	45	Mtn 2 mi N.
NEW AIRPORTS				
Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto
Evanston, new (Wyo.)	0 5 NE;hwys S,W	6730	30 S3	80 oct. Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct. Batt. lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct. Soft in spring.
→ Honesdale (N.Y.)	2 SE;riv S	920	25 S4	80 oct. Woods & hills E,W
→ Carbondale-Clifford (Clifford,Pa)	1.0 E;lk SE	1520	19	
→ Salima-Gunnison (Salina,Utah)	5.5 NNE;riv S	5100	35 S1	80 oct
→ Teton Peaks,Driggs (Driggs,Idaho)	0.4 NE;RR W	6100	34 S1	80 oct SW blkd

RADIO — COLORADO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1

WYOMING

CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18)	CA	(3); 126.18
DOUGLAS	251 (DQ) (116.1)	BHTV	(4) :116.1
LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 ·---	335	110°	IM-	MM- ·-·-(0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L1 S6	73,80,91 oct.
Glenwood Sprgs.	2 S	5900	31 S4	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv,N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,E,SE.
Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct. Use strips
Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet. only.

WYOMING

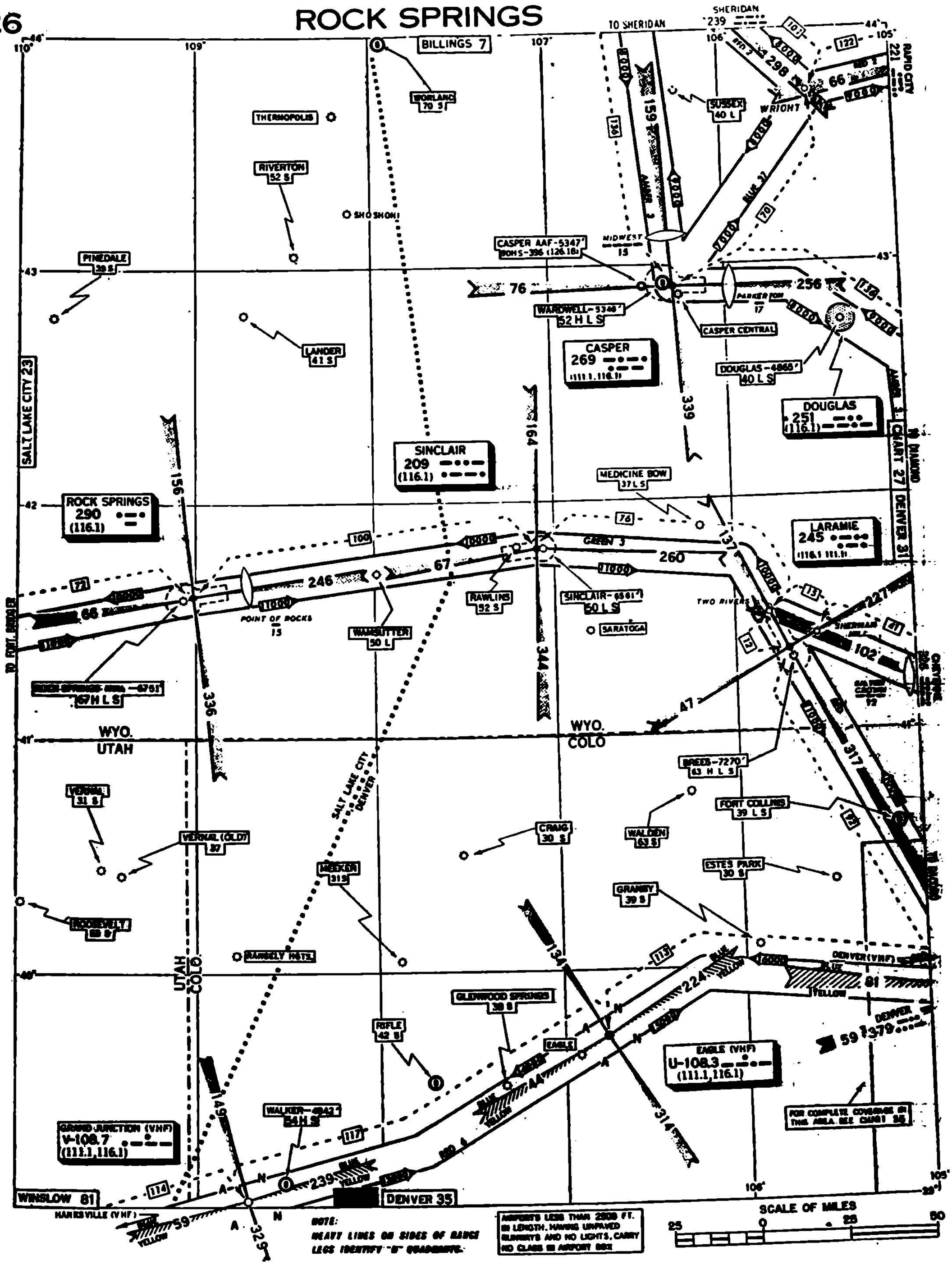
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
General Brees (Laramie)	See Brees Field under "New Airports" - name changed			
→ Lander	1.5 S;riv W	5550	41 S2	80 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy N	7200	39 S1	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS → MUN	8.8 E;RR N	6751	67h R1 L5 S2	80,91,100 oct.
→Rock Springs (old)	3.8 NNW			(NC) ABANDONED
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	36 S1	80,91 oct.Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct.
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.

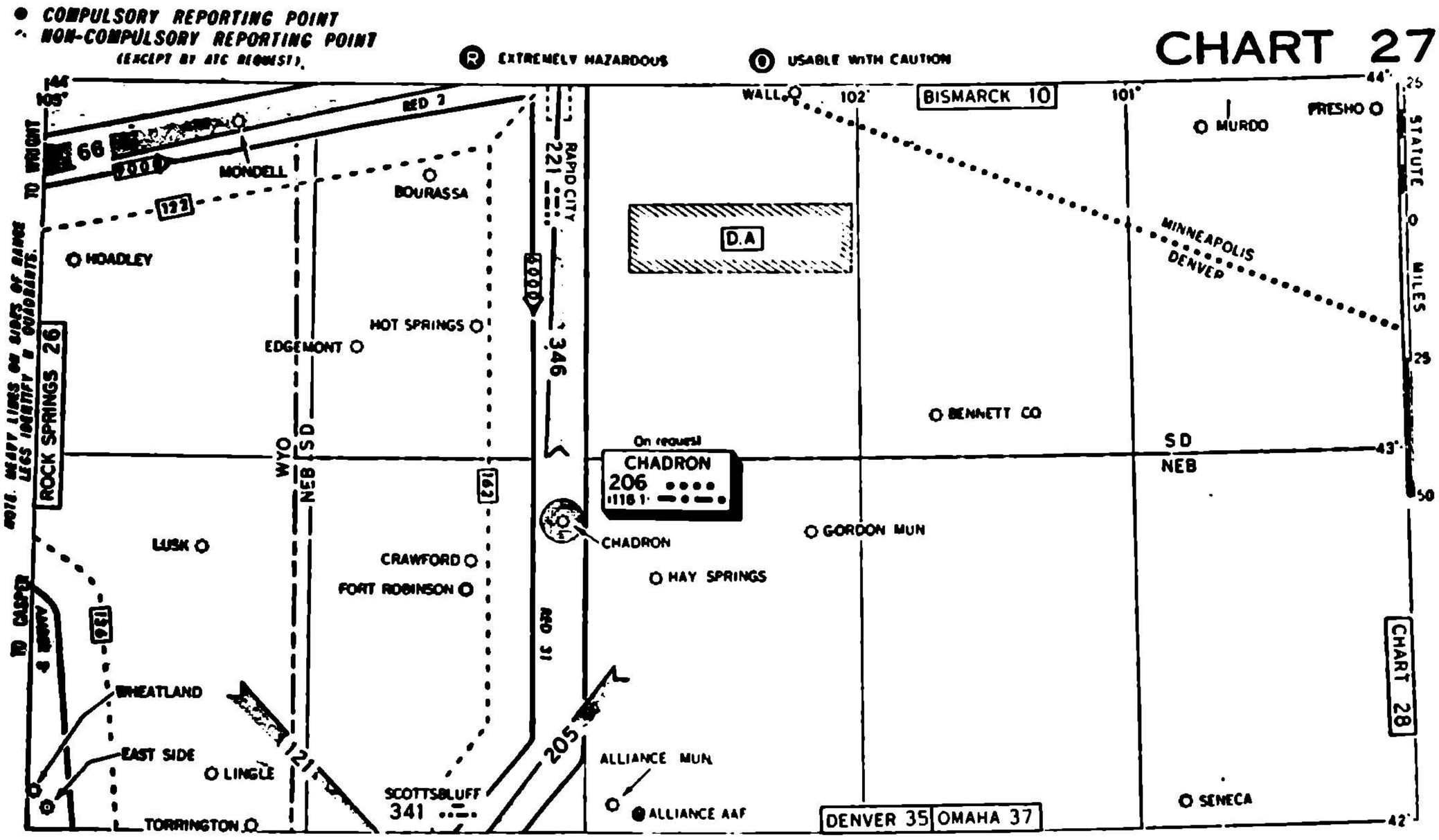
NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE:RR S	5100	28 S2	80 oct.Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW:RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE:riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct,S blkd.P-line SE.
Laramie (Wyo.)	4 S;hwy W	7218	38 S1	Fuel,100' Stack NW.

h-hard surfaced runways R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA

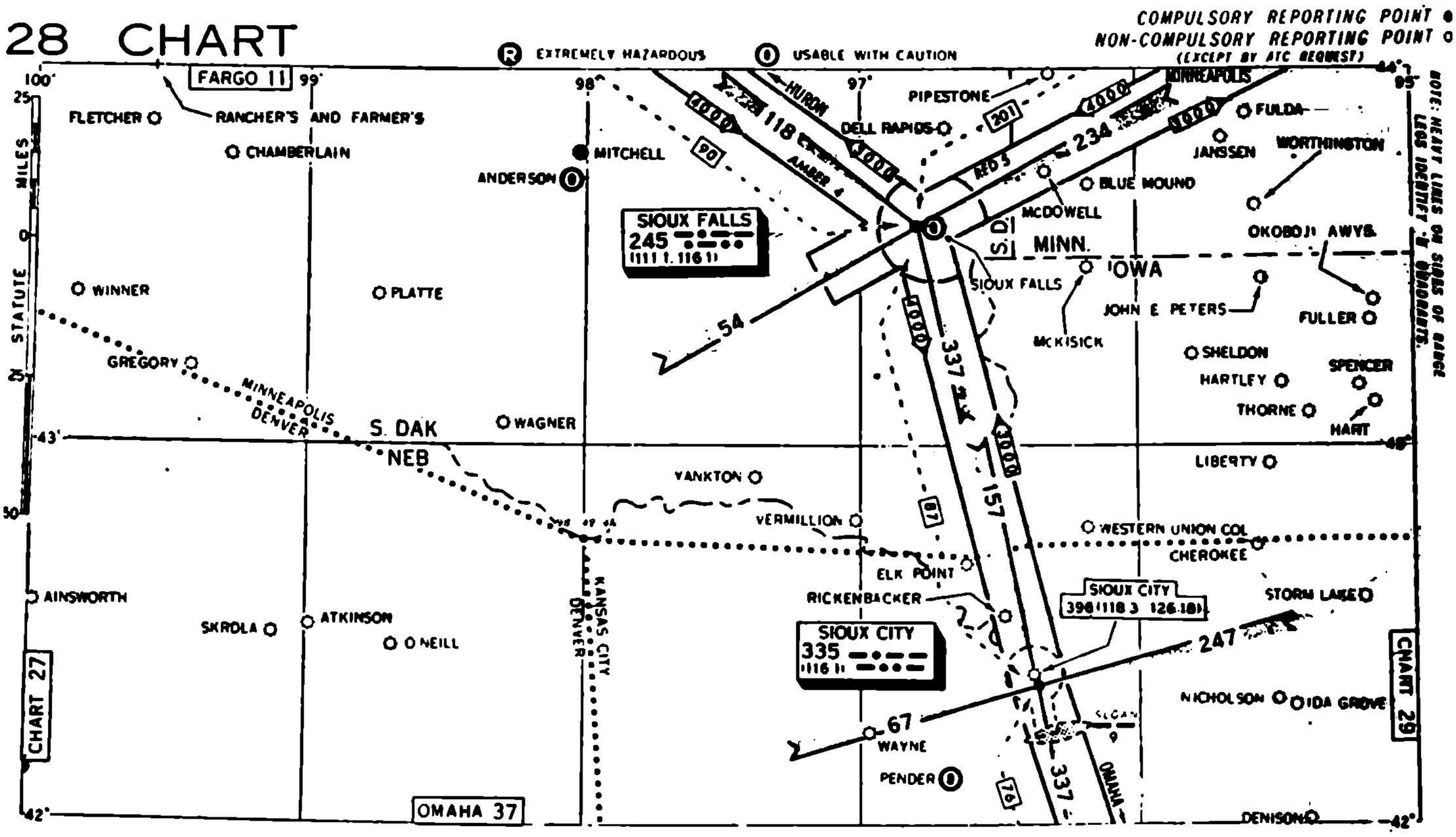
ROCK SPRINGS





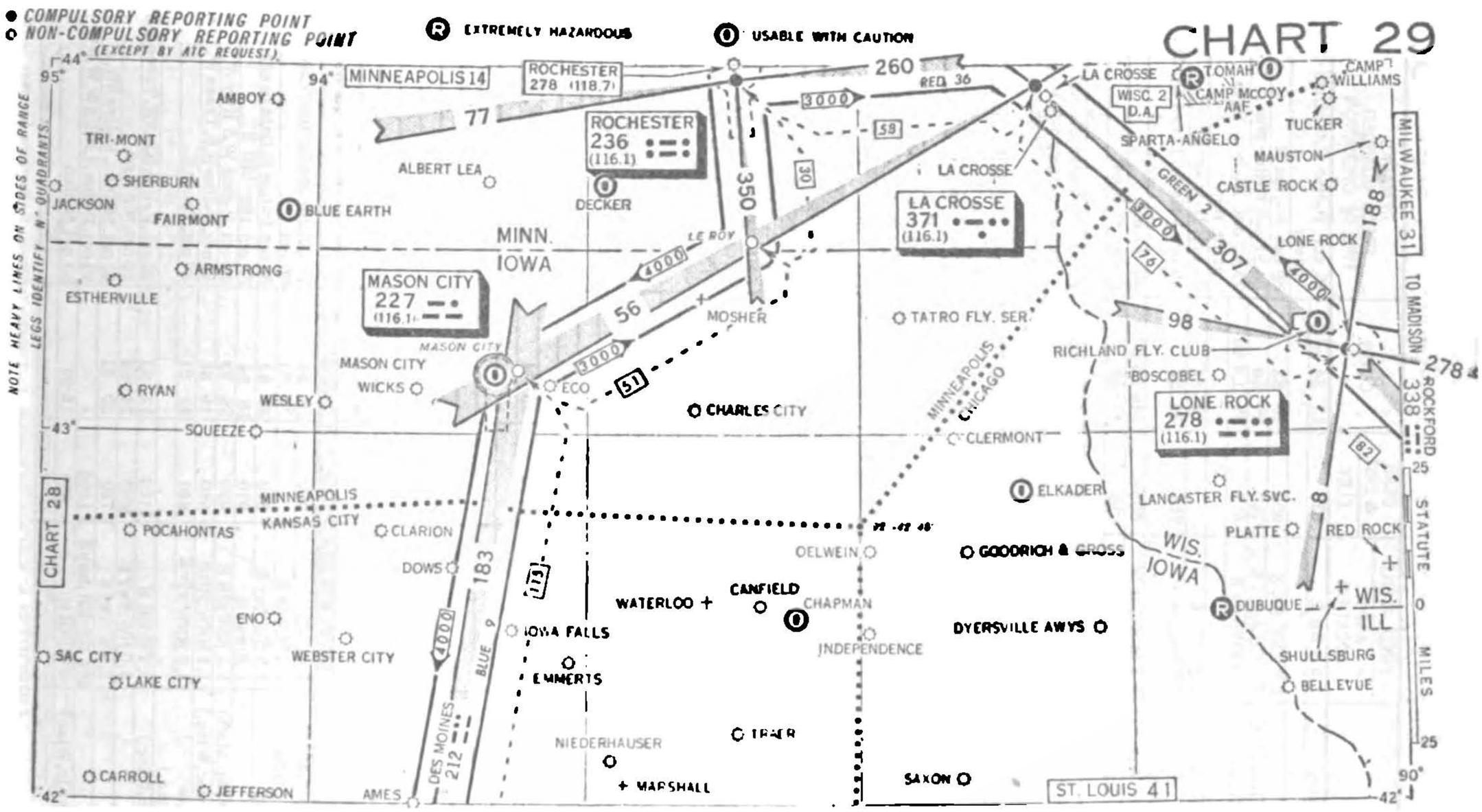
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4); 116.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
➛ Crawford (Nebr)	3.8 NNW;hwy E			ABANDONED
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	42 S1	80 oct. P-lines SE,S,NW,N.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	80 oct. P-line N,E.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S.
Seneca (Nebr)	2.2 NNW;riv S	3200	26 S1	Ltd 80 oct. Twr NNW. NW
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. P-line S,SE,SW,W
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles
(P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	73,80,91 oct. Rough. NE.
NEW FACILITIES				
Murdo (S.D.)	1 WSW;hwy E,S	2300	25 S1	80 oct. NE,E blkd. Use ctn.
Wall (S.D.)	0.5 NW;RR E	2800	33 S2	73 oct. NE,E,SE,S blkd

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)➛ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	29 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NF	2109	22	Trees S.P-line E,SE, N, NW
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;rivSE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Och-eyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct Poles NE.
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct No sto
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 [mil.acft.
(NG) [Sioux Falls Mun.] (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. [3-ech maint NG]
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SSW;lk NE	1300	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N.RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct. Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E in town.
NEW FACILITIES				
→ O'Neill (Nebr.)	2 NW;hwy N	2100	35 S6	80 oct.N,SE,S,SW blkd.
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto.P-line S.
Hartley (Iowa)	7 SE;RR NE	1490	26	P-line SE.
Blue Mound Air Svc (LuVerne, Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
Ida Grove Flying Svc (Ida Grove, Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
Ainsworth Mun (Nebr)	7.5 WNW;RR N	2580	73h L5 S6	80,91 oct.No sto.

S-Simul. Range and Voice. W-Without Voice Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs (4)-3105, 4495, 6210; 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1 127.80, 140.58 mcs h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page XIII→ NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop N.B Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct.P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct.Lgt acft only
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct.Trees E.
Bellevue (Iowa)	3.1 N;riv E	652	18 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct.Flares on req
(A) Camp McCoy (Wis)(A)	2 SSW	830	50	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	800	32 S6	87 oct.P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct.P-lines S.
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct.P-line SE,NE.
→ Conrad (Iowa)	3 WNW;RR S			ABANDONED. blkd.
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct.No sto.N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. NW.
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80,91 oct.Poles S,SE,
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct.Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct.P-line NW. NE. Rnwy data unver.
(P) Emmerts (Eldora,Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct.Poles NW,SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct.Port rnwy lgts. Poles SE,SW.
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct P-line W.Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct. on req
→ Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
→ Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct.Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct.No sto.P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127° 1.8	SBRAZ-DTV	(4); 116.1 No flood lgts.
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct.Bet rivs.
* La Crosse Int,23A, CG-Twin Cities(Wis)	8 NNW; RR NE	667	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int,15,CG-→ Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. P-line NE

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
MASON CITY H Fac. (Ia)	227(NM)(116.1)		BHTV	(4);116.1,122.1 (cont.)
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct.Poles
Mosher (Riceville,Ia)	1 W;hwy S	1263		80 oct.P-line S. SSE. Data unver.
→ Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock(Darlington)	5 SE;RR E		12 S1	80 oct.Data unver.(Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct.Trees E,S.Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,122.5
Rochester Mun (Minn)	1.7 SSE;RR W	1040	43h L4 S6	80,91 oct.P-line E,NW
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1225	18 S2	80 oct.Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	880	26 S6	73 oct.P-line N
Sherburn (Minn)	2 WNW;RR S,E	1300	21 S2	80 oct.Pwr line ESE.
→ Shullsburg (Wis)	1.1 S	1080	17 S6	80 oct.Trees SW
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct.Poles sur fld.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct.P-line NW,W.
Tatro Fly.Svc.(Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct.180' hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct.P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct.Data unver No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct.P-line N,S.
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct.Poles NW,SW.
NEW FACILITIES				
Jackson (Minn)	2 N	1440	28 S2	80 oct,P-line S.
Charles City (Iowa)	3.3 E;RR S	1080	28 S2	80 oct.P-lines N,S,SW,NW.
Eco (Mason City,Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct.P-line N,NW.
Oelwein (Iowa)	3 W	1050	26 S6	80 oct.P-line N,W.
Niederhauser (Marshalltown,Iowa)	4 N;hwy E	900	32 S6	80,91 oct.No sto.P-line N,W.
Marshall Fld (Marshalltown,Ia)	3 E	890	S6	80 oct.Data unver
→ Lancaster Flying Service (Wisc.)	1.8 ENE;RR NW	1110	24 S6	80 oct.Fallen trees SE.
→ Mauston(Femonweir,	2 SW;RR N	880	15 S1	Wisc.) 80 oct,N blkd.
→ Boscobel (Wisc.)	2 NE;RR S	670	27 S1	80 oct.Bluffs NNE,SE,NW.
Castle Rock (Wonewoc,	1.1 NNW;RR S	960	15 S1	80 oct.P-line NE,SW.(Wisc)
Tucker Fly. Service (New Lisbon,Wisc)	1.6 NNW;riv E	880	13 S1	80 oct,Trees E.
Platte(Platteville,Wisc)	3.1 E;RR E	1100	22 S2	80 oct.P-line NE,SW.

RADIO: S-Short Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-2695, 4495, 6295 kcs. (4)-2695, 4495, 6295, 8917.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. (LK)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 121.9, 149.19 mcs. ● A.A.C.S. Scheduled Broadcast on 4495 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page 1111) →-New or revised data. (Parent)-Airline Stop. R.B. Radio facilities are all CAPITALIZED. Airports are oriented and non-capitalized.

MILWAUKEE

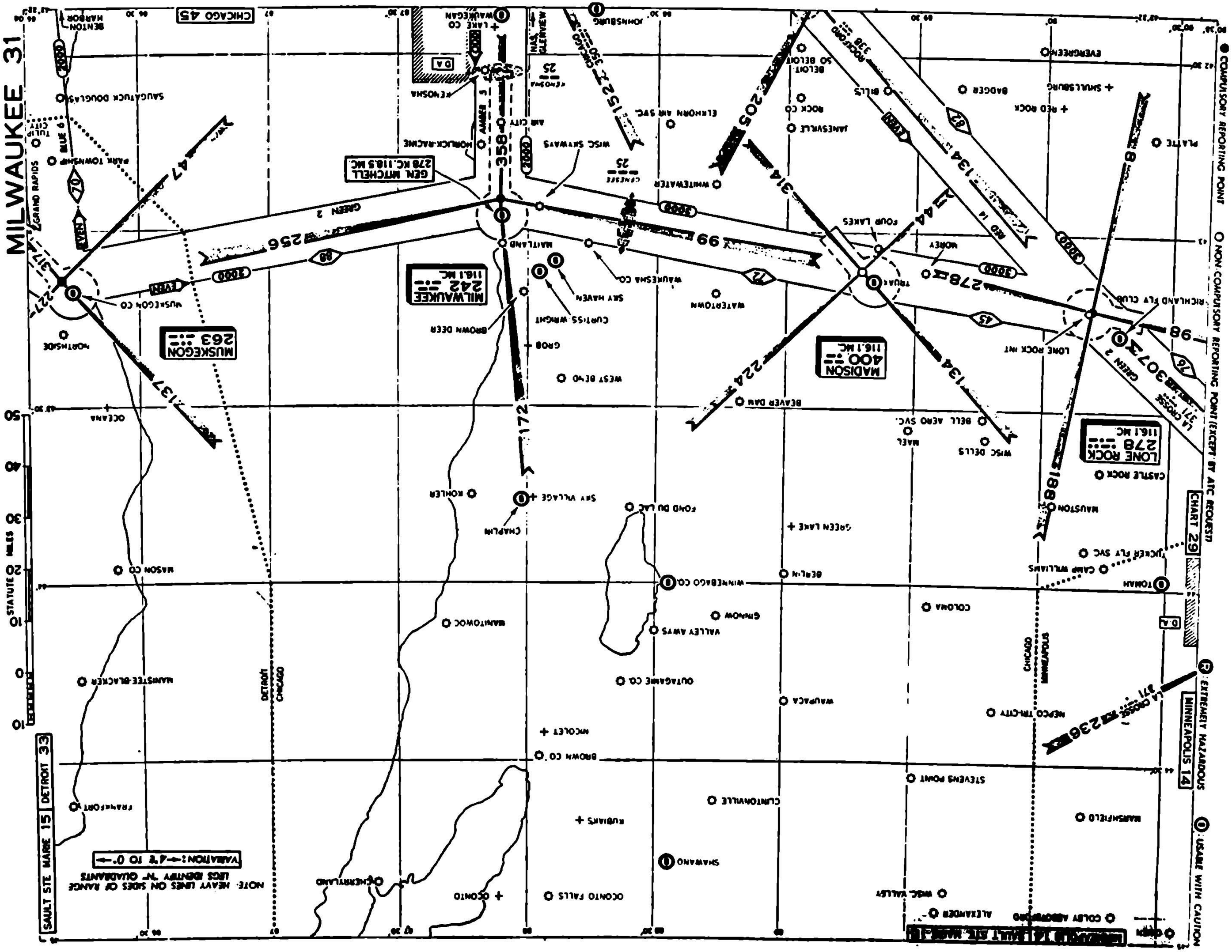
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo, Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit, Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
➤ East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis) [(Warren,Ill.)]	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
Evergreen Flying Club	1.4 SSE;hwy W	1000	26	PRIVATE
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis).	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
➤ Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
★ Lone Rock Int.15.CG-Twin ➤ Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE.	820	26 S6	80 oct.Obsts sur fld.
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W,SW SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	2 NNW;hwy E	928	33 S6	80 oct.S blkd.Trees NW.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMRLZ-DT	(4)
(P) [Muskegon Co.] (Mich.)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nenco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland, Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Fly. Club (Sextonville,Wisc)	0.2 NW;riv W	724	25 S2	80 oct.Pole W. Trees E,SSE.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	670	26 S2	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
➤ Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1180	30 S4	80 oct,P-line N,NW.

NEW FACILITIES

Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto.Refinery SW.
Oceana (Rothbury, Mich)	1 2 W;hwy E		30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy W
➤ Castle Rock(Wonewoc,Wisc.)	1.1 NNW;RR S	960	19 S2	80 oct,P-line N,S.Trees W.
Tucker Fly. Service (New Lisbon,Wisc.)	1.6 NNW;riv E	880	15 S1	80 oct,Trees E.
Platte (Platteville,Wisc.)	3.1 E;RR E	1100	22 S2	80 oct,P-line NE,SW.Trees S,SE.
Coloma (Wisc.)	3.0 NW;hwy E	1065	26 S2	80 oct,N,S blkd.
Berlin (Wisc.)	2.9 W;hwy S	780	20 S1	80 oct,SE blkd,P-line SW.
Owen (Wis)	0.7 NE;RR,hwy S	1270		80 oct.P-line N,NE,SW,W,NW
Mauston (Lemonweir,Wisc)	2 W;RR N	880	15 S1	80 oct,N blkd.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
➤ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


MILWAUKEE 31
CHICAGO 45
MUSKEGON 263
MILWAUKEE 242
116.1 MC
GEN. MITCHELL 278 KC, 118.5 MC
MADISON 400
116.1 MC
LONE ROCK N78
116.1 MC
256
99
278
307
224
172
188
237
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
CHART 29
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
MINNEAPOLIS 14
SAULT STE MARIE 15
DETROIT 33
STATUTE MILES
VARIATION: 4° E TO 0°
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct.Poles N.Trees E,S,W
Aviation Co.Club(Galesburg)	1,8 WSW;lake S	800	1C S1	80 oct.Trees NE,NW (Mich)
Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct.Poles NW,N,S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S.
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S4	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
→ Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	80 oct.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2.2 E;riv 0.8 SW	735	26 S4	80 oct.N,S appchs blkd.
DETROIT H Fac (Mich)	338(D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
→ FLINT H Fac. (Mich)	335(FN)(116.1)		MHTV	(3);116.1,122.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto P-lines S, N.
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req Poles SE,NE
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough
Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct.P-line N.Trees sur fld
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	80 oct. Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req (Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bed W	936	62h L5 S6	80-100 oct Lgts on req
(P) [Kent Co.] (Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld Rdo
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW.Trees
LANSING Range (Capital City)	206(LJ)(116.1)	280°,3.0	SBMRAZ-DTV	(4);116.1 (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,S
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	0.7 ESE;riv N	760	21 S2	80 oct.Obst sur fld,Ctn soft.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80 oct.E,SE,SW,W,NW blkd
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMRLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv E		26 S3	80 oct. Data unver.
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80,91 oct.P-line SE,S.Lgts on req.Trees NW,NE
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct.Poles S,SE,SW. Lgts on req.Trees NW,NE
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396 (126.18)+		CA (ILS-W)	(3) only.
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct.IP-1.Poles E FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct (Mich)
(P) [Tri-City] (Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct. ONLY"
White Cloud (Mich)	0.5 N	872	18	Twr SE P-lines NE,SW
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct N,NE blkd.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

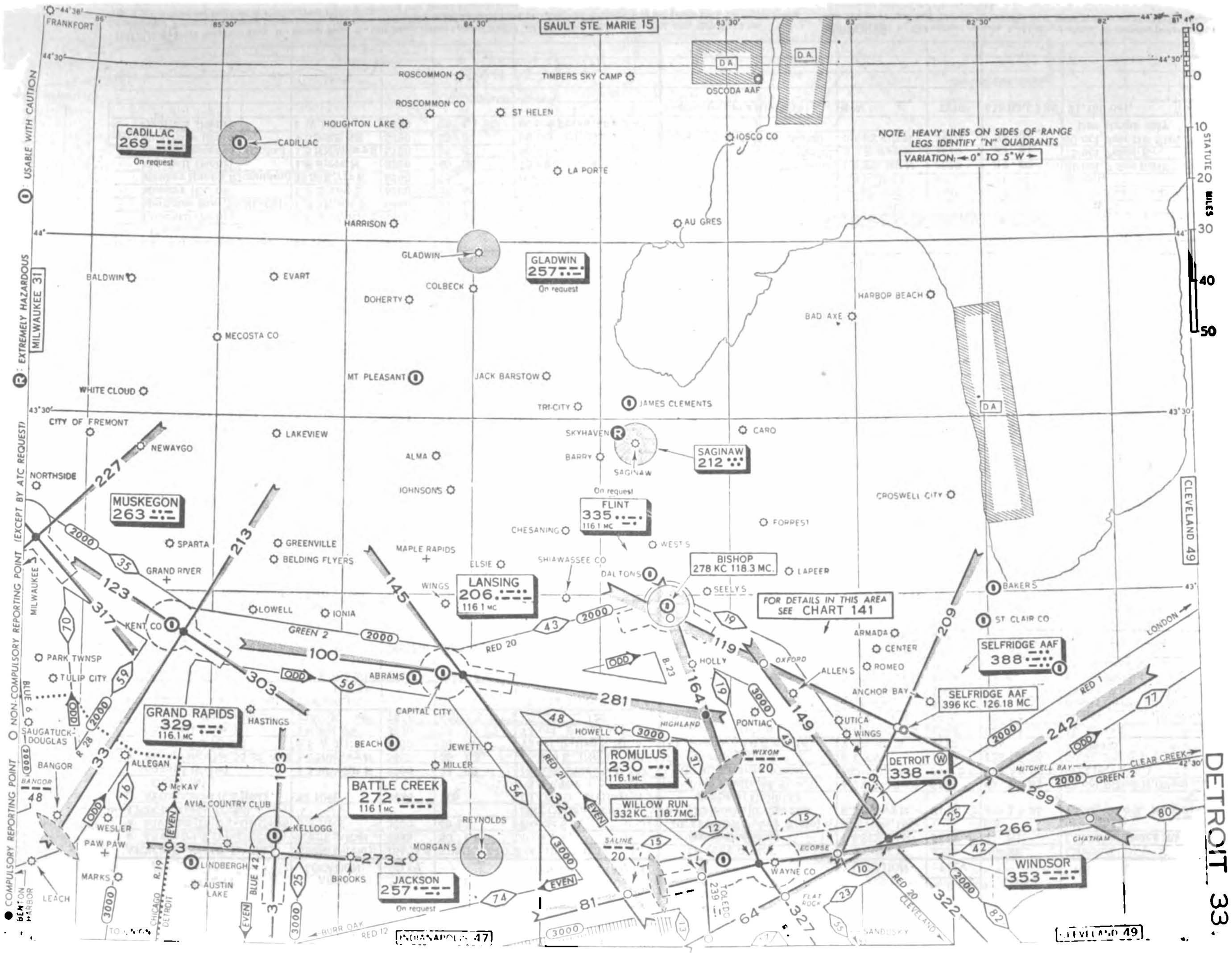
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23) MM- ••••• (0.83) OM- — — (4.31)
				MMK- OMK-
WILLOW RUN			50°	IM- MM- OM-
				MMK-341 ▬ (0.65) OMK-359 •▬▬ (5.80)

NEW FACILITIES

Utica (Mich)	2.7 WNW;hwy S	710	20 S1	Ltd 80 oct.P-line N,W,SE Soft
Romeo (Mich)	2 ESE;lake E	730	30 S1	80 oct N blkd Poles ..RR N..
(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct 1-ech main NG ARPT OF ENTRY
(P) [Willow Run] (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N (Mich)
→ Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct P-line E,S NW
City of Fremont/Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW Trees SW NE,SE
Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
McKay(Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
Morgan's(Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE,
Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd S,SW P-line N Tree W
Tawas City (Mich)	1WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
WINDSOR Range (Ont.Can.)	353(CG)	243°,3.3	SBRAZ-T	3105,6210,3117.5
WILLOW RUN Tower (Mich)	332(118.7)		C(ILS-W)	(4);118.7
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line N,S Hwy
Wings (St.Johns,Mich)	2.7 SW;RR N	760	21 S1	80 oct.Trees S,E,NE.
→ Richmond Fld (Gregory,Mich.)	1.7 SE;lk E	920	23 S2	80 oct.Trees N,ESE.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs ✚ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
CADILLAC 269 On request
CADILLAC
ROSCOMMON
ROSCOMMON CO
HOUGHTON LAKE
ST HELEN
TIMBERS SKY CAMP
OSCODA AAF
D A
IOSCO CO
LA PORTE
HARRISON
AU GRES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W
GLADWIN
GLADWIN 257 On request
BALDWIN
EVART
COLBECK
DOHERTY
MECOSTA CO
HARBOR BEACH
BAD AXE
MT PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
CITY OF FREMONT
LAKEVIEW
SKYHAVEN
CARO
SAGINAW 212
BARRY
SAGINAW
ALMA
NEWAYGO
NORTHSIDE
JOHNSONS
On request
FLINT 335 116.1 MC
CROSWELL CITY
MUSKEGON 263
CHESANING
FORREST
WEST S
SPARTA
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
ELSIE
SHIAWASSEE CO
BISHOP 278 KC 118.3 MC.
DALTONS
LAPEER
GRAND RIVER
WINGS
LANSING 206 116.1 MC
SEELYS
BAKERS
FOR DETAILS IN THIS AREA SEE CHART 141
LOWELL
IONIA
KENT CO
GREEN 2
RED 20
ARMADA
CENTER
ST CLAIR CO
SELFRIDGE AAF 388
PARK TWNSP
TULIP CITY
HOLLY
OXFORD
ALLENS
ROMEO
ABRAMS
CAPITAL CITY
ANCHOR BAY
SELFRIDGE AAF 396 KC 126.18 MC
GRAND RAPIDS 329 116.1 MC
HASTINGS
HOWELL
HIGHLAND
PONTIAC
UTICA
WINGS
SAUGATUCK DOUGLAS
BEACH
JEWETT
MILLER
ROMULUS 230 116.1 MC
WIXOM
DETROIT W 338
MITCHELL BAY
CLEAR CREEK
BANGOR
ALLEGAN
McKAY
AVIA COUNTRY CLUB
BATTLE CREEK 272 116.1 MC
WILLOW RUN 332 KC 118.7 MC.
REYNOLDS
KELLOGG
WESLER
PAW PAW
MORGANS
SALINE
ECORSE
WAYNE CO
LINDBERGH
BROOKS
JACKSON 257 On request
AUSTIN LAKE
MARKS
LEACH
FLAT ROCK
SANDUSKY
WINDSOR 353
CHATHAM
TOLEDO 299.6
BURR OAK
RED 12
INDIANAPOLIS 47
CLEVELAND 49
DETROIT 33
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
MILWAUKEE 31
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
0
10
20
30
40
50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo) (Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles E.
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
→ ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W;RR S	4160	38 S2	73 oct. P-line N,NE,SE,
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W S,NW
CHEYENNE Range (Wyo)	326(CX)(vhf)	75°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.; 73,91,100 oct. for Army 80,100 oct, 2-ech maint NG.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	Poles W
(P) Craig (Colo)	1.8 SE;riv N	6300	51 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV Use in emerg
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	42 S6	80 oct. p-line NE,N.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	38	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947
Flagler (Colo)	0.8 S;hwy N	4975	40 S4	80 oct. P-line E,NE,SE.
(P) Ft. Collins,5,DV-LR	4 WNW;rd S	5150'	36 L1 S6	73,80,91 oct. (Colo.)
Fremont Co. (Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct. Rnwy data unver.
→ General Brees (Laramie)	See Brees Field under "New Facilities" - name changed.			
Glenwood Sprgs. (Colo)	2 S	5900	31 S4	73 oct.
Granby (Colo)	1 ENE;hwy S	8200	39 S2	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	37 S4	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;hwy S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630'	21 S4	80 oct. P-line W. Data
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. unver.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4);116.1,122.1 (Colo)
LARAMIE Range (General Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD. Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	36 S1	80,91 oct.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees, poles
Montrose (new) (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
→ Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct. CLOSED
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW
Ordway (Colo)	0.9 S;RR N	4300	40 S2	Caution.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct. P-line N. (Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(4);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91,100 oct. E blkd.
(A) Pueblo AAB (Colo) (A)	7 NE;RR S	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR 1 S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N; riv .5 E	4900	26 S1	73 oct. Emerg only.
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	91 oct. Do not land N or S. P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S4	80 oct. Trees W,
Saratoga Mun. (Wyo)	0.7 SSW;hwy F	6900	47 S1	80 oct. P-line ESE.
→ Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo) (Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
★ Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton] (Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson (Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post (Kit Carson)	0.8 NW;crk E	4290	40	PRIV P-line S,SE. (Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW. (Wyo)
Wray (Colo)	1.2 NNW;hwy E	3400	36 S2	80 oct.
(P) Young (Ft. Morgan,Colo)	6 N;hwy E	4460	52 S6	73,80 oct. Rough
Yuma (Colo)	1.4 SSE;hwy W	4150	54 S6	80 oct. P-line S,SE,SW,NW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

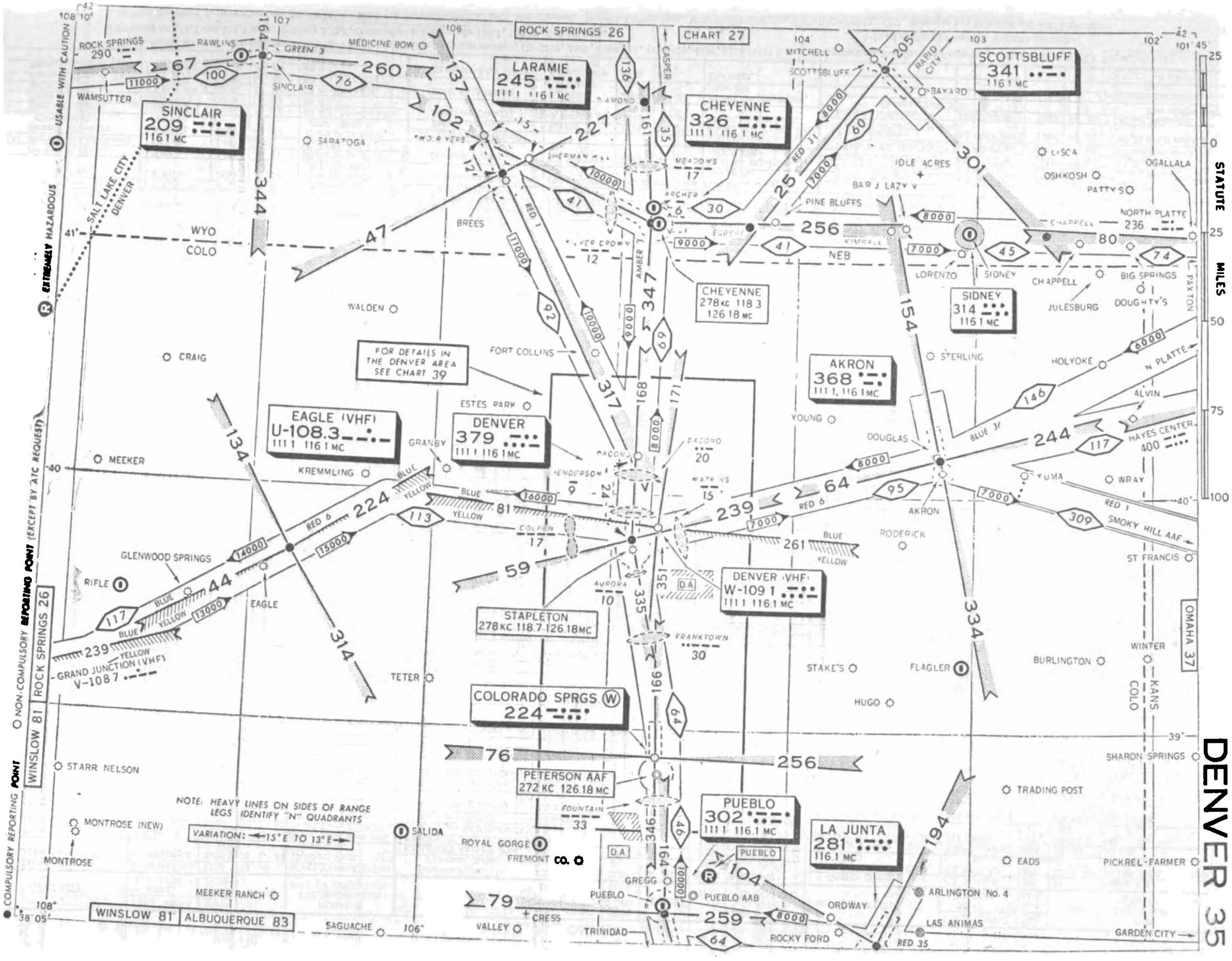
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3	335	206°	IM-	MM- ·-·- (0.65)	OM- — — (4.19)
					MMK- 335 ··· —	OMK-359 — ··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O'Conta (Wisc)	1.5 SW;bay W	590	36 S2	80 oct. P-line N. Data unver.
(P) Sterling (Colo.)	2.8 W;RR S	4020	34 S6	80 oct.
Pickrel-Farmer (Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct. Poles N,NE; bldgs
Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct. Poles E E
Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct. Pole NE Elev. NW Use strips only.
→ Brees (Laramie,Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (2) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.58, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time. Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ROCK SPRINGS 26
CHART 27
DENVER 35
STATUTE MILES
ROCK SPRINGS 290
WAMSUTTER
RAWLINS
GREEN 3
MEDICINE BOW
SINCLAIR
SINCLAIR 209 116.1 MC
LARAMIE 245 111.1 116.1 MC
SARATOGA
CHEYENNE 326 111.1 116.1 MC
MITCHELL
SCOTTSBLUFF
SCOTTSBLUFF 341 116.1 MC
RAPID CITY
BAYARD
IDLE ACRES
BAR J LAZY V
PINE BLUFFS
LISCA
OSHKOSH
PATTY'S
OGALLALA
NORTH PLATTE 236
CHAPPELL
LORENZO
SIDNEY
SIDNEY 314 116.1 MC
JULESBURG
DOUGHTY'S
BIG SPRINGS
FAYTON
CHEYENNE 278 KC 118.3 126.18 MC
WALDEN
BREES
CRAIG
FOR DETAILS IN THE DENVER AREA SEE CHART 39
FORT COLLINS
ESTES PARK
EAGLE (VHF) U-108.3 111.1 116.1 MC
DENVER 379 111.1 116.1 MC
GRANBY
KREMMLING
MEEKER
AKRON 368 111.1 116.1 MC
STERLING
HOLYOKE
N PLATTE
ALVIN
HAYES CENTER 400
YOUNG
DOUGLAS
AKRON
YUMA
WRAY
SMOKY HILL AAF
RODERICK
ST FRANCIS
GLENWOOD SPRINGS
RIFLE
EAGLE
GRAND JUNCTION (VHF) V-1087
STAPLETON 278 KC 118.7 126.18 MC
DENVER (VHF) W-109.1 111.1 116.1 MC
FRANKTOWN
AURORA
STAKE'S
FLAGLER
HUGO
BURLINGTON
WINTER
COLO
KANS
OMAHA 37
TETER
COLORADO SPRGS 224
STARR NELSON
PETERSON AAF 272 KC 126.18 MC
SHARON SPRINGS
TRADING POST
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°E TO 13°E
MONTROSE (NEW)
MONTROSE
SALIDA
ROYAL GORGE
FREMONT CO.
PUEBLO 302 111.1 116.1 MC
LA JUNTA 281 116.1 MC
EADS
PICKREL FARMER
MEEKER RANCH
PUEBLO
PUEBLO AAB
ARLINGTON No. 4
ORDWAY
SAGUACHE
VALLEY
CRESS
TRINIDAD
LAS ANIMAS
ROCKY FORD
GARDEN CITY
WINSLOW 81 ROCK SPRINGS 26
WINSLOW 81 ALBUQUERQUE 83
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
SALT LAKE CITY
DENVER
WYO
COLO
NEB
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy S	2900	26 S6	80 oct. Soft when wet.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs S,SW; poles S, Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
* Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr) (A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S, NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct. P-lines N.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW, W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE, SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S6	80,91 oct. Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data un- ver.
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE, N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E, NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W, NW, S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE, E, SE.
Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. W. Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1846	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N, W.
(A) Harvard AAF (Nebr) (A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N,S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S, W, NE, SW, W, NW.
Hawks (Bruning, Neb)	3.8 ESE;rd N	1544	29 S4	80 oct. N blkd. Poles
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts 6:1, SW 10:1.
Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N, NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	25 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY. AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr) (A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE;RR SE	2012	33 S6	80,91 oct. Use strips.
LEBO Range (Int.) (Kans)	311(LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW.	2325	29 S2	creek NE 80 oct.
Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE, E, SE,
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) [Lincoln] (Nebr)	5.5 NW;RR NE	1191	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG.
Lyons (Kans)	1.3 W;hwy N	1950	28 S6	73 oct. P-line NW, N, NE
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy S.
(A) McCook AAF (Nebr) (A)	9 NNW;hwy E	2784	75h	CLOSED.
McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	80 oct. Poles SW, W, RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S6	80 oct. P-line SE. 8 NE
NORTH PLATTE Range (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE, NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un- ver.
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; lk W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1 E NW, RR, hwy E	2060	31 S4	80 oct. Use strips.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278 (118.5, 126.18)		C	(4); 118.5, 126.18, 122.5; 100-150 mcs on req.
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE, NW, NE
Republican City (Nebr)	See Waldo Air Svc under "New Facilities" - name changed.			
Russell (Kans)	2.7 ESE;hwy N	1860	32 S6	73,80,91 oct. Poles N, NE, S, SW.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE	1275	26 S6	80, 91 oct. P-line NW.
Schuyler (Nebr)	2.8 W;RR S	1380	20 S4	80 oct. NE, SW blkd.
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N, NE, NW, SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N, S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.1	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N, NW.
TARKIO H Fac. (Mo)	281 (TK) (116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE, SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
GRAND ISL. AAF (A)				DECOMMISSIONED	
OMAHA	110.3	335	135°	IM- - • - •-(0.78)	OM- - - •(4.90)
				MM- 201 • • • •	OMK- 219 - - -
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- • • • • • • (0.89) OM- - - •(4.20)
				MMK-	OMK-
				IM-	MM- OM-
				MMK-	OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blkd.	
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE	
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.	
Wahoo Mun. (Nebr)	2.5 NE	1180	25	Poles S.	
Cakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.	
Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.	
Burdett Fly. Club (Kans)	1 SW;RR N	2140	20 S1	80 oct. Poles E, S. Use strips.	
Concordia (Kans)	1.7 S;hwy W	1510	20 L S6	80 oct. Flood, port rnwy lgts	
Downs Mun. (Kans)	0.4 SSW;riv S	1500	22 S2	80 oct. N, NW blkd. Pole W	
Ellsworth (Kans)	1 N;twr 0.8 S	1630	26 S6	80 oct. FEE. P-lines NE	
Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S, N	
Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S, W	
Marysville (Kans)	1.3 ENE	1240	26 S2	80 oct. P-lines N, S	
Nessco (Ness City, Kans)	1.6 ESE;RR 0.6 N	2240	26 S2	80 oct. E/W rnwy unsafe	
Ness Fly. Club (Ness City Kans)	1 ESE;RR N	2245	23 S2	80 oct. Poles N, S when wet	
Oakley (Kans)	0.6 SSW;RR N	3050	26 S2	80 oct. P-lines SE, S, NW, N	
Ritter (Jct. City, Kans)	3.7 W;hwy N	1260	18 S2	80 oct. Poles NE, N. Use strps.	
Sterling Air Svc. (Kans)	1.2 SSW;lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs	
Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE	
Superior (Nebr)	2 N;hwy W	1735	26 S2	80 oct.	
Geneva Fly. Svc. (Nebr)	1.2 SSW;RR NW	1633	26 S4	80 oct. Poles E. Soft-wet	
Roush (Grand Isl. Nebr)	2 SSE;riv N	1841	32 S6	80,91 oct. E blkd.	
Harmon (Kearney, Nebr)	1.3 NNW;lk S	2240	17 S4	80 oct. Soft when wet.	
Waldo Air Svc (Republican City, Nebr)	0.5 WNW;riv S	1980	30 S6	80,91 oct. N end soft.	
Heller Air Ranch (Wisner, Nebr.)	5 SSW;rd S	1350	22 S4	80 oct. Poles SE. Use strips only.	

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and not capitalized.

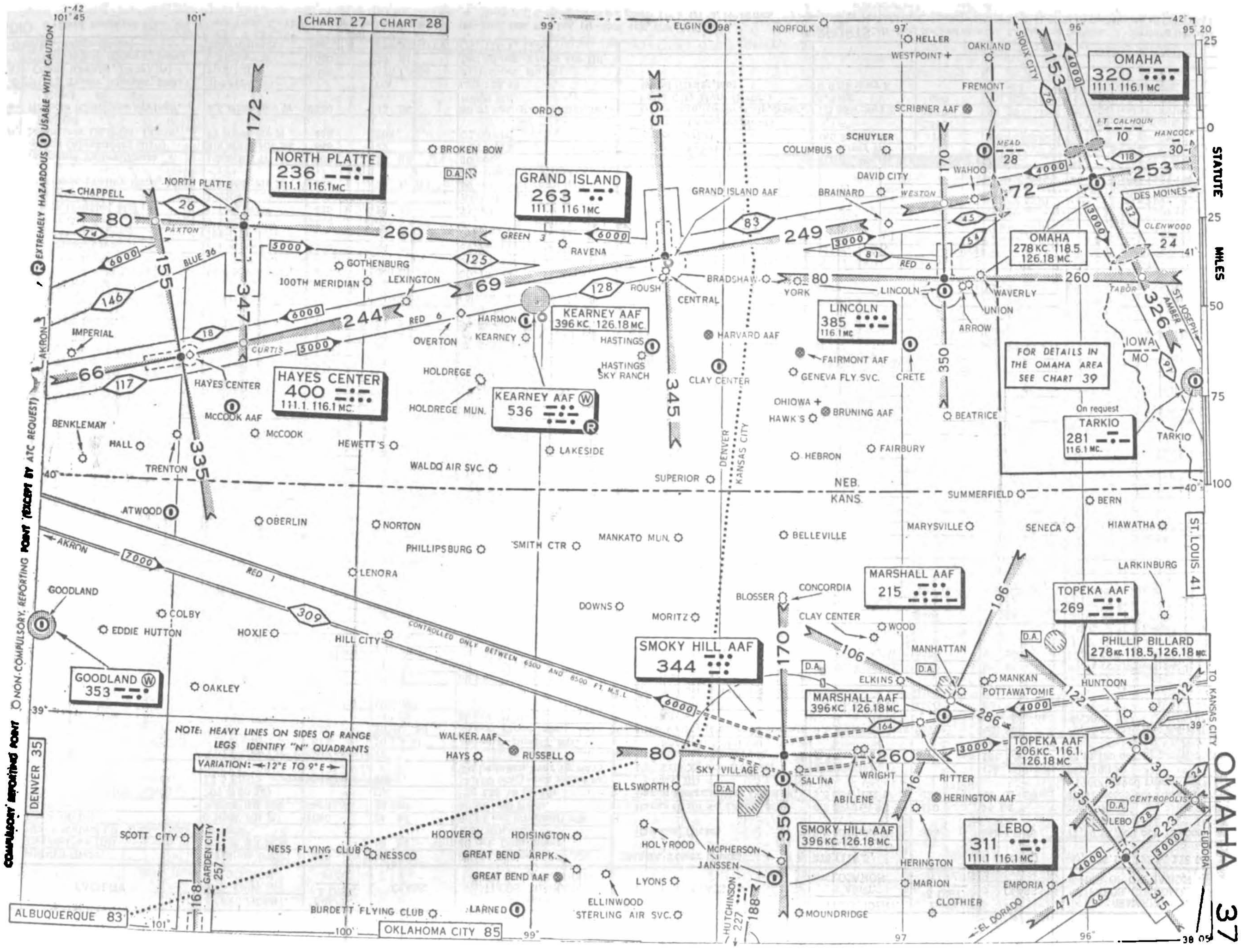


CHART 27
CHART 28
NORTH PLATTE 236 111.1 116.1MC
GRAND ISLAND 263 111.1 116.1MC
KEARNEY AAF 396 KC. 126.18 MC.
HAYES CENTER 400 111.1 116.1 MC.
KEARNEY AAF 536
SMOKY HILL AAF 344
GOODLAND 353
OMAHA 320 111.1 116.1 MC
OMAHA 278 KC. 118.5. 126.18 MC.
LINCOLN 385 116.1 MC
MARSHALL AAF 215
MARSHALL AAF 396 KC. 126.18 MC.
TOPEKA AAF 269
TOPEKA AAF 206 KC. 116.1. 126.18 MC
PHILLIP BILLARD 278 KC. 118.5, 126.18 MC.
SMOKY HILL AAF 396 KC. 126.18 MC.
LEBO 311 111.1 116.1 MC
TARKIO 281 116.1 MC.
FOR DETAILS IN THE OMAHA AREA SEE CHART 39
On request
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
CONTROLLED ONLY BETWEEN 6500 AND 8500 FT. M.S.L.
STATUTE MILES
OMAHA 37

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct P-line N,NW,NE.
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver.
Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct Windmill NW.
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S6	80,91 oct. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73,100 oct,1-ech maint NG. To be taken over by Navy.
Calhan (Colo)	0.6 ESE;hwy N	6500	22	
Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy 1 W	612	26 L3 S1	80 oct,P-line NE,NW.
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct. P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct P-line N,S.
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW
Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34 S6	73,91 oct.
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Ziegler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E
Flock's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E. PRIVATE
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct Port rnwy lgts
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct Port lgts on rep. SE blocked
LAMBERT-ST LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126 18, 122 5, 118 3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;hwy .5 S	5030	44 S6	80,91 oct Trees NW
LOWRY Tower (Colo)	396 (126.18)+		CA ◆:00.20	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct Port rnwy lgts P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct P-line SE,S,SW, NW,N,NE.
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L4	NW blk.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct. Port rnwy lgts. 1700' paved rnwys.
PETERSON Tower(Colo)	272(126.18)		CA	(4):126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;bet RR,hwy	6575	42 S6	80,91 oct. P-line NE,E,SE, W,NW.
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct P-line NE,SW, E,W blocked.Rnwy data unver. Bet RR & hwy.
Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	80,91 oct.Poles sur fld.
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116 1, 122 1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°,7.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	51 S6	80,91 oct. Use strips.
SPRINGFIELD,Ill,(Range)	239(2?)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;riv .3 N	615	24 S2	80 oct.Trees ESE,SE,WNW.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E			ABANDONED
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S6	80 oct. P-line SW,trees S.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAMBERT	110.3		238°	IM-		MM- (0.64)	OM- (3.98)
						MMK- 201	OMK-
OMAHA	110.3	335	135°	IM-		MM- (0.78)	OM- (4.90)
						MMK- 201	OMK- 219
STAPLETON	110.3	335	206°	IM-		MM- (0.65)	OM- (4.19)
						MMK-335	OMK- 359

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct.S blkd.
Lisco (Nebr)	0.5 W;RR N	3800	26	
Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E	1150	28 S2	80 oct.
Falls City Mun. (Nebr.)	1.8 NE	960	29 S2	80 oct.
Ward (Craig,Mo)	0.6 NE;hwy S		25 S4	80 oct. P-line ESE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

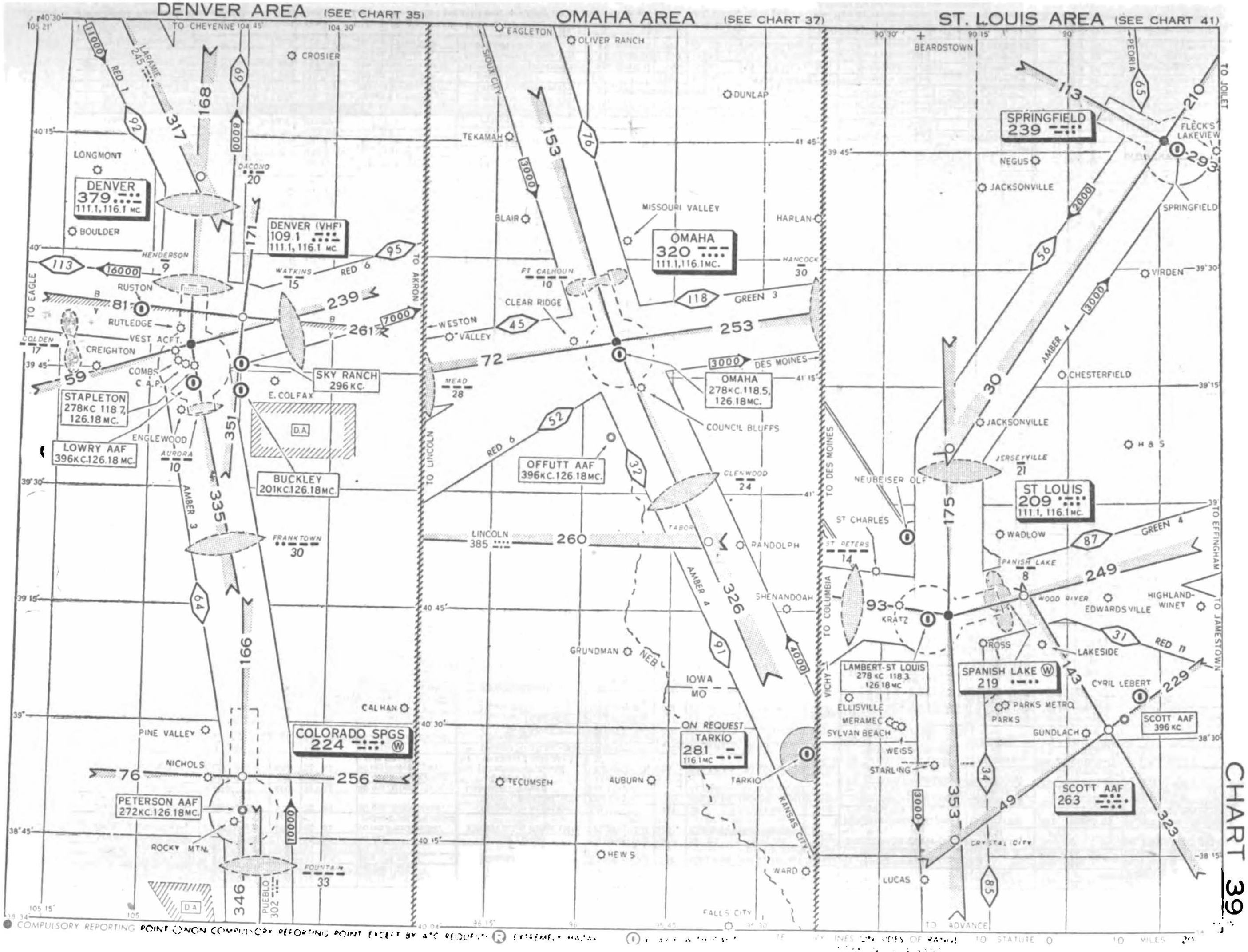

DENVER AREA (SEE CHART 35)
OMAHA AREA (SEE CHART 37)
ST. LOUIS AREA (SEE CHART 41)
DENVER 379 111.1, 116.1 MC.
DENVER (VHF) 109.1 111.1, 116.1 MC.
SKY RANCH 296 KC.
STAPLETON 278KC 118.7, 126.18 MC.
LOWRY AAF 396KC 126.18 MC.
BUCKLEY 201KC 126.18MC.
COLORADO SPGS 224
PETERSON AAF 272KC 126.18MC.
OMAHA 320 111.1, 116.1MC.
OMAHA 278KC 118.5, 126.18MC.
OFFUTT AAF 396KC 126.18MC.
LINCOLN 385
TARKIO 281 116.1MC
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1MC.
LAMBERT-ST LOUIS 278 KC 118.3 126.18 MC
SPANISH LAKE 219
SCOTT AAF 396 KC
SCOTT AAF 263
TO CHEYENNE
TO EAGLE
TO AKRON
TO LINCOLN
TO DES MOINES
TO JOLIET
TO EFFINGHAM
TO JAMESTOWN
TO ADVANCE
LONGMONT
BOULDER
CROSIER
DACONO
HENDERSON
WATKINS
RUSTON
RUTLEDGE
CREIGHTON
COMBS
E. COLFAX
ENGLEWOOD
AURORA
FRANKTOWN
PINE VALLEY
NICHOLS
ROCKY MTN.
CALHAN
FOUNTAIN
PUEBLO
EAGLETON
OLIVER RANCH
DUNLAP
TEKAMAH
BLAIR
MISSOURI VALLEY
HARLAN
FT CALHOUN
CLEAR RIDGE
WESTON
VALLEY
MEAD
COUNCIL BLUFFS
GLENWOOD
RANDOLPH
SHENANDOAH
GRUNDMAN
NEB
IOWA
MO
TECUMSEH
AUBURN
TARKIO
HEWS
WARD
FALLS CITY
KANSAS CITY
BEARDSTOWN
PEORIA
FLECK'S LAKEVIEW
NEGUS
JACKSONVILLE
SPRINGFIELD
VIRDEN
CHESTERFIELD
JERSEYVILLE
H & S
NEUBEISER OLF
ST CHARLES
ST PETERS
WADLOW
SPANISH LAKE
WOOD RIVER
EDWARDSVILLE
HIGHLAND-WINET
ROSS
LAKESIDE
CYRIL LEBERT
PARKS METRO
PARKS
GUNDLACH
ELLISVILLE
MERAMEC
SYLVAN BEACH
WEISS
STARLING
CRYSTAL CITY
LUCAS
KRATZ
VICHY
TO COLUMBIA
RED 1
RED 6
RED 11
AMBER 3
AMBER 4
GREEN 3
GREEN 4
LARAMIE 245
SIOUX CITY
FABOR
HANCOCK
DES MOINES
TO STATUTE
TO MILES

CHART 39

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
ATLANTIC H Fac. (Iowa)	257(TZ)(116.1)		MHTV	(4);116.1,122.1
Atlantic, 4R,CG-OH(Ia.)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE. Poles E,SE,NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct. S,SW blckd.
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa) S
Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE,E,
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S;pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW,NE.
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80,91 oct. Obsts.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357,1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa)
(P) Burlington (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E
Butler, (Mo)	2N;RR, hwy W	870	28 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N,W,NW.
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E.
→ CEDAR RAPIDS H Fac	344(CID)		MHW	(Oper City)
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80,91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C.A.P (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo)	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S;trees SW. 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct. rnwy lgts
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80,91 oct, P-line N,S,
COLUMBIA Range (Mo)	379(CA)(vhf)	89°,3.9	SBRAZ-DTV	(4);116.1,122.1 SW
→ Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S6	80,91 oct. No flood lgts
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N,E.
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
→ Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80,91 oct. P-line S,SW, W, NW
DES MOINES Range (Iowa)	212(DM)(vhf)	344°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(A) [Des Moines] (Iowa) → Dixon (Ill)	4.5 SSW	957	57h L5 S4	80,91,100 oct. RR W.
	1.9 ESE;RR S	786	30 L1 S6	80,91 oct. Appchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80,91 oct.
Edwards (Grant City)	1.2 ENE;hwy S	920	23 S2	(Mo.) 80 oct. P-lines S
Fayette Flying Fld. (Mo.)	1.8 S;RR W	730	29 S2	80 oct. Trees W,S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct. unver.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N,NE,S,
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	34 L S6	80,91 oct. Port rnwy.
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct. lgts. P-line NW
Hannibal (Mo)	4.3 WNW; hwy N	735	26 L S6	80 oct. P-line W,SW. Port rnwy lgts. Rough
Hillsboro (Ill)	1 NE lake .5 E	625	27 S6	80 oct. P-line SE,SW,
Hi Way (Fiatt, Ill)	1.3 WNW;hwy S	685	20 S4	80 oct. P-line S,E,NW
(P) Hunter (Cedar Rapids, Iowa)	3 S;hwy E	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S,E.
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IX)(116.1)		BHTV	(4);116.1,122.1
(P) Iowa City (Iowa)	1.7 SW;riv E	650	43h L1 S6	80,91 oct. No sto
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
NEW FACILITIES				
Warsaw (Mo.)	2.5 W;lk N,E,S	690	26 S4	80 oct. Trees W,S,E
Sharon (Fremont, Ill)	1 SE;RR, hwy N	631	21 S6	80 oct. P-line NE.
Zims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E,W
Sky Haven (Warrensb'g, Mo)	3.7 WNW;hwy S	850	24 S6	80,91 oct. P-lines SE, SW
Pana (Ill.)	2 E	706	18 S2	80 oct. P-lines N,
Sky Lake (Tuscumbia, Mo)		588	25 S1	80 oct. Trees NNE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18,118.3, 122.5.
	2.5 NW;riv W,S	744	52h L6 S6	80,91,100 oct. Poles E. Dike W. Flood lgts in op.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80,91 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	320°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1.
Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter. NE.
Kirksvi lle 12, KC-CG	7SE;hwy NE	970	39h L3 S6	(Mo.) 80,91 oct, P-lines
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS)	(4);126.18,122.5, 118.3
(NG) [Lambert-St.Louis] (N) (NAS)(St.Louis,Mo.)	10.8 NW,hwy N, W	552	60h L6 S6	80-100 oct. Rdo rqrd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1163	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	80 oct. P-line S,W,SW
* Luray Int, 16, KC-CG	1.9 ESE;RR N	727	26 L3	(Mo) Poles N,E,W.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct. N,NE blckd. P-line E, SE.
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	Obst sur fld.
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int, 7, KC-LS	1.8 S;hwy W	800	39 L3 S2	80 oct. Trees E,NE,W
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
McVille (Mechanicsville, Iowa)	3.2 WNW;RR S	850	30 S6	80 oct. Poles S,W
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	Rough
Melbourne (Iowa)	1,5 SW	1000	20 S1	80 oct. Poles N
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1(ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.; 100 oct for Army. Poles NW
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E,W,S.
→ MONTEZUMA H Fac.				DECOMMISSIONED
* Montezuma Int, 17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles N,SW,W.
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE/SW strip. Data unver.
Mt. Ayrport (Mt. Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80,91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S,SW
(P) Muscatine (Iowa)	6 SW;RR SE	548	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac (Int.) (Mo)	248(ST)(116.1)		BHTV	(4);116.1,122.1
* New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	22 S6	80 oct. Poles S
Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S6	80 oct. Trees S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range → (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans.)	201(142.74)		CN (GCA)	(3);142.74 (8-18)
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80,91 oct. P-line W,
Pekin (Ill)	4 S;RR E	505	29 S6	80,91 oct. P-lines SE,
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. S,SW,W,NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80,91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
NEW FACILITIES				
Excelsior Springs (Mo.)	1.6 W;hwy S	900	19 S2	80 oct. Bldg SSW
Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S
Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S
Myers-Hughs (Lucerne, Mo)	0.4 SE;RR W	905	20 S2	80 oct. S blkd. Rough
Montgomery (Kahoka, Mo)	0.4 ENE;RR S	700	19 S2	80 oct. N,S blkd.
Lincoln Fly. Svc. (Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80,91 oct. E blckd. P-line SE,S,SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	26 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118.7,122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint NG. Fld lgts prior req.
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld
→ St. David (Ill)	1.5 SW;RR N			ABANDONED.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis) (Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116.1,122.1
SCOTT Army Range (Belleville) (Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill.)	396 +		CA	(4)
(A) Scott (Belleville, Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct. IP-1.
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy NI	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	69',7.8	FMHW	(Cont.) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips.
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80,91 oct. E,SE blckd.
* Stuart Int, 8, OH-CG (Ia)	3.5 SE;rd E	1139	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW-		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa, Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N,W,NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S4	80 oct. P-lines sur fld.
Virden (Ill.)	1 WSW;RR E,S	640	25 S2	80 oct. P-line N,E,Soft.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80,90 oct Soft when wet. Poles N, W
Warrensburg (Mo)	7.3 SSW;hwy E	860	23 S6	80 oct. Use strips only. P-lines SW,NW.
Washington (Iowa)	1.5 SSE;RR NE	769	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM-	MM- •–•–• (2.6)	OM- – – (4.65)
					MMK-221	OMK-248 (11.0
LAMBERT	110.3		238°	IM-	MM- •–•–• (0.64	OM- – – 3.98)
					MMK 201	OMK-
MOLINE	110.3	335	131°	IM-	MM- •–•–• (0.71)	OM- – – (4.4)
					MMK-	OMK-
				IM-	MM-	OM-

NEW FACILITIES

Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blckd.
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E.
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N,S,NW.
Hall (Stratton, Nebr)	1 SE;RR, riv N	2850	27	Poles W, NW. Use strips.
Holdrege Mun. (new) (Neb)	2 ENE;RR, hwy S	2310	36 L1	Facs not installed but
Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet. Usable
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.
York (Nebr) Ia.)	1.8 N;hwy W	1662	30	Poles SW,NW. Use stps.
Adamson Arwys (Perry,	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N.
Wylies (Gorin, Mo.)	3 WNW;riv W	1640	14 S2	80 oct. Use strips only
Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W,
Depperman (Owensville,	0.7 NNW	900	28 S2	80 oct. Trees W,NW.
St. Clair (Mo.) Mo)	1.4 ENE	750	20 S2	80 oct. E,SSE,W blkd.
Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W.
Ace High (Galt, Mo.)	3 SW;hwy N	937	29 S6	80 oct. Poles SW,N.
Carrollton (Mo.)	4.0 W;hwy W	700	20 S2	80 oct. P-lines NNE
Eldon Model Arpk (Eldon,	0.9 NE;RR SE		23 S2	80,91 oct Trees SSW

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 29

STATUTE MILES

ST. LOUIS 41

USABLE WITH CAUTION

EXTREMELY HAZARDOUS (EXCEPT BY ATC REQUEST)

NON-COMPULSORY REPORTING POINT

COMPULSORY REPORTING POINT

CHICAGO 45 | LOUISVILLE 59

FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43

FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW; hwy N	1030	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW; hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hgts)	1.5 NW; hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE; poles E, W
Cedar Lake Fly. Svc (Cook, [Ind])	0.5 E; hwy W	751	28 S4	80,91 oct. P-line NE, SE; SW.
CHICAGO Range (Ill)	350 (CG) (116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7, 118.1)		AC (ILS)	(4); 126.18, 118 7, 118.1, 122.5 (GCA test basis)
(NG) [Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
Chicago-Hammond (Lansing, Ill)	1.5 S; RR N	660	37 L3 S6	73,80,91 oct Obsts sur fld.
(A) Chicago-Orchard (Ill)	16 NW; RR W	657	58h L5 S6	100 oct; JP-1 fuel avail.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
Conard (Ottawa, Kans)	3.8 NNE; RR S	946	24 S6	80 oct P-line N; hedge S
Elgin (Ill)	2.2 N; hwy W	770	24h S1	80,91 oct.
FAIRFAX Tower (Kans)	278 (126.18, 118.9)		AC	(4); 126 18, 122.5, 118.9
(A) Fairfax (Kans. City, Kans)	3 NE; RR E	746	65h L5 S4	81,100 oct. (A)
Fisher's (Edwardsv'l, Kans)	1 ESE; RR N	770	26 S6	80,91 oct. P-line N.
Gardner (Kans)	1.4 WSW	1070	39	
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140 58, 142 74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140 58; 3117 5 on req
(N) Glenview NAS (Ill) (N)	1.6 NW; RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE; rd W	791	26	Trees W, S, E
Hall's (Olathe, Kans)	2.6 SSE; RR W	1000	16 S2	73 oct. Cat'l on fld P-
Harlem (Oaklawn, Ill)	2.2 WNW; hwy W	619	26 S6	80 oct. P-line E line N.
HARVEY Range (Rubinkam)	385 (GH)	90°, 2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W; RR N, S	910	18 S1	73 oct. Use strips only.
Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N, SE.
Heart of America (Kans. City, Kans)	4 E; RR E	759	23 S6	80 oct. Poles, trees S Use strips only.
Hinsdale (Ill)	3 S; hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W; hwy E	600	26 S6	80, 91 oct. strips only.
Independence (Mo)	5.8 ESE; RR S	825	24 S6	80,91 oct. Poles S. Use
JOLIET Range (Ill)	257 (JO) (116.1)	126°, 3.7	SBRAZ-DTV	(4); 116 1
Joliet, 22, LS-CG (Ill)	5 W; riv W	580	30h L4 S4	80,91 oct Flood lgts prior req after 2400.
Kane Co. (Elgin, Ill)	7 WNW; hwy E	910	21 S4	80 oct. Trees E, SE, NW
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116 1, 122 1
KANSAS CITY Tower (Mo) [Kansas City] [Mo]	278 (126.18, 118.3)		AC (ILS)	(4); 126 18, 118 3, 122 5 No flood lgts.
	2.5 NW; riv W, S	744	52h L6 S6	80,91,100 oct. Poles E. Dike W. Flood lgts inop
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S; RR E	1072	55h L5 S6	80.91 oct. No flood lgts. P-line NE, SW.
Lawrence (Kans)	2.5 NNE; hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W, E, SE, NE.
Leavenworth Lecompton	3.6 WSW	1125	26 S1	80 oct. Trees N. P-line NE,
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct [(Kans) SW. Twr SE. Obsts sur fld
Mitchell (Lombard, Ill)	2.8 NNW	710	24	Data unver
Momence (Ill)	3.5 SW; riv N	645	23 S2	80 oct. Trees NW, N, NE
Morris (Ill)	4.5 N; hwy W	590	21 S2	73 oct. Poles N, NNE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
OLATHE Navy Range (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW; RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans) (N)	5 SE	1090	16h	INACT. 4 W of Stanley.
(N) Olathe OLF #4 (Kans) (N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans) (N)	16 SSW	940	23h	INACT. 4.3 W hill. of Hillsdale.
(N) Olathe OLF #9 (Kans) (N)	11 SE	1070	23h	INACT. 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE; hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Osawatomie, Kans)	3.8 N; pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int, 4, KC-MP (Mo)	1.5 NW; hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S; RR W	975	34 L S6	80 oct. Port rnwy lgts. Rnwy data unver
Pal-Waukee (Glenview, Ill)	5.5 WNW; RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo rprs. Rnwy data unver.
Prosperi (Tinley Park, Ill)	1.7 SSW; hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW; RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW; riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW; hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E; RR E, S	760	18h	P-line N. only
ST. JOSEPH Range (Rosecrans)	341 (ZJ) (vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3); 126.18 Closed 2000-0800
(A) Sherman (Ft. Leavenworth)	1 NNE; RR W	771	60 L5 S4	73,91,100 oct. (Kans) (A)
Sky Harbor (Northbrook, Ill)	1.6 NW; RR E	680	26 L S6	80,91 oct Flare pots P-line S
Sky Haven (Bensenville, Ill)	1.5 SE; RR W, N	650	23 S4	80,91 oct Use strips.
State Line Arpk (Stanley)	3.8 NE; hwy E	1000	22 S1	80 oct Obst sur fld. (Kans)
Stinson (La Grange, Ill)	2 SE; hwy SE	644	25 S6	80,91 oct. P-line S, W
(P) Washington Park (Homewood, Ill)	1.5 SE; hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S; RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; P-
York Township (Lombard, Ill)	2 SSW; hwy N	726	20 S6	80 oct Use line W strips. P-line N, E

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- (0.79)	OM- (5.8)
					MMK- 201	OMK- 219
KANSAS CITY	109.9	333.8	173°	IM-	MM- (2.6)	OM- (4.65)
					MMK-221	OMK-248 (11.0)

NEW FACILITIES

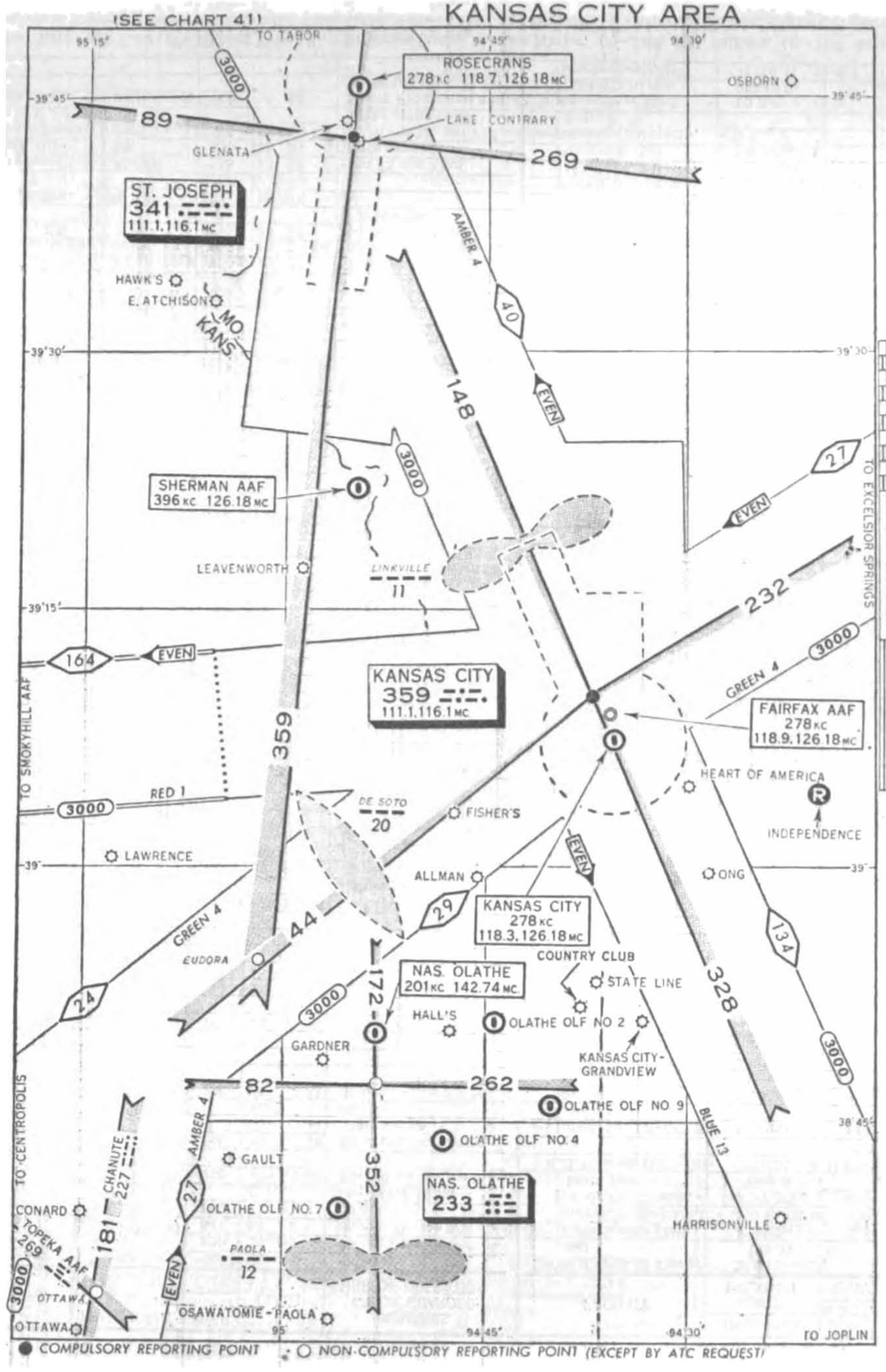
Triangle (Dyer, Ind.)	1.5 NE; RR E	630	33 S4	80,91 oct.
Lakeside (Gary, Ind.)	7.5 W		35 S4	73,80 oct. Data unver.
East Atchison (Rushville)	4.5 SW; riv W	790	24 S2	80 oct N, NNW blkd. Use strips only. (Mo)
Glenota (St. Joseph, Mo)	5 WSW; riv N	800	26 S2	80 oct. N, E, W blkd. Use strips only.
Lake Contrary (St. Joseph)	5 SW; riv 2 N	800	21 S6	80 oct. Use strips only.
Lake Village (Ind.)	1 NW; hwy S	650	22 S4	80 oct.
Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E. NE.
Stanley Co. Club (Kans)	2.5 NE; RR SE	1000	28 S1	80 oct. Poles SE, SW.
Skyway (Gary, Ind.)	4 WSW; RR W	630	19 S2	80 oct. Wires SE, SW, NW.
→ Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4496, 6210 kcs. (4) - 3105, 4496, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII). → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized.

KANSAS CITY AREA

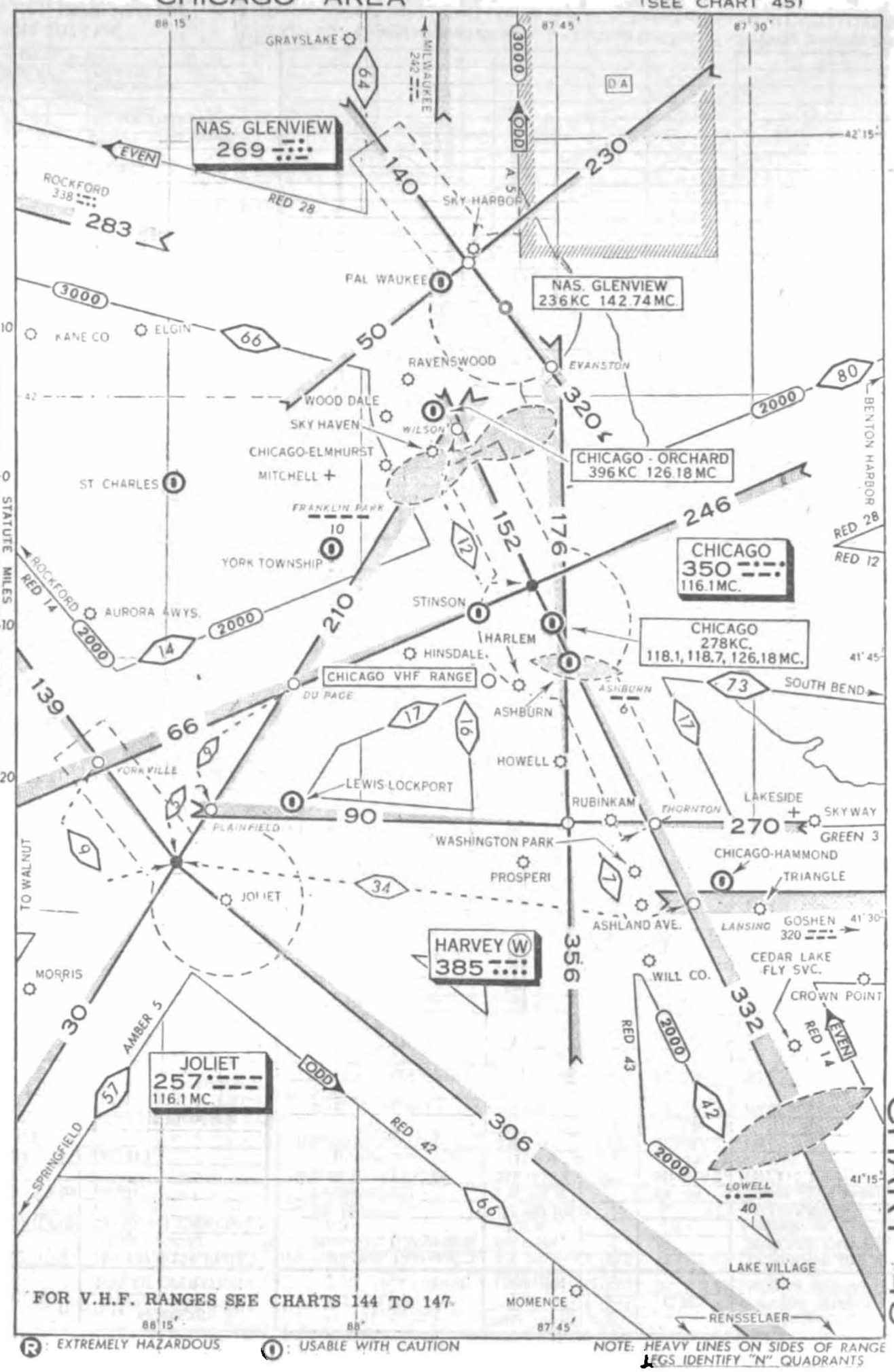
(SEE CHART 41)



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

CHICAGO AREA

(SEE CHART 45)



FOR V.H.F. RANGES SEE CHARTS 144 TO 147

Ⓡ : EXTREMELY HAZARDOUS Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 43

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertus (Freeport,Ill)	3.8 SE;RR S	740	26 S6	73,80 oct. RR W.
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct. P-line W.
Bellevue (Iowa)	3 N;RR W	652	1[illegible] S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1. Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
➔ City (So.Haven,Mich)	4 S;RR W	640	35 S2	80 oct. Trees sur fld.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts SE,SW,NW.
Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S6	73,80 oct.P-line N,NE,
Cork (West Lebanon, Ind)	4 W		24 S1	80 oct. Obsts NE. Data unver.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E, NE
Culver (Ind)	2 E;lake W	815	26	
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct.Appchs blkd except E, NW
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. req. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Fiatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Illini (Urbana, Ill)	2 NNE;hwy E	740	25 S6	80 oct.Floares on req. E,SE blkd.P-line SW.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h(L6) S6	73-100 oct.Exper lgtg
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct.Flood lgts prior req after 2400.
Kankakee (Ill) Ind.)	3.2 WSW; hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
➔ Kentland (Goodland,	4 WNW.	650	25 S4	80 oct.P-line NE.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
➔ Kishwaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	19 S6	80 oct.P-lines N, NW.
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd.
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Machesnev.7.CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	735	29 L3 S6	73,80 oct.E,S blkd.P-line SE.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blkd. P-line E,SE.
Matanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142° 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct.for Army. Poles NW.
Monticello (Chalmers. Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Morton (Groveland)	0.5 NNE;hwy N	792	24 S2	80 oct.P-line N,W.(Ill)
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
Ockley (Ind)	1 W		23	Pwr lines N,W. SW Trees E.Data unver.
Ottawa (Ill)	Adj NW		22 S2	80,91 oct.Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
Pecatonica (Ill)	1 N;hwy E	750	24 S6	73 oct. P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178°, 2.3	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	747	23 S6	80 oct. Data unver.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette, Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1

FACILITY	FREQ., IDENT ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS. FREQS. GUARDED. HRS. OF OPERATION
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part. unver.
➔ St. David (Ill)	1.5 SW;RR N			ABANDONED.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75° 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113° 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80,91 oct.Use strips.
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S. Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines sur fld No sto.
Sterling (Ill)	1.4 NW; hwy E	645	25 S6	80,91 oct.E,SE blkd.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct.P-line S,SE. Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	766	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80,90 oct.Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

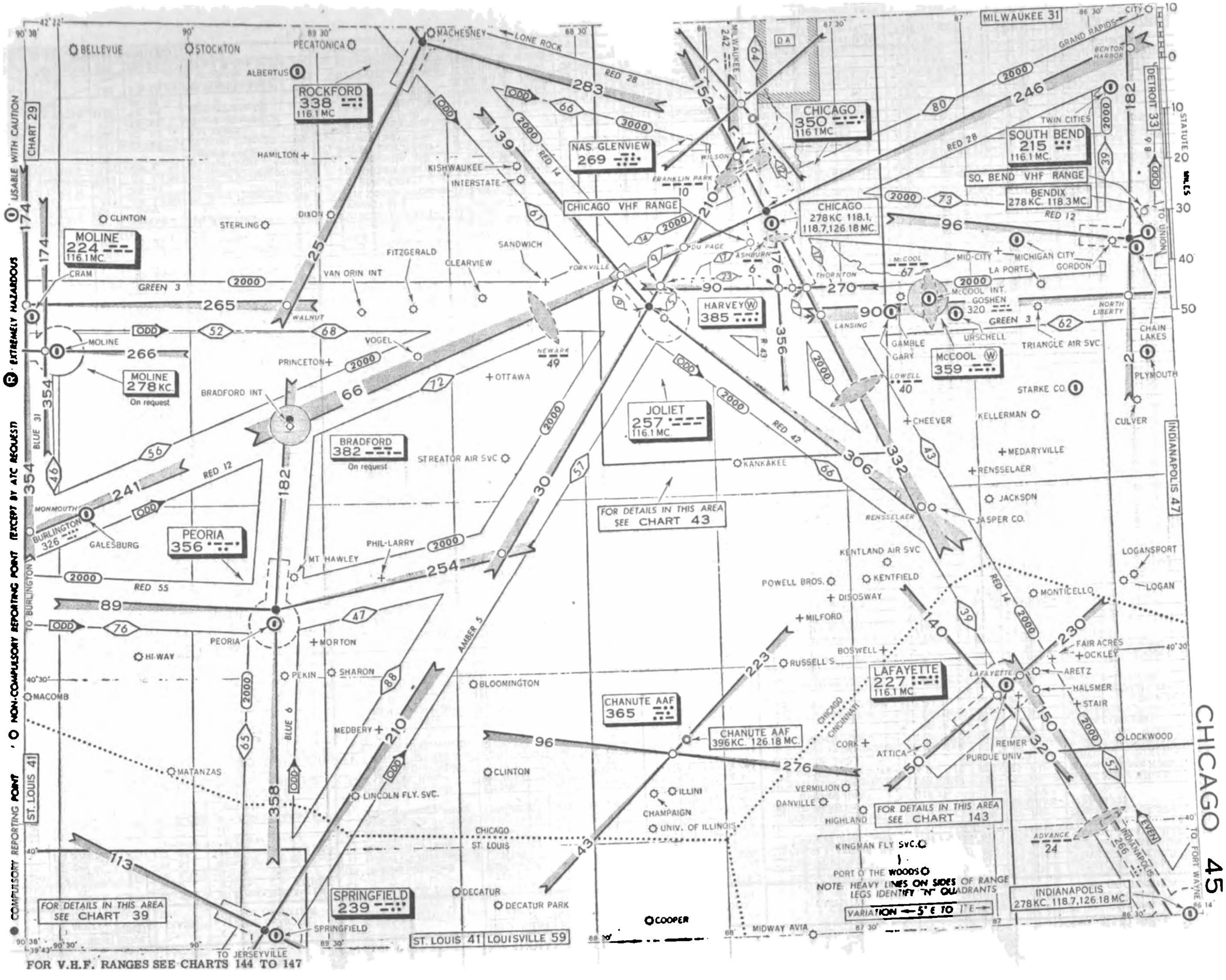
LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CHICAGO	109.9	333.8	132°	MM- •—•— (0.79)	OM- ——(5.8)
				MMK- 201 ••••	OMK-219 •—••
MOLINE	110.3	335	131°	MM- •—•— (0.71)	OM- ——(4.4)
				MMK-	OMK
				MM-	OM-
				MMK-	OMK
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct. Tank ESE.
Kentfield (Kentland,Ind)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W
Starke Co. (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW
Mid-City(Mich.City,Ind)	3 S	650	26 S4	80 oct.Wires N,S Data unver
Stewart Fld.(Danville,Ind)	1.5 E	750	25 S1	80 oct.Wires N,S Data unver
Elnora (Ind.)	.25 SE		18 S1	80 oct.P-lines N Data unver
Boswell (Ind.)	1 N		15 S4	80 oct Data unver
Fair Acres(Buck Creek,Ind)	0.5 E	595	26 S2	80 oct.Trees N Data unver
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct.Trees NE Wires SE,NW
Kellerman Fld(N.Judson,Ind)	1.5 S;hwy E	650	17 S1	80 oct.Wires SE Trees N
Sharon(Treemont, Ill)	1 SE;RR,hwy N	631	21 S6	80 oct.P-line NE
Lincoln Fly Svc.(Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N.
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
➔ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHICAGO 45
MACHESNEY
LONE ROCK
BELLEVUE
STOCKTON
PECATONICA
ALBERTUS
ROCKFORD 338 116.1 MC
CHART 29
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
HAMILTON
KISHWAUKEE
INTERSTATE
DIXON
STERLING
CLINTON
MOLINE 224 116.1 MC.
CRAM
FITZGERALD
CLEARVIEW
SANDWICH
YORKVILLE
VAN ORIN INT
WALNUT
GREEN 3
MOLINE
MOLINE 278 KC. On request
PRINCETON
VOGEL
NEWARK
OTTAWA
BRADFORD INT
BRADFORD 382 On request
STREATOR AIR SVC
MONMOUTH
BURLINGTON 326
GALESBURG
PEORIA 356
MT HAWLEY
PHIL-LARRY
RED 55
TO BURLINGTON
HI-WAY
PEORIA
MORTON
PEKIN
SHARON
MACOMB
MATANZAS
BLUE 6
MEDBERY
BLOOMINGTON
CLINTON
LINCOLN FLY. SVC.
AMBER 5
ST. LOUIS 41
SPRINGFIELD 239
DECATUR
DECATUR PARK
TO JERSEYVILLE
FOR DETAILS IN THIS AREA SEE CHART 39
FOR V.H.F. RANGES SEE CHARTS 144 TO 147
ST. LOUIS 41 LOUISVILLE 59
COOPER
MILWAUKEE 242
NAS. GLENVIEW 269
WILSON
FRANKLIN PARK
CHICAGO VHF RANGE
DU PAGE
ASHBURN
CHICAGO 350 116.1 MC
CHICAGO 278 KC 118.1, 118.7, 126.18 MC.
HARVEY (W) 385
JOLIET 257 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 43
KANKAKEE
CHANUTE AAF 365
CHANUTE AAF 396 KC. 126.18 MC.
ILLINI
CHAMPAIGN
UNIV. OF ILLINOIS
CHICAGO ST. LOUIS
MILWAUKEE 31
GRAND RAPIDS
BENTON HARBOR
DETROIT 33
TWIN CITIES
SOUTH BEND 215 116.1 MC.
SO. BEND VHF RANGE
BENDIX 278 KC. 118.3 MC.
TO UNION
MID-CITY
MICHIGAN CITY
GORDON
LA PORTE
McCOOL
McCOOL INT.
GOSHEN 320
NORTH LIBERTY
CHAIN LAKES
PLYMOUTH
CULVER
STARKE CO.
GAMBLE
GARY
LOWELL
URSCHELL
TRIANGLE AIR SVC.
McCOOL (W) 359
LANSING
THORNTON
CHEEVER
KELLERMAN
MEDARYVILLE
RENSSELAER
JACKSON
JASPER CO.
KENTLAND AIR SVC
KENTFIELD
POWELL BROS.
DISOSWAY
MILFORD
BOSWELL
RUSSELL'S
MONTICELLO
LOGANSPORT
LOGAN
LAFAYETTE 227 116.1 MC
LAFAYETTE
FAIR ACRES
OCKLEY
ARETZ
HALSMER
STAIR
LOCKWOOD
REIMER
PURDUE UNIV
ATTICA
CORK
VERMILION
DANVILLE
HIGHLAND
FOR DETAILS IN THIS AREA SEE CHART 143
KINGMAN FLY SVC.
PORT O' THE WOODS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 5° E TO 1° E
INDIANAPOLIS 278 KC. 118.7, 126.18 MC
ADVANCE 24
INDIANAPOLIS 266
TO FORT WAYNE
MIDWAY AVIA
CHICAGO CINCINNATI
INDIANAPOLIS 47
STATUTE MILES
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

INDIANAPOLIS

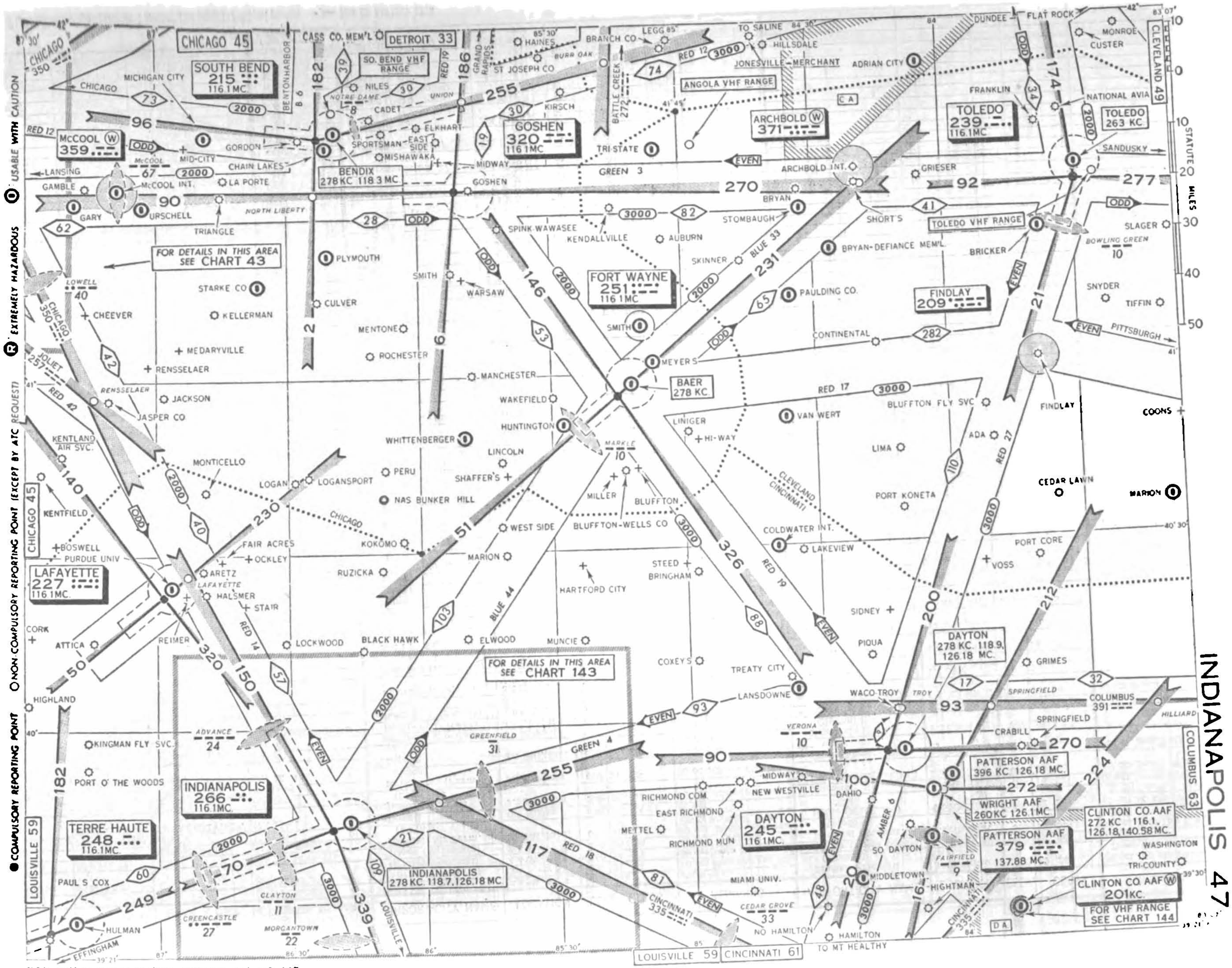
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)		MHW	(Cont.) (Mich)
* Archbold Int,18,CG-LG	3.5 NNW;RR N	716	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W. Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	799	63h L5 S4	91 oct.100 oct.Army Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct. (Ind)
Bluffton-Wells Co.	2.8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line
Bricker (Bowling Green)	1 NE,RR W	675	30 S4	80 oct. (Ohio) NE,ESE.
Bringham(Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW,riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE. (Ind)
Cadet (So.Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct.SE,E,SW,S blkd.
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E.NE. S blocked.
Cedar Lawn (Kenton)	2.3 S;RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain Lakes (So.Bend)	5.2 W;hwy N,S	765	22 S3	80 oct. (Ind.)
Cheever(Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MHW	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O) (Wilmington, Ohio)	272 (126.18, 140.58,116.1)		CA(ILS-W) (GCA)	(3);126.18,137.7,116.1 Tr.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington, Ohio) (A)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1. Rnwy lgts 1 hr's notice
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork(W.Lebanon,Ind)	4 W		24 S1	80 oct.Obsts NE.Data
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line unver. S,SW Stacks NW.
Crabill (Spri ngfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-lines S.
Culver (Ind)	2 E;lk W	815	26	
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90°, 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS-W)	(4):122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	73,81,91,100 oct.
→ Dr.Haines (Three Rivers, Mich)	See Haines under "New Facilities" - name changed.			Poles N (Ind)
E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 L S6	80 oct.Flares on req.
Elkhart (Ind)	2.7 NNW	752	30 S6	80 oct.N,NE,SE,NW blkd.
Elwood (Ind)	2 S;hwy NW	850	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (JF)		BMHT	(4) (cont)
→ Findlay (Ohio)	1.5 SSW	800	27 L4 S4	80 oct. Obst sur fld.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51°, 3.5	BMRLZ-DTV	(4);116.1,122.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld.RR S
Gamble (Hobart,Ind)	1.8 NNW; hwy S	650	25 S6	80,91 oct.P-line NE,E
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE: RR N	730	13 S1	Fuel avail. SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90°, 2.7	SBRAZ-DTV	(4);116.1,122.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. Riv S.
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on req.P-line SW. req.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
Hi-Way(Decatur,Ind.)	1.5 SW		25 S1	
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
→ INDIANAPOLIS Range(Ind)	266 (ID) (116.1)	75°,3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W		25 S4	80 oct.No sto.P-line SW.
→ Kentland(Goodland,Ind.)	4 WNW	650	25 S4	80 oct,P-line NE. S.
Kingman Fly.Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,E.
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S,E.Use strips only.
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMRL-DTV	(4); 116.1 prior req.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct.S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. NE.
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Appchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E		24 S6	80,91 oct.Pwrline NE.
(P) Miami Univ.(Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Mid City(Mich.City,Ind)	3S	650	26 S4	80 oct Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE; RR E	595	38 S6	91 oct.P-line S,W,NNE.
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. blkd
Ockley (Ind)	1 W		23	P-lines N,W.Trees E.
PATTERSON Armv Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32°, 2.96	SBMRAZ-DTV	(4);137.88 Data unver
PATTERSON Tower	396 (126.18)+		CA(ILS-W) ◆:53,13	(4); 126.18
(A) Patterson (Fairfield) (A)	1.6 WSW	819	78h L6 S4	73,100 oct.JP-1.(Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW
→ Paulding (Ohio)	1.8 NE;RR 2 W	720	25 S4	80 oct.S blkd.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct.N,SE appch
Port Core (Rushsylvania, Ohio)	1.6 SSW; RR NW	1275	14	Poles NNE clear.
Port Koneta (Wapakoneta, Ohio)	2,1 NNE;RR E		24 S6	80 oct.SW,W,NW blkd.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct.No sto.P-line N, stack NE.
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct.P-line N,E.
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka(Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80 oct. Pole E. NE blkd.
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd.(Mich)
Shaffer's (La Fontaine)	5 NE;hwy S N,W		19 S4	80 oct.Data unver.(Ind)
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld.RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	19 S6	73,80 oct.No sto.P-line
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct.Lgts N,E,SE. prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW.
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3);116.1,122.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto Hills S.
Spink-Wawasee (Svracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S, SW.
Sportsman (Mishawaka)	3.7 NE;riv S	760	26 S6	80 oct.Appchs blkd exc. N,NW.
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct.No sto. (Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P- lines sur fld.No sto. Data unv.
Steed (Portland,Ind)	1.5 NW;hwy E	1000	24 S4	80 oct.P-line N,NE.
Stoinbaugh(Bryan,Ohio)	0.5 S		24 S4	80 oct.No sto.Fence E. wire W.Data unver.
TERRE HAUTE Range (Hulman)(Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE	623	42h L5 S4	80,91,100 oct. RR W.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct.P-line N.(Ind)
Waco-Troy(Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct.Poles blkd. N,S,NW,NE.
Voss(Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S Data unv.
Wakefield(Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington(Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2.5 NW;hwy S	835	26 S6	80, 91 oct.
Whittenberger(Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mes, Compass Locator in ks)

LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
DAYTON	110.3	335	55°	IM-	MM-	OM- (4.4)
					MMK-	OMK
INDIANAPOLIS(L6)	109.9	333.8	44°	IM-	MM- (0.89)	OM- (4.3)
					MMK- 201	OMK- 219
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- (1.12)	OM- (4.5)
					MMK-	OMK

NEW FACILITIES

Mishawaka (Ind)	2 SE	700	35 S4	80,91 oct.NNE/SSW.
East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct. NNW/SSE blkd.
Kentfield (Ind)	2.4 SSE;RR W	805	22 S4	80 oct.Poles N,NE,SW,W.
Starke Co.(Knox,Ind)	0.9 S;hwy E	714	29 S6	80 oct.P-lines SW,NW,NE,
Custer(Monroe,Ind)	2.5 WNW	612	40 L1 S2	80 oct.Trees N,W,S, SE.
Branch Co.(Coldwater,Mich)	2.7 WSW;RR S	990	31 S4	80oct.Hi-lines sur fld. Data unver
Miller(Liberty Cir,Ind)	1 NE	800		
Warsaw (Ind)	3 NNE		30 S1	80oct.Wires S,N,NE.
Stewart(Danville,Ind)	1.5 E	750		80oct.Wires N,S Data unv.
Skyway(Tolleston,Ind)	4.5 N Griffith	630	18 S1	80oct.Trees NE;wires SE,
Boswell (Ind)	1 N		15 S4	80oct Data unv. NW Data unv.
Fair Acres(Buck Crk,Ind)	0.5 E	595	26 S2	80oct.Trees N Data unver.
Elnora (Ind)	0.4 SE		18 S1	80oct.P-lines N Data unver.
Ada (Ohio)	1.5 NNW;hwy E	945	22 S4	80 oct.
Bluffton Fly.Svc. (Ohio)	1.3 ESE;hwy N	845	20 S4	80 oct. W blkd.
Liniger(Preble,Ind)	0.8 ESE;hwy N	750	24 S3	80 oct.P-line NE,SW,W.
Hartford City (Ind)	1.5 W	910	18 S1	Wires N Data unver.
Kellerman (N. Judson,Ind)	1.5 S;hwy E	650	17 S2	80 oct.Wires SE.
Snyder (Fostoria,Ohio)	1.5 NW;RR S	762	26 S4	80,91 oct.W blkd.
Mentone (Ind.)	2 SW	800	22 S4	80 oct,P-line S.
Lincoln Fld. (Dora, Inc.)	5 SSW;hwy S	830	21 S1	80 oct,P-line E.
Short's (Archbold,Ohio)	3.4 NW;RR SE	780	20 S2	80 oct,S blkd.
Bryan (Ohio)	2.8 N;RR S	850	38 S1	80 oct,S,SW blkd,P-line W.
Continental (Ohio)	5 S;RR N	766	21 S1	80 oct,N,E,W blkd.
Jackson (Francesville,Inc.)	4.8 W SW	675	16 S4	80 oct.
→ Haines (Three Rivers,	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd.(Mich)
→ Jonesville-Merchant (Jonesville,Mich)	2.5 WSW; lakes S	1070	22 S2	80 oct.Trees SE,P-line NE



FOR VHF RANGES SEE CHARTS 144 TO 147

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS GUARDED, HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278(118.5)	C	(4);122.5
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	338 (D)	MHW;329°,2.2	(Cont.) Detroit
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18) +	CA(ILS-W)	(3) only.
WIXOM FM	(- - - -)	FM, 344°, 20	Romulus
→ YPSILANTI (Willow Run)			DECOMMISSIONED
Willow Run Arpt.	332 (118.7)	C(ILS-W)	(4); 118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM; 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
→ CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(4);116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ····· (0.83)	OM- -- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK 341 - (0.65)	OMK 359 - - (5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice, W-Without Voice, Z VHF Range Station Location Marker. (C)-3105, 4495, 6210 kcs. (C)-3105, 4495 6210, 31117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd
Ann Arbor	4 S	835	28 L3 S6	80 oct. NE blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80,91 oct N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	19 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2,3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
→ Dalton (Flushing)	2.2 E;riv SW	735	26 S4	80 oct N,S, blkd
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Fee, com acft ARPT OF ENTRY.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley (Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N.W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE; lk SE	590	29 S4	80 oct. Trees NE,SE, SW.
Nan-Bar (Flat Rock)	0.7 ENE;RR N	590	28 S6	80 oct. Smudge pots prior req. Data unver.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (N)	3 W, hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct. SE, SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW,NW; Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEARANCE STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	664	25h	P-line NNE. PRIV.
Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-line S. Wblkd
Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed.			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct. 30' poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N,NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80, 91 oct. Poleline W
(P) Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE;bay N	600	15	W blkd, trees S. Rough
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
→ Gage (Mansfield)	4.5 W;RR S	1360	13 S6	80 oct. Trees E.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy E	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE,S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct. Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct. No sto. Poles SSW. Const. E/W rnwy
Norwalk	0.8 NE;RR W	700	18 S2	80 oct. Poles W,SW.
→ Norwalk Airpark (NC)	2 NNE;RR W	690	29 S6	80 oct. Poles W,SW
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	28 S2	80 oct. House NE,E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int, 4B, CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus (Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW PRIV ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct No sto Pole line N,E,SE.
Snyder (Fostoria)	1.5 ENE;RR S	762	26 S4	80,91 oct. W blkd.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct No sto Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct
Wellington	Adj NW;RR W	850	20 S2	80 oct Stacks NE Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
→ Willard	1.6 SSW;RR NE	960	29 S6	80 oct Poles S,W
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	See Akron-Canton Arpt-Co. Fld under "New Arpts"			
(NG) Wayne Co. (Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct. Tech maint NG ARPT OF ENTRY
Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct. Poles W, bldg NE
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW
Akron-Canton Arpt-County Fld (Canton,	8.5 NNW;RR 1W	1227	56h L6 S1	80,91 oct.
Newton Falls (Ohio)	2 SW;RR E	950	22 S1	
Tuttle Fld (North Madison, Ohio)	2.2 NW;lk N	625	16	80 oct, N blkd, P-line S.
Whiteley (Alliance, Ohio)	2 ESE;RR W	1065	16 S1	80 oct, N,S blkd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (See page XIII) NC-(not charted) → NEW OR REVISED DATA

CLEVELAND 49

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION

DETROIT AREA

DETROIT 33
JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
SAGINAW 212
FLINT 335 (116.1) On request
FORREST
DALTON'S
WEST'S
BISHOP 278 (118.3)
LAPEER
SEELY'S
CROSWELL CITY
MICH. 3 D.A.
MICH. CAN.
BAKER'S
ST CLAIR CO MUN.
ALLEN'S
CENTER
OXFORD
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18)
PONTIAC
HIGHLAND
HOWELL
WIXOM 20
ROMULUS 230 (116.1)
MITCHELL BAY
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
ECORSE
FLAT ROCK
WILLOW RUN 332 (118.7)
NAN-BAR
GROSSE ILE NAS 269 (142.74)
MILAN
DUNDEE
TECUMSEH
CUSTER
MONROE
NEWPORT OLF
NATIONAL AVIATION
MICH
OHIO
FRANKLIN
TOLEDO 263
DETROIT CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
CLEVELAND V H F RANGE
VERMILION
ELYRIA
SANDUSKY
AVON LAKE
BRECKSVILLE
BOWLING GREEN
BRICKER
SLAGER
HINDE
NORTH ROYALTON
PARKMAN
TOLEDO 239 (116.1)
NORWALK
PARKS
TOLEDO V H F RANGE
SNYDER
TIFFIN
FINDLAY
WELLINGTON V H F RANGE
WILLARD
MANSFIELD
MEDINA
PRICHARD
LODI
LING
WESTFIELD
AKRON 272 (118.9)
ASHLAND
WOOSTER
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
FINDLAY 209
ADA
BLUFFTON FLY SVC.
PORT BUCYRUS
GAGE
GALION
HAYESVILLE
HAYESVILLE 329
AKRON 362 (116.1)
KENT STATE
AKRON
NEWTON FALLS
MILLER
TAYLORCRAFT
WHITELEY
TUTTLE
PERRY 332 (116.1) On request
PERRY
CLEVELAND 344 (116.1)
FOR DETAILS IN CLEVELAND AREA SEE CHART 141
WINDSOR 353
CLEAR CREEK 248
ERIE 371
BUFFALO 51
DAYTON 245
COLUMBUS 63
COLUMBUS 391
TO LANSING
TO BURR OAK
TO ARCHBOLD
TO FORT WAYNE
TO TROY
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
TO YOUNGSTOWN
TO ERIE

BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
DETROIT CITY 278
DETROIT (W) 338
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC.
HARTSELL AIR TERM.
FORD
STINSON
HANCE
WAYNE CO
ROMULUS 230 (116.1)
SCALE OF MILES

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albert (Wallaceton, Pa)	3 ENE;rd N	1750	30 S6	80,91 oct.P-lines sur fld.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Ashtabula (Ohio)	3.1 W;lake N	621	17 S2	80 oct.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct.P-line W Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct.P-line N,S,W.
Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	23 S4	80,91 oct. P-line W, N.E.
Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE
Brockway (Pa)	1.3 NE	1700	18 S2	80 oct.Trees SE,NW
Brokenstraw (Youngsville,Pa)	2.6 W;RR S	1230	19 S6	80 oct.P-line NE,SW,WSW
BROOKVILLE H Fac. (Pa)	391 (BR)		MHW	
★ Brookville Int,45A,CG-LG (Pa)	2 WSW;RR E	1416	30 L3	Trees E,W,SW.
Buffalo Arpk (Gardenville,N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC (ILS)	(4); 126.18,122.5,118.5
(A) [Buffalo] (N.Y.)	6.1 ENE;RR NE	711	56h L6 S6	80-100 oct;100 oct.Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario,Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Conneaut (Ohio)	See Lakeville			
Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	19 S3	80,91 oct.P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct.Hill N Rnwy data
Country Club (Clarence,N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW unver. Port lgts on req.
County (No.Tonawanda,N.Y.)	3.4 E;RR SW	577	21 S4	80 oct.
→ DUNKIRK H Fac. (N.Y.)	239(DK)(116.1)		MHTV	(4);116.1
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct.
Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct P-line W.
ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1
Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80,91 oct.Port rnwy lgts. P-line SE.
Erie County (Erie, Pa)	11.6 SW;hwy N	805	24 S6	80 oct.P-line SSE,NW.
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct Obsts sur fld.
Fredonia (N.Y.)	3.5 W;RR SE	620	26 S2	80 oct.P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville (Pa)	3 W; RR E	1180	17 S2	80 oct. P-line S,SW.
Grove City (Pa)	2.1 SSE;RR E	1275	19 S4	80 oct.
Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S2	73,80 oct.Poles E.
→ Hamburg Arpk(N.Y.)	2 NNW;RR,hwy W	722	23h S4	80 oct. P-line NE.
Harri-Emery (Bradford,Pa)	2.3 WSW;hwy N	1490	20 S4	80 oct.
→ Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W			ABANDONED.
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium,Pa)	0.5 SW	1210	15	P-line SW,NE.
Kylertown (Pa)	1 WNW	1660	40 S6	80 oct. Trees N,WNW.
Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
Lakeville (Conneaut, Ohio)	2 ESE;RR N	670	18 S4	80 oct.P-line N,NE,NW.
Lee (Lockport, N. Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S1	80 oct
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
Mercer (Pa)	4.8 NNE;RR W	1300	20 L1 S6	80 oct.
Merry's Pymatuning(Linesv'l,Pa)	1.5 NW;RR E	1200	21 S2	80 oct.P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct.Trees NE,W.
→ NIAGARA FALLS Tower (N.Y.)	272 (126.18)		CI	(4); 126.18,122.5(7-21)
(P) [Niagara Falls] (N.Y.)	4 E;hwy S	587	55h L5 S2	80-100 oct
New Castle (Pa)	4 WNW;hwy SE	1080	29h S5	80 oct.
Olean (N.Y.)	1.8 SE;RR N	1440	22 S6	80 oct.Trees W,N;hill S
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S6	80,91 oct. Trees N,E,S.
Patterson (Beaver Falls,Pa)	1.5 S;RR,riv E	1020	26 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
Pembroke Arpk(E.Pembroke,N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
Penn-Mead (Meadvi lle, Pa)	4 SW;hwy E	1365	20 S3	80 oct. Trees N,E,S,W.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line,trees N,E.
→ Perry (Mars, Pa)	5 E;hwy E	1060	25 S6	80 oct. N blocked.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°,5.0	SBRAZ-DTV	(4); 116.1(Black Moshannon)
PHILIPSBURG Range (Pa)	108.7 (MJ)		VARW	
Philipsburg,51A,CG-LG (Pa)	See Black Moshannon,51A,CG-LG under "New Facilities" -name changed			
Pittsburgh-Butler (Butler, Pa)	6.2 SSW;hwy E	1235	49 L1 S6	80 oct. Flood lgts on req.
[Port Erie] (Erie, Pa)	6 WSW;RR SE	735	45h L6 S6	80,91 oct P-line E,S
Port Lawrence (Corry, Pa)	1.2 S;RR N	1745	23 S2	80 oct.Trees SE,W,NW.
Port Meadville (Meadville,Pa)	3.4 W;hwy S	1400	32h L4 S6	80,91 oct.Flood lgts on req.
Port Warren (Warren, Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver. Trees NE
Punxsutawney (Pa)	3 NE;hwy S	1470	22 S2	Ltd 80 oct.P-line ESE,S
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct.P-line SW.Rnwy data
Shawnee (North Tonawanda,N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct.P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
→ Sky Harbor (Williamsfield,Ohio)	1 S;hwy E			ABANDONED.
Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h S6	80,91 oct. Trees N,E,S
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct.P-line N,E.Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E.Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct.Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct.Rough.Obsts sur fld.
TORONTO Range (Ontario,Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Tyndall (Warren, Ohio)	6 NNW;RR E	940	28 L1 S4	80 oct. N,S,W blkd.
Utahville (Pa)	1 N;RR S	1800	22 S6	80 oct. Ltd 91 oct.
Warren (Pa)	2 WSW;RR N	1100	23h S6	80 oct. P-line WNW.
Warren Airways (Ohio)	2.3 WNW;hwy N	900	25 S4	80 oct.Trees S,WNW.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct.Poles,trees sur fld.
Westfield (N.Y.)(NC)	1.5 WSW;hwy N	758	18	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°,3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio) [Youngstown] (Ohio)	278 / 11 N;hwy E	1178	C / 39h L5 S6	(4) / 80,91 oct.100 oct.on req.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BUFFALO	109.9	333.8	232°	IM-	MM- · — · —(0.66)	OM- — — (4.20)
					MMK-	OMK- 201 — · · —
				IM-	MM-	OM-
					MMK-	OMK-

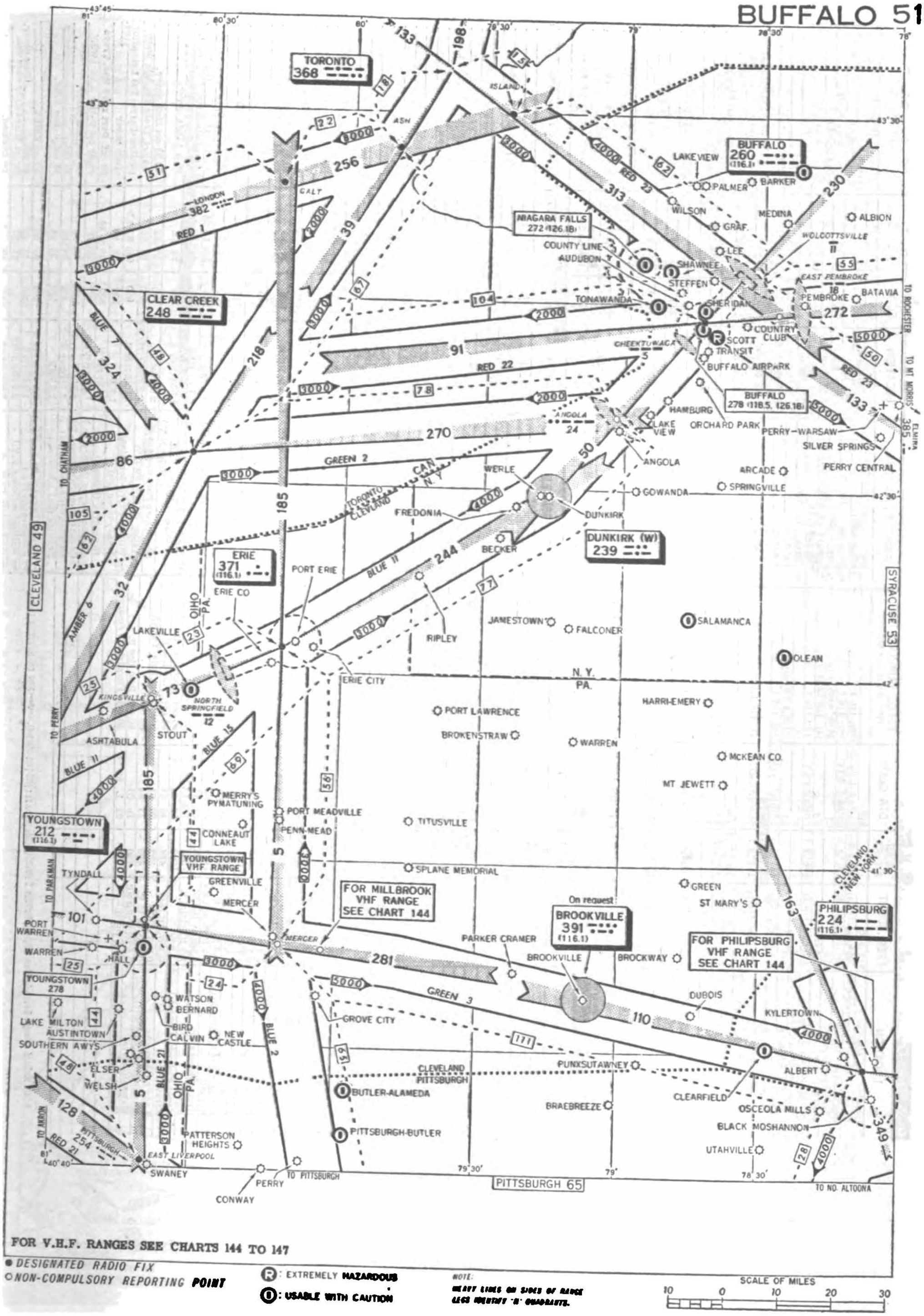
NEW FACILITIES

Lake Milton (Ohio)	0.4 W;lake E	950	17	Rough.P-line NE,E.
Southern Airways(Woodsworth)	2.5 NNW;hwy N	1040	27 S4	80 oct.E blkd. (Ohio)
Welsh Fly.Svc.(No.Lima,Ohio)	2.4 S;hwy,lk E	1155	18 S1	80 oct. E blkd.
Elser (No. Lima, Ohio)	1.2 NW;hwy E,S	1060	18 S1	80 oct. Trees E,W.
Calvin (No. Lima, Ohio)	2.8 WNW	1165	23 S1	80 oct N,NNW,SSE blkd.
→ Austintown (Ohio)	0.8 SSE;hwy N	1160	31 S4	80 oct. E,W blkd.
→ Perry Fly.Svc. (N.Y.)(NC)	3.3 W;RR 3 W	1640	21	P-line NNE Reported ABAND.
Perry-Warsaw (Perry, N.Y)	3 WNW;hwy N		15 S2	80 oct.
→ Brookfield (Ohio)	0.8 W;RR W			ABANDONED
Black Moshannon,51A,CG-LG	7 E;hwy N	1940	30h L3	(Philipsburg, Pa)
Stout(No.Kingsville, Ohio)	1 E;RR N,S	710	30 S2	80 oct.N blkd.

RADIO: S - Simul.-Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

BUFFALO 51



FOR V.H.F. RANGES SEE CHARTS 144 TO 147

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "A" QUADRANTS.

SCALE OF MILES
10 0 10 20 30

RADIO

NEW YORK

LOCATION	FREQ., IDENT	BEAR & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1

PENNSYLVANIA

ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	192°,2.7	SBMRAZ-DTV	(4);116,1.122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1

NEW RADIO FACILITIES

WATERTOWN(N.Y)	109.1(WB)		VARW	
ALLENTOWN Range (Pa)|	109.1(XA)	178°,5.7	VARW	

S-Signal Range and Voice. W-Without Voice Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 31175 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice +—Army ACS transmits on and guards 116.1 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct. blkd.
Martins Creek (Belvidere)	3 SSW;riv SE	340	26 S6	80,91 oct. P-line N,ENE,SE

NEW YORK

Angelica	1.5 WSW;RR N		18 S1	80 oct. Data unver
Auburn	3.7 NNW;lake E	525	24 S4	80 oct Poles,trees sur fld
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct.Hill 0 6 E Data unver.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	29 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, NW
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct. Hi-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airmark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct No sto.Lgts prior req.
Fulton Airpark	0 5 W;riv E	360	20 S6	80 oct Brush WNW Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW unver.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W.	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W. CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
→ Moravia Air Haven	1 NW; RR E			ABANDONED.
Narrowsburg	0.6 NNE,RR E	700	18 S4	80 oct. Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
→ Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct
Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct.Hi-line S.No Sto.When wet
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct Pole lines W,NW,SE Ctn
(N) ROCHESTER	3.7SW;riv S	549	44h R2 L5 S6	80,91 oct.ARPT OF ENTRY NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1
Rushville	2.5 NNE	1120	20 S1	Data unver.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct Rdo rec rqrd
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
→ Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80,91 oct.Twr W,hill N,trees E.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct Wooded ridge E.
(P) Watertown	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY

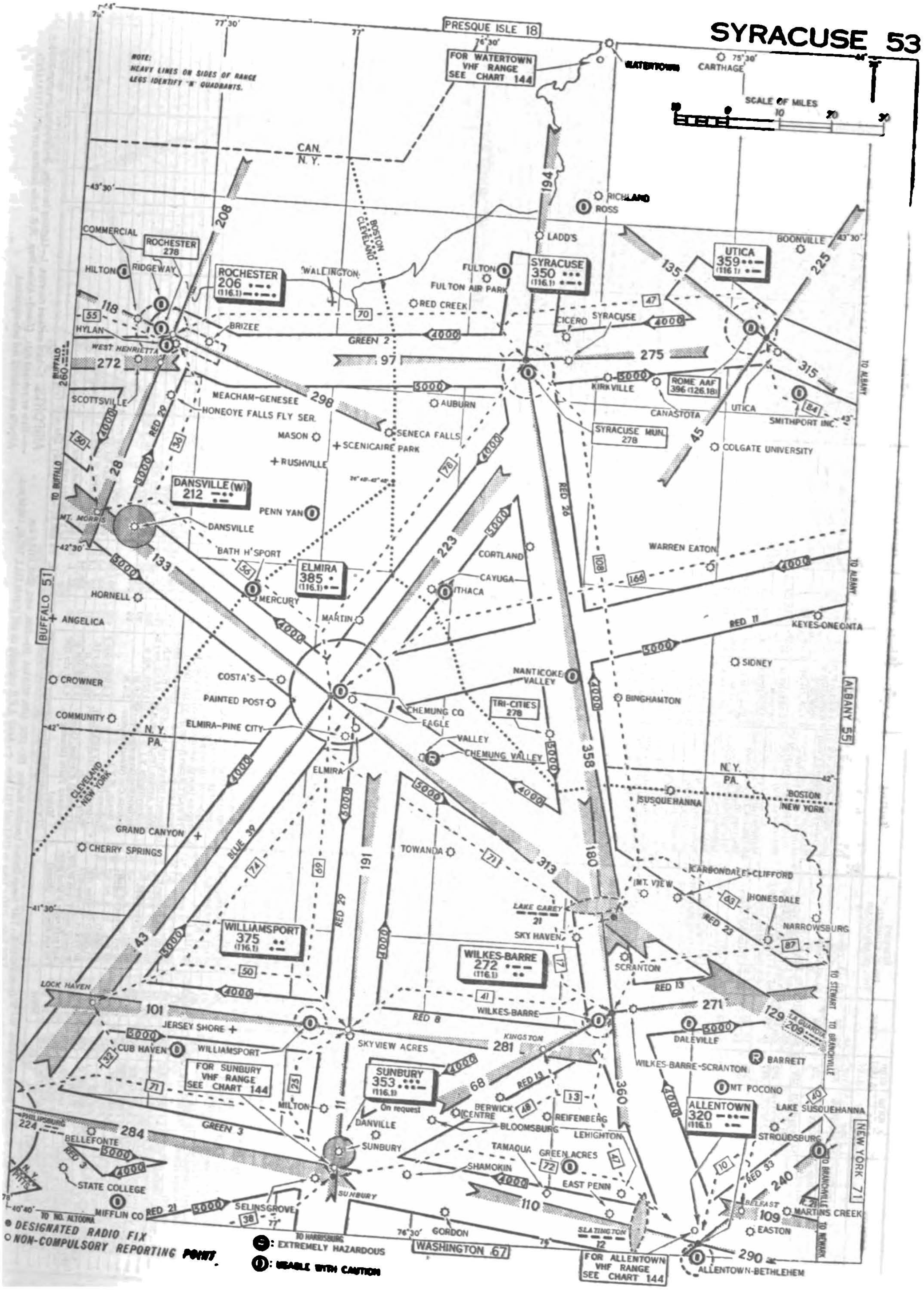
PENNSYLVANIA

→ ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	392	40h R1 L5 S6	80,91 oct Trees E,W.
→ Barrett (Canadensis)	1.8 N	1450	18	
Bellefonte	4.3 ESE,hwy N	1045	21 L3 S6	80, 91 oct.
Bloomsburg	0.8 ESE,riv S	478	32 L5 S6	80,91 oct.Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	25 S6	80 oct.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S6	80 oct. Pwr line E
→ Daleville	0.6 N;hwy W	1775	17 S4	80 oct. Hill S. Stack SW.
Danville	2.2 SW;RR N	480	22 S3	80 oct Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	880	18 S6	73 oct
→ East Scranton (Scranton)	7.3 ESE;lake E			ABANDONED.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S
Green Acres (Beaver Meadows)	2S	1260	20 S4	80, 91 oct. Pole line ENE
Lehighton	0.9 WSW;hwy NW	502	18 S5	80 oct Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	27 S6	80 oct. P-line W,SW.
→ Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3	Trees NE.
→ Mt View (Nicholson)	4.8 ENE;crk NW	1280	21 S2	80 oct, Hill SE,trees NW.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
→ Scranton	7.2 WNW	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S6	80,91 oct.P-line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW
Stroudsburg-E Stroudsburg → (Stroudsburg)	2.5 NNE;RR S	480	22 S6	80 oct
(P) Sunbury	2 NNE	448	35 S4	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S2	80 oct. ENE,NE blkd.
→ Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h L3 S4	80, 91 oct. Lgts emerg
(P) Williamsport	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct.Stack ESE,ENE only.

NEW AIRPORTS

Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
ScenicAire Park (Geneva,N.Y.)	2 S;lake E	550	27 S2	80,91 oct.Data unver.
→ Valley (Sayre, Pa.)	2.7 WNW;riv E	800	29 S6	80 oct.Trees ESE,Mtn WNW.
→ Wilkes-Barre-Scranton	10 NE;riv N	950	52h R1 L5	(Wilkes-Barre, Pa) Lgts prior req.
Jersey Shore (Pa)	1.5 E	530	28 S4	Data unver
Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
Skyview Acres,(Muncy,Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct.P-line S,SE WSW
Grand Canyon (Wellsboro,Pa)	4 W	2000	35 S2	80 oct.Data unver.
Mufflin Co (Reedsville,Pa)	2.7 N;hwy W	830	37 S4	80 oct.
Berwick (Pa)	2.2 ENE	620	22 S4	80 oct.P-line E,NE.
→ Centre (Berwick,Pa.)	6.5 WSW;RR N	500	29 S6	80 oct.E blkd.
→ Susquehanna (Pa.)	1.2 W;riv S	1000	17 S2	80 oct. Data unver.
→ Wallington (Sodus,N.Y.)	2.5 ESE;RR S		17 S2	80 oct.Wires S.Ctn when wet.
→ Carbondale-Clifford (Carbondale,Pa.)	7 NW;lks SE	1520	19	1 E Clifford.

SYRACUSE 53


PRESQUE ISLE 18
FOR WATERTOWN VHF RANGE SEE CHART 144
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
WATERTOWN
CARTHAGE
SCALE OF MILES
CAN. N.Y.
RICHLAND
ROSS
LADD'S
BOONVILLE
COMMERCIAL
ROCHESTER 278
HILTON
RIDGEWAY
ROCHESTER 206 (116.1)
WALLINGTON
BOSTON CLEVELAND
FULTON
FULTON AIR PARK
SYRACUSE 350 (116.1)
UTICA 359 (116.1)
RED CREEK
CICERO
SYRACUSE
HYLAN
BRIZEE
GREEN 2
WEST HENRIETTA
BUFFALO
TO ALBANY
SCOTTSVILLE
MEACHAM-GENESEE
HONEOYE FALLS FLY SER.
AUBURN
KIRKVILLE
ROME AAF 396 (126.18)
CANASTOTA
UTICA
SMITHPORT INC.
SYRACUSE MUN 278
COLGATE UNIVERSITY
MASON
SENECA FALLS
SCENICAIRE PARK
RUSHVILLE
DANSVILLE (W) 212
PENN YAN
DANSVILLE
MT. MORRIS
BATH H'SPORT
ELMIRA 385 (116.1)
MERCURY
TO BUFFALO
WARREN EATON
CORTLAND
CAYUGA
ITHACA
HORNELL
ANGELICA
MARTIN
BUFFALO 51
KEYES-ONEONTA
SIDNEY
COSTA'S
PAINTED POST
NANTICOKE VALLEY
BINGHAMTON
CROWNER
COMMUNITY
ELMIRA-PINE CITY
N.Y.
PA.
TRI-CITIES 278
CHEMUNG CO
EAGLE VALLEY
CHEMUNG VALLEY
ELMIRA
CLEVELAND NEW YORK
SUSQUEHANNA
BOSTON NEW YORK
ALBANY 55
GRAND CANYON
CHERRY SPRINGS
TOWANDA
CARBONDALE-CLIFFORD
(MT. VIEW)
HONESDALE
NARROWSBURG
LAKE CAREY 21
SKY HAVEN
WILKES-BARRE 272 (116.1)
SCRANTON
WILLIAMSPORT 375 (116.1)
LOCK HAVEN
WILKES-BARRE
TO STEWART
TO BRANCHVILLE
LA GUARDIA
DALEVILLE
JERSEY SHORE
CUB HAVEN
WILLIAMSPORT
FOR SUNBURY VHF RANGE SEE CHART 144
SKYVIEW ACRES
KINGSTON 281
SUNBURY 353 (116.1)
On request
WILKES-BARRE-SCRANTON
BARRETT
MT POCONO
ALLENTOWN 320 (116.1)
LAKE SUSQUEHANNA
MILTON
DANVILLE
BERWICK
CENTRE
BLOOMSBURG
REIFENBERG
LEHIGHTON
STROUDSBURG
PHILIPSBURG
BELLEFONTE
STATE COLLEGE
SUNBURY
TAMAQUA
GREEN ACRES
SHAMOKIN
EAST PENN
BELFAST
MARTINS CREEK
EASTON
MIFFLIN CO
SELINSGROVE
10 NO. ALTOONA
TO HARRISBURG
GORDON
SLATINGTON
WASHINGTON 67
FOR ALLENTOWN VHF RANGE SEE CHART 144
ALLENTOWN-BETHLEHEM
NEW YORK 71
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION

ALBANY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adams (Mass)	1.3 SSE	1400	18	
Aero Lake & Seaplane Base (Kingston, N.Y.)	3.7 SSE;RR W	220	23 S4	80 oct. Trees S
Agawam Land & Seaplane Base (Agawam, Mass)	0.5 S;riv E	50	16 S6	80 oct. P-line SE.
ALBANY Range (N.Y.)	365(AZ)(116.1)	196°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower (N.Y.)	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany] (N.Y.)	6.9 NNW;riv N	282	35h L5 S6	80,91,100 oct. ARPT OF
Amsterdam (N.Y.)	6 N;rd NW	887	18 S6	80 oct.; ltd 91 oct. Use strips only. [ENTRY
Ansonia (Conn)	1.6 ENE	440	18 S2	80 oct.
Arlington (Poughkeepsie, N.Y.)	1.5 E;RR E	280	18 S2	80 oct. P-line NE; trees SW.
(P) Ballston Spa (N.Y.)	3 N;RR E	433	40h S4	80, 91 oct.
(P) [Barnes] (Westfield, Mass)	3 NNE;RR W	268	50h L5 S6	80, 91 oct.
Bennington (Vt)	2.5 WNW	830	13 S1	80 oct. 470' hill WNW.
Bethany (Conn)	1.3 N;hwy E	680	21 L2 S6	80 oct. No bcn. Lgts prior
Bowles (Agawam, Mass)	2.4 WSW;trk E	190	40 S4	80 oct. P-line S, req. SSE, NW, W.
BRADLEY Tower (Conn)	284(126.18)		CI (ILS-W)	3105,4495; 126.18
(NG) [Bradley (Windsor Locks, Conn)	2.8 WNW;RR, riv E	171	50h L1 S6	Ltd 73, 100 oct.
BRAINARD Tower (Conn)	278 (118.5)		AC	(4); 126.18,122.5,118.5
(NG) [Brainard] (Hartford, Conn)	2.8 SE;riv E	18	48h L5 S6	73, 100 oct. Dike N,E.
Brattleboro-Hinsdale (Hinsdale, N.H.)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
BRIDGEPORT Range (Conn)	221 (WQ)	231°,4.0	MRLW	(4)
BRIDGEPORT Tower (Conn)	269 (118.7)		C	(4); 118.7,122.5,126.18
(P) [Bridgeport] (Conn)	3.5 ESE	9	48h L5 S6	80, 91 oct.
Briggs (Carlisle, N.Y.)	0.6 SE;RR W	1320	12	
Brookfield's (Mass)	1 W;RR SW	680	20 S6	80,91 oct. SW blkd. Rough
Canaan (Conn)	1 N;RR W	680	20 S4	80 oct. Poles WSW;S blkd.
Catskill Valley (Catskill)	1.8 SW	105	24 S3	80 oct. (N.Y.)
Christi (New City, N.Y.)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
Cliff Haven (Accord, N.Y.)	11 W;RR S	260	16 S1	80 oct.
Cooperstown (N.Y.)	1.4 NNW;RR SE	1160	16 L S4	80 oct. Poles S. Port lgts.
County Arpk. (Spring Valley, N.Y.)	1 E;RR S	420	18 S6	80 oct. NNE, NNW blkd. Trees SSE. Use strips
Cozine (Rhinebeck, N.Y.)	0.5 SE;RR W	200	20 S1	87 oct. P-line W.
Croton Arpk. (Peekskill, N.Y.)	4.8 SE;riv SW	280	13	Hill SW.
(P) Dillant-Hopkins (Keene, N.H.)	2 S;riv 0.8 W	481	40h L S6	80,91 oct. Flare pots prior
Danbury (Conn)	2.5 SW;RR N	454	44h S6	80 oct. Trees ENE, req. SSE, WSW.
Doane (Essex, Conn)	1.2 SW;RR E,N	30	19 S6	80 oct. Trees N,NW.
Duanesburg (N.Y.)	0.1 S	710	20 S2	80 oct. Bldgs E; trees W.
East Brookfield (Mass)	1 W;hwy N	640	15 S4	No fuel.
East Greenbush (N.Y.)	0.8 NW;RR W	260	43 L S6	80 oct. Port rnwy lgts. P-line N.
East Hampton (N.Y.)	2.5 W;RR S	40	25 S4	80 oct.
(A) Elizabeth (Fisher's Island, N.Y.) (A)	W end Island	7	29h	
Equinox (Manchester, Vt)	1 SE;riv E,N	700	18 S4	80,91 oct.
Fair Haven (Vt.)	1.5 NNW	370	20 S4	80 oct.
Fair View Farm (Williamstown, Mass)	4 SW;riv E	954	17 S1	80 oct. Trees NE, NNE.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N. (N.Y.)
* Fort Plain Int, 40A, CV-AZ	3 NNW;RR NE	720	35 L3	(N.Y.)
Freedom Plains (Billings)	2 W;rds N,E	340	11 S1	80 oct. Pwr line S. (N.Y.)
Fulco (Johnstown, N.Y.)	1 SE;hwy S	840	22 S4	80 oct. Data unver.
Gardiner (N.Y.)	0.5 S;riv W	320	30 S4	80 oct. Data unver.
Gardner (Mass)	2 SW;hwy N	1020	18 S4	80 oct.
GLENS FALLS MH fac. (N.Y.)	206(GB)(116.1)		MHTV	(4); 116.1
[Glens Falls] (N.Y.)	2.6 NW;rd S	474	36h S6	80 oct.
Glove City (Gloversville, N.Y.)	1.5 NE;RR S	860	17 S1	80 oct.
Great Barrington (Mass)	2 WSW;riv N	726	27 S6	80,91 oct. Obsts sur fld.
Halcott (Halcott City, N.Y.)	1 N		10 S1	80 oct. Data unver.
Hammonasset (Madison)	2 E;hwy N	15	12 S1	80 oct. (Conn)
HARTFORD Range (Conn) (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3); 116.1
Hartness (Springfield, Vt)	3.8 NNW;riv E	570	20 S6	80 oct.
Hayduck (Herkimer, N.Y.)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct. P-line E.
Hiller (Barre Plains, Mass)	2 SW;riv W	589	25 S1	80 oct.
Huguenot (Port Jervis, N.Y.)	3.3 NE;RR SE	480	21 S6	80 oct. Trees SW.
Intercity (Schenectady, N.Y.)	3.6 SSE;RR NE	340	20 S4	80 oct.
Island (Shelton, Conn)	1.8 SE;on isl.	8	15 S1	80 oct. Trees SE. Soft.
Jewett (Jonesville, N.Y.)	0.5 NE	340	22 S2	80 oct.
Keene Arpk. (N.H.)	3 NW;RR W	500	21	CLOSED.
Kingston (N.Y.)	1.5 NW;RR S	150	17	CLOSED. P-line NW.
(P) Kingston-Ulster (N.Y.)	2.7 N;RR E	160	30 S4	80,91 oct. P-line E.
Kinsley (Somers, Conn)	2.5 NNW;hwy E	200	19	Emerg. use. Trees W,SW,
Kline-Kill (Ghent, N.Y.)	2 NNW;riv W	380	18	Lgt acft only. N blkd. ESE.
La Fleur (Northampton)	1.2 ENE;riv N	120	26 S4	80 oct. Riv SW. (Mass)
LEBANON MH Fac. (N.H.)	209 (LP)		MHW	
(P) Lebanon (N.H.)	3.3 WSW	579	40h L5 S6	80,91 oct. Lgts prior req.
Lime Ridge (Beekman, N.Y.)	1.3 SE;RR S	420	16 L2 S6	80 oct. All lgts prior req.
Livingston Manor (N.Y.)	0.8 SE;RR SW	1440	19 S3	80 oct.
Long Meadow (Rexford, N.Y.)	1.5 NE;RR N,W	380	20 S1	80 oct. E,NNE blkd. RR S.
Lufbery (Wallingford, Conn)	0.6 WSW;RR E	80	22 S6	80 oct. Trees S.
Mahopac (N.Y.)	1 NNW;lk E		20 S1	80, 91 oct.
Margaretville-Fleischmanns (Margaretville, N.Y.)	0.4 SW;riv NW	1310	19 S1	80,91 oct. P-line NE.
Matamoras (Pa)	0.5 SSE;jct of rivs N	450	18h L4 S6	80 oct. No bcn. Lgts prior req.
Mattituck (N.Y.)	0.8 ESE;bay S	30	25 S6	80,91 oct. Poles N.
MERIDEN Tower (Conn)	278		CI	3105,4495 (days)
Meriden (Conn)	2.7 SW;RR E	102	35 L3 S6	80 oct. S blkd. P-lines SE.
Metropolitan (Palmer, Mass)	5 N;riv W	400	19 S6	80 oct. Hill N.
Middlebury (Vt)	2.5 SE;hwy W	440	17 S4	80 oct.
Milford (Conn)	1.5 SSW;RR NW	10	20 S1	80 oct.
Miller (Nyack, N.Y.)	1.8 WNW;riv E	70	17 S6	80 oct. P-line SW.
Millerton (N.Y.)	1.5 N;RR W	1000	13 S1	80 oct. Trees N.
Monroe (Conn)	0.7 SSE; rd E	620	20 S4	80 oct. Rd W. Trees S.
Montgomery (N.Y.)	1 WSW;riv W	393	22 S6	80 oct. Trees N; brush E.
(A) "U.S. Mil. Acad. #1 (A)	2 SW	355	35h	CLOSED. (N.Y.)
Monticello-Sullivan Co. (N.Y.)	1.4 S;RR E	1500	27 L S4	80,91 oct. Port rnwy lgts
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct. Obsts sur fld.
NEW HACKENSACK Range (N.Y.)	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4); 116.1 (N.Y.)
(P) New Hackensack (N.Y.)	0.5 W	166	35h	Obsts NE.
[New Haven] (Conn)	3.5 SSE;hwy N	4	42h S6	80, 91 oct.
New Paltz (N.Y.)	0.8 W;RR E	190	20 S1	80 oct.
(P) Orange (Mass)	1.5 SE;hwy SE	555	50h S2	80 oct. Poles NE.
Parlin (Newport, N.H.)	2 NNW;riv SW	780	20 S4	80 oct. NNE, ESE, SSW blkd.
Pilgrim (Northampton, Mass)	9 N	120	16 S3	No sto. Data unver.
Piseco (N.Y.)	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct. Trees, brush
Pittsfield, 3B, AZ-BW (Mass)	2.4 WSW;hwy NW	1160	27 L3 S4	80,91 oct. P-line NW. [NNE.
Plateau (Northville, N.Y.)	2.5 E;riv ESE	1040	24 S6	80,91 oct. Trees S. Rough.
Post Mills (Thetford, Vt)	4.7 NNW;lk NE	700	25 S2	80 oct.
Prattsville (N.Y.)	1.5 SE; riv W	1200	15 S1	80 oct. Mtns sur fld.
QUABBIN Army H Fac. (Westover) (Mass)	317 (D)	59°,8.5	FMHW	(Cont.)
Ramapo Valley (Mahwah, N.J.)	1.2 NW;riv SE	280	19 S1	80 oct.
Randall's (Middletown, N.Y.)	1.8 ESE;RR NW	520	20 S2	80,91 oct.
Ravena (N.Y.)	1.2 N;riv 2 E	180	14 S1	80 oct. Lgt acft only.
RENTSCHLER Tower (Conn)	254 (126.18)		CI	(3); 126.18
Rentschler (East Hartford, Conn)	1 N	45	58h L5 S6	80,91,100 oct. P-line SE, SSE.
Rockland (New City, N.Y.)	1 SSE;RR E	240	14	Trees W; hwy E. (NC)
[Rutland] (Vt)	5.8 SSE;hwy W	784	40h L3 S4	80 oct. All lgts prior req.
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct. P-line WSW. (N.Y.)
Salem (Conn)	2.1 E;lk NNE	400	21 L S6	80,91 oct. Trees S. Port lgts.
Schenectady Co. (N.Y.)	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schoharie Co. (Richmondville, N.Y.)	1.3 NE;RR N	1000	16 S1 *	80 oct. Trees E.
Schuylerville, Land & Seaplane Base (N.Y.)	2.5 S;riv E	100	29 S1	80 oct. Trees N, S.
Selkirk (N.Y.)	2.7 E;hwy E	160	22	P-line E; trees S.
Silver Ranch (E. Jaffrey, N.H.)	1 E; lk 1 SE	1020	17 S1	80 oct. Trees SE, NW.
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct. Trees SE.
Sky Haven (Delanson, N.Y.)	0.9 NW;RR SE	1100	17 S2	80 oct. ESE, W blkd.
Somers (N.Y.)	0.6 SE;RR E,S	563	20 S4	80 oct.
Southbridge (Mass)	1.7 N	700	27 S1	80 oct. Trees W, N.
Springfield (Mass)	2.3 NE;RR S	205	26 S6	80,91 oct. Bldgs W.
Stanton's Newburgh Cub Port (Newburgh, N.Y.)	5.3 NW;RR S	520	12 S2	80 oct. Trees S
Starhaven (Middletown, N.Y.)	1.3 NW;RR N	750	29	Trees SW, SE, NW. RR SW.
Steenburgh Avia. Svc.	1.5 ENE;RR N	900	8 S1	80 oct. (Gloversville, N.Y.)
Stephenson (Bristol, Conn)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Stevens (North Adams, Mass)	2.8 WSW;RR N	690	12	Emerg. use only.
STEWART Army Range (N.Y.)	335 (DMU)	125°,2.4	MRLW	
STEWART Tower (N.Y.)	396 (126.18)		CA	(3); 126.18 (7-23)
(A) Stewart (Newburgh, N.Y.) (A)	4 NW;hwy N	474	60h L5 S6	100 oct. JP-1.
Stone Arabia (Ft. Plains, N.Y.)	3.6 ENE;hwy E	880	18	P-line NNW.
Stormville (N.Y.)	1 ENE;RR S	350	23 S4	80 oct. Trees NE
Suffolk (Westhampton Beach)	3.6 N	90	43 S6	80 oct. Pwr line N. (N.Y.)
Suffolk Co. (Westhampton Beach, N.Y.)	2.6 N	69	50h	
Sussex (N.J.)	1.2 WSW;RR S	420	25 S6	80 oct. 200' knoll NNE.
* Ticonderoga Int, 22, LG-UL	2.7 NNE;rd E	210	32 L3 S1	80 oct. Obsts sur fld. (N.Y.)
Troy (N.Y.)	2 SSE;lk N	327	30 L4 S6	80,91 oct. ENE, W blkd.
Trumbull (Groton, Conn)	2.8 SE;RR W	10	50h S4	80 oct,
Turners Falls (Montague, Mass)	4.2 N;riv NW	350	32 L S6	80,91 oct. Obsts sur fld. Floodlgts prior req. [req.
Twin State (White River Jct, Vt)	1 SW;RR, riv E	540	19h L S6	80,91 oct. Port rnwy lgts on
Valley Air Park (Middleburg, N.Y.)	1.5 NNW	635	20 S4	Data unver.
Vaughan (Johnstown, N.Y.)	1 E;hwy W	760	18	Use in emerg only.
(A) Wallkill, U.S. Mil. Academy #2 (N.Y.) (A)	3 NW;riv E	340	35h	CLOSED.
Wappingers Falls (N.Y.)	0.9 SE;rd S	152	21 S4	80 oct. P-line E,W,S.
[Warren Co.] (Glens Falls, N.Y.)	2.4 NNE;rd N	325	40h L5 S1	80, 91 oct
Warwick-Wickham (N.Y.)	4.5 NE;RR W	540	24 S4	80 oct. Ridge N.
Waterbury (Plymouth, Conn)	2.6 S;RR E,W	843	20 S6	80 oct. Trees N, S.
Waterford (Conn)	1.7 N;RR SSE	60	20 S6	80 oct. Trees, hill S.
Watertown (Conn)	2.2 S;lk N	660	19 L S4	80 oct. Port rnwy lgts on req.
Westchester (Armonk, N.Y.)	0.5 SSE	380	23 S6	80, 91 oct
WESTCHESTER CO. Tower	260(118.9)		C	(4); 118.9,122.5 (N.Y.)
(P) Westchester Co. (White Plains, N.Y.)	4 NE;lk W	435	50h L5 S6	80,91 oct. P-line SSW
WESTFIELD Range (Barnes) (Mass)	230(WJ)(116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
West Haven (Conn)	2.7 SW;hwy E	15	18 S4	80 oct. Trees NE. W blkd.
WESTOVER Army Range	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower (Mass)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18 (Appch cont.)
(A) Westover (Chicopee Falls, Mass) (A)	3.8 NNE;riv W	244	73h (L6) S6	73,100 oct. JP-1 for Army
West Springfield (Mass)	2.2 WNW;riv E	50	18 S1	80 oct.
White (Bedford, N.Y.) (NC)	3.6 SE;hwy E	475	12	
Winchester Arpk. (N.H.)	1.2 N;riv S,W	460	24 S1	80 oct. Riv N.
Windham (Conn)	3.5 NNW;RR S	238	44h S1	80 oct. Trees NE, ENE.
Wingdale (N.Y.)	1.5 NE;RR W	400	25 S4	80 oct. Rough
Wurtsboro (N.Y.)	2 NE;RR E,SE	560	31 S6	80 oct. Obsts sur fld.

INSTRUMENT LANDING SYSTEMS (*Localizer, Glide Path in mcs. Compass Locator in kcs*)

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ••••••(0.79)	OM- — — (3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ••••••(0.72)	OM- — —(4.42)
					MMK- 201 •—•—•	OMK- 219 — —
BRADLEY	110.3	335	58°	IM-	MM- •—•—(0.66)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Southington (Conn)	3.5 NNE;RR W	200	21 S4	80 oct.
Claremont (N.H.)	1.3 W;riv NE	520	28h S6	80,91 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 257.85, 149.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. (Jones) – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

STATUTE MILES 10 0 10 20

PRESQUE ISLE 18
TICONDEROGA
MIDDLEBURY
POST MILLS
TWIN STATE
On request
GLENS FALLS 206 (116.1)
FAIR HAVEN
LEBANON(W) 209
RUTLAND
PISECO
D.A
LEBANON
NEWPORT
WARREN CO.
GLENS FALLS
HUDSON FALLS
HARTNESS
CLAREMONT
SACANDAGA PARK
CORINTH
MOREAU
PLATEAU
STEENBURGH
GLOVE CITY
AMSTERDAM
BALLSTON SPA
SARATOGA SPRINGS
EQUINOX
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO
FORT PLAIN
JEWETT
KEENE
ALBANY 365 (116.1)
BENNINGTON
DILLANT-HOPKINS
WINCHESTER
STONE ARABIA
LAURIESVILLE
STEVENS
BRATTLEBORO-HINSDALE
SILVER RANCH
SKY HAVEN
BRIGGS
COOPERSTOWN
INTERCITY
RED 11
VT. N.H. MASS.
GARDNER
COLONIE
TROY
SCHOHARIE CO
ALBANY 278 KC. 118.3 MC
FAIR VIEW FARM
ADAMS
DUANESBURG
EAST GREENBUSH
SELKIRK
RAVENA
TURNERS FALLS
ORANGE
GARDNER
VALLEY AIRPK.
WESTOVER AAF 272
QUABBIN (W) 317
FARLY'S
PITTSFIELD
PILGRIM
HILLER
KLINE-KILL
LAFLEUR
QUABBIN
WESTOVER AAF 396 (126.18)
PRATTSVILLE
GREAT BARRINGTON
E. BROOKFIELD
HALCOTT
CATSKILL VALLEY
BARNES
METROPOLITAN
SOUTHBRIDGE
MARGARETVILLE-FLEISCHMANNS
WESTFIELD 230 (116.1)
SPRINGFIELD
KINGSTON-ULSTER
COZINE
W. SPRINGFIELD
CONN.
CANAAN
BOWLES
KINSLEY
WOODSTOCK
MILLERTON
BRADLEY 284 KC. 126.18 MC
AGAWAM
KINGSTON
WALLKILL NO 2
ARLINGTON
SIMSBURY
LIVINGSTON MANOR
AERO LAKE
CLIFF HAVEN
NEW HACKENSACK
SOUTHINGTON
WEATOGUE
RENTSCHLER 254 (126.18)
NEWBURGH-WALDEN
GARDINER
NEW PALTZ
FREEDOM PLAINS
STEPHENSON
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
RED 13
LIME RIDGE
WATERBURY
HARTFORD 329 (116.1)
WINDHAM
MONTICELLO
MONTGOMERY
WURTSBORO
STANTON'S
STORMVILLE
WATERTOWN
MERIDEN 18
SALEM
MONTGOMERY NO 1
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
BRAINARD 278 KC. 118.5 MC
LUFBERY
STARHAVEN
HUGUENOT
RANDALL'S
MATAMORAS
DANBURY
MONROE
ANSONIA
MERIDEN 278
DOANE
WATERFORD
STEWART AAF 396 (126.18)
MAHOPAC
SOMERS
ISLAND
HAMMONASSET
TRUMBULL
SUSSEX
WARWICK-WICKHAM
CROTON
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
COUNTY AIRPK.
WESTCHESTER
MILFORD
BRANCHVILLE
CHRISTIE
RAMAPO VALLEY
BRIDGEPORT (W) 221
BRIDGEPORT 269 KC. 118.7 MC
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 71
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK
SUFFOLK CO
WESTCHESTER CO. 260 KC. 118.9 MC.
TO UTICA
TO ELMIRA
SYRACUSE 53
TO WILKES-BARRE
TO LAKE CARY
TO CONCORD
BOSTON 57
TO MOODUP
BOSTON
NEW YORK
BOSTON
N.Y 3 D.A
72°48'
72°20'

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ames (Brocton, Mass)	3 WSW;hwy W	120	20 S6	80 oct.SSE,WSW blkd.
Auburn (Mass)	2 SW;RR W,E	700	15 S1	80 oct. Lgt acft only
(A)Ayer (Mass)	1.5 NW;riv W	268	52h S4	ARMY TEMP INACT-CIVIL
BEDFORD Army H Fac. (Mass)	522(BED)		MH	Oper cont. FACS.
BEDFORD Tower (AAF)(Mass)	212(126.18,137.88)		CA	(3); 126 18,137 88
(A)Bedford AAF (Mass) (A)	1 S	128	50h L5 S6	73,100 oct P-1
Biddeford (Me)	2 SSW;RR NW	110	22 S2	P-line SE 80 oct
Boire (Nashua, N.H.)	2.8 WNW;RR NE	185	20h L3 S4	80,91 oct Lgts prior req
Bolton (Clinton, Mass)	2.3 NE;RR W	400	17 S6	80 oct Trees P-line S around fld. RR S
BOSTON Range (Mass)(Logan)	263(BW)(116.1)	238°,1.4	SBRAZ-DTV	(3); 116.1
Boston-Metropolitan(Canton,Mass)	1 W;riv W	50	21 S6	80 oct. Trees NW.
Brocton (Mass)	2 S;hwy E	128	22 S6	80 oct Poles E,W,N
Cape Ann Airways (Essex,Mass)	0.9 NNW;riv E,SE	20	14 S1	80 oct.
Cape Cod (W.Barnstable, Mass)	2.1 SW;lake SW	100	21 S2	80 oct.
CHARLESTOWN NAAS Twr (R.I.)	269 (142.74)		CN	3105;142.74(0700-1800)
(N)Charlestown NAAS (R.I.) (N)	1.6 SW;hwy N	32	58h (L5) S1	91, 100 oct. No bcn
Chatham (Mass)	1.7 WNW;lake E	66	14 S4	80 oct. P-line NW
Clark (Hanover, Mass)	2.6 WSW;riv S	74	24 S6	80 oct. NE,NNE blkd.
CONCORD Range (N.H.)	251 (CN)(116.1)	332°,1.9	BMRLZ-DTV	(4); 116.1
(P) [Concord] (N.H.)	1.5 E	346	40h L5 S6	80, 91 oct.
Conway Valley (Conway, N.H.)	0.6 WNW;RR NNE	460	26 S5	80,91 oct Poles SW
Country Club (Wareham,Mass)	1.3 E;riv S	25	17 S4	80 oct. P-line,trees N.(NC)
De Florez (Woodstock, Conn)	2.4 SSE;hwy W	450	19 S4	80 oct. Trees N
Douglas (Brunswick, Me)	3.5 W;RR SE	170	16 S2	80 oct.
Eastham (Mass)	1.2 NW;hwy E	50	20 S4	80 oct.FEE.Rnwy data unv Smudge pots prior req
Fitchburg (Mass)	2.5 SE;bet RRs	334	45h S6	80 oct. Knolls, dike S
Franklin Airways Inc. (N.H.)	1.5 SSW;riv E	370	20	Emerg use.
Franklin-Norfolk (Norfolk,Mass)	2.5 WNW;RR SSE	140	20 S6	80 oct.P-line S.RR NW.
Gate City (Nashua, N.H.)	4 SSE;riv E	120	23 S6	80 oct
(P)Goodall (Sanford, Me)	4 SE;hwy N	243	60h L5 S6	91 oct.Lgts prior req.
Grafton (North Grafton, Mass)	0.7 SSW;riv N	450	30 S6	80 oct. Wooded hill S.
GREENE Tower (R.I.)	278 (118.9)		AC	(4);.118.9,122.5
[Greene] (Providence, R.I.)	7 S;RR W	53	41h L5 S6	80,91,100 oct
GRENIER Army Range (Manchester, N.H.)	338 (DUR)	352°, 0.4	SBMRAZ	(3)
GRENIER Tower (N.H.)	278 (126.18)		CA (ILS)	(3); 126 18
(A)Grenier (Manchester, N.H.)(A)	4 S; RR E	230	70h L5 S6	73, 91, 100 oct.
Groton (Mass)	4.6 WNW;RR W	280	28 S6	80 oct.
Hampton (N.Hampton, N.H.)	1.6 N;RR W	80	20 L S6	80 oct.Port floodlgts on req
Haverhill (Mass)	2 NNE;lake S	125	16 S6	80 oct.Stack,trees SSW.P-line NW
Hilltop (West Buxton, Me)	0.8 WSW;hwy E	300	20 L S6	80 oct.Obst & flare lgts on req.P-line ESE.
Hooksett Land & Seaplane (N.H.)	2 S;riv E	187	32 S6	80 oct.
[Hyannis] (Mass)	1.2 N;RR E	56	39h L5 S6	80,91 oct.Lgts prior req.
Kennebunk (Me)	1.6 SW	50	16 S1	80 oct.
King (Taunton, Mass)	4.5 ESE;RR N	45	26 S6	80 oct P-line NNE.
(P)Laconia (N.H.)	3.8 NNE;lk 1 NNE	536	36h L5 S6	80,91 oct.Lgts prior req.
Lafayette (Portsmouth, N.H.)	3 SSW;hwy S	71	23 S1	80 oct. Trees sur fld.
Lakes Region (Wolfeboro, N.H.)	2.6 W;RR E	580	14	CLOSED.
(P) [Lawrence] (Mass)	2.5 ENE;riv W	155	40h L5 S6	80,91 oct.Trees NE,SSE
Leicester (Mass)	2 N	1140	15h S4	80 oct. Reservoir SE.
LOGAN Tower (Mass)	278 (118.7,126.18, 118.1)		AC	(4); 122.5,126.18,118 1, 118.7
(NG) [Logan] (Boston, Mass)	1.5 E in harbor	12	70h (L6) S6	80,91,100 oct.Rdo rqrd.FEE Ltd 80,100 oct,min.rprs for
Mansfield (Mass)	2 SSE;RR NE	124	25 S2	80 oct.P-line NE, NW. NG
Marlboro (Mass)	2.4 E;hwy N	265	16 S4	80 oct. WNW blkd.
(N)[Martha's Vineyard](Vineyard Haven, Mass)	4.3 S;rd S	68	38h L5 S4	80,91 oct.Lgts prior req. Obsts SE side.TMP INACT
Mendon (Mass)	0.3 S;lake W	450	18 S4	80 oct.P-line N, NW. NONAVY FACS
Merrymeeting(Bowdoinham,Me)	1 SSE;riv E	60	14 S1	80 oct.Trees SSE,NNW.
Mineral Spgs (Providence, R.I.)	4.6 NW;hwy E	240	11 S4	73 oct.Trees sur fld.
Myricks (Berkley, Mass)	3 E;RR SW	65	20 S6	80 oct. SSW blkd.
[Nantucket] (Mass)	2.6 SE;rd N	47	40h L S6	80,91 oct.Port lgts.
Newport Arpk. (R.I.)	3.5 NNE	150	24 S6	80,91 oct.P-line NNE.
(P)New Bedford (Mass)	2.5 NNW;RR W	78	50h L5 S4	Lgts prior req.
Norwood (Mass)	1.8 E;riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs (Mass)	0.8 SW;road W	20	20	Avail. emerg. only.
(N)Otis OLF (Falmouth, Mass)(N)	9 NNE	126	70h	INACTIVE.
Plainfield (Conn)	1.5 SSW;RR NW	160	20 S6	73,87 oct.
Plum Island (Newburyport,Mass)	2.3 SE;riv N	15	24 L1 S6	80 oct. P-line E.
Plymouth (Mass)	2 SSE	149	25	Data unver.
Plymouth Mun. Arpk (N.H.)	3.5 WNW;riv S	506	18 S2	80 oct. P-line N.
(N)Plymouth OLF (Mass) (N)	4.5 SW	140	28	
PORTLAND Range (Me)	206 (PW)(116.1)	149°,2.2	BMRLZ-DTV	(4); 116.1
(P)[Portland] (Me)	2 W;riv E	60	43h L5 S6	80, 91 oct.
(P)[Portsmouth] (N.H.)	3 W	71	50h L5 S6	80,91,100 oct.
Port of Maine (So. Portland, Me)	1.8 SSW;RR E	40	26 S6	80 oct. Trees NNW.
PROVIDENCE Range (Greene)(R.I.)	347(PR)(116.1)	47°, 3.2	BMRLZ-DTV	(3); 116.1
PROVIDENCE Range (R.I.)	108.7 (PR)		VARW	
Providence (Seekonk, Mass)	2.1 ESE	25	17 S4	80 oct. P-line N.
Provincetown Land Fld (Mass)	2 WNW	5	17 S4	Fuel.Lgt planes only.Data unver
* Putnam Int,14,LG-BW (Conn)	1.7 WSW;RR 1.4 E	460	22 L3	
QUONSET POINT Navy Range (Providence, R.I.)	356 (NCO)	339°, 2.2	BMRLZ	3105; 142.74
QUONSET POINT NAS Tower (R.I.)	227(142.74,126.18)		CN (GCA)	(3); 142.74,140.58,126.18
(N)Quonset Point NAS (Providence)	10.5 S	14	60h L5 S6	91, 100 oct. NATS. (R.I.)
Revere (Mass)	1 N	20	21h L S6	80,91 oct.Fee for port lgts.
Richardson (Dracut, Mass)	2 NNW of Lowell	115	21 S4	80 oct.P-line ENE. Data unv
Riconn (Greene, R.I.)	1.8 WNW;RR S	390	20 S6	80 oct. Rnwy data unver.
Riverside Arpk.(Brunswick,Me)	1 WNW;riv E	60	20 S1	80 oct. Trees SSW,NNE.
Riverside (Ashland, N.H.)	4 NNW;riv W	470	20 S4	80 oct.
Scarboro (Me)	2 W;RR SSE	20	25 S2	80 oct.
Shawsheen Pines (Billerica,Mass)	2.7 E;RR NE	110	24h S6	80,91 oct.Rnwy data unver. Trees NE,E,SE.
Sherman Memorial(Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees sur fld.P-line
Smithfield (R.I.)	1 NE;RR W	400	17 S6	80 oct. Flares on req. NE
SOUTH WEYMOUTH NAF Tower	3295 (142.74)		CN	(3);142.74(8-1630 Mon-Fri)
(N)South Weymouth NAF (Mass) (N)	1.5 SSE;RR W	152	41 L3 S1	100 oct.Trees NNE,WSW,
Spencer (Mass)	3.5 NNE	1040	17 S6	80 oct. WNW.
SQUANTUM Navy Range (Mass)	233 (NZW)	321°,3.7	BMRLZ	(3); 142.74 flight opers.
SQUANTUM NAS Tower (Mass)	323 (142.74)		CN (GCA)	3105,4495;142.74(8-30 min.
(N)Squantum NAS (Mass) (N)	4.3 SSE;bay N	10	41h L5 S6	100 oct.No [redacted] before sunset. night flying.
Stonington (Conn)	1 NE;RR S	5	18 S6	80 oct.Lgt acft only.Rdo
Stover (Freeport, Me)	3.5 NNW	180	11 S1	80 oct. rprs.
Wayside (Sommersworth,N.H.)	2.4 W;hwy E	212	15 S2	80,91 oct.ESE blkd.
Webster (Nashua, N.H.)	3.8 NNW;riv E	195	25 S6	80,91 oct.ENE,NNW blkd.
Westboro (Mass)	1.9 WNW;hwy N	310	13 S6	80 oct.
Westerly (R.I.)	2.4 SSE; riv E	81	40h	
Wilkins (No. Attleboro, Mass)	2 NE;lake NW	200	18 S6	80,91 oct.P-line NW.Trees
Woonsocket (R.I.)	2.5 E;riv WSW	400	20 S2	80 oct. sur fld.
[Worcester] (Mass)	3.5 W;hwy N	1009	55h	Emerg. use only.

INSTRUMENT LANDING SYSTEMS (Localiser, Glide Path in mcs, Compass Locator in kcs)

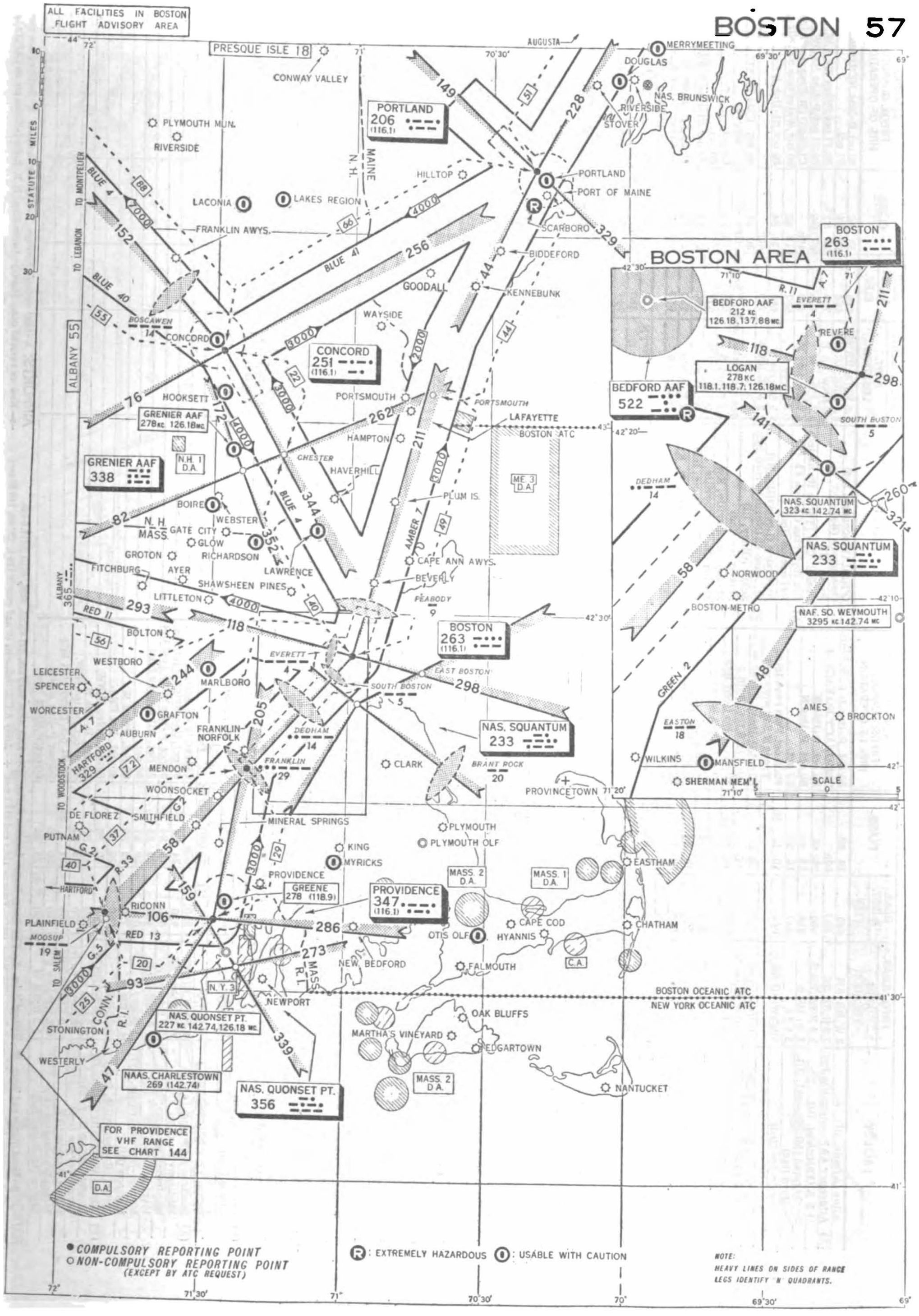
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
GRENIER (A)	109.5	332.6	352°	IM- (0.03)	MM- ·—·—·—(0.71)	OM- — — (5.00)
					MMK-201 ·—·—	OMK-219 ·—·—
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Beverly (Mass)	3 NW;lake E	108	50h L1 S6	80,91 oct.Bcn on req.
(N)Brunswick NAS (Me) (N)	1.5 SE;RR N	77	60h	CLOSED.
Edgartown (Mass)	2 S;rds E,NW	20	30 S4	80 oct.P-line E.
Falmouth (Mass)	2.5 NE	40	18 S4	80 oct. Data unver.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

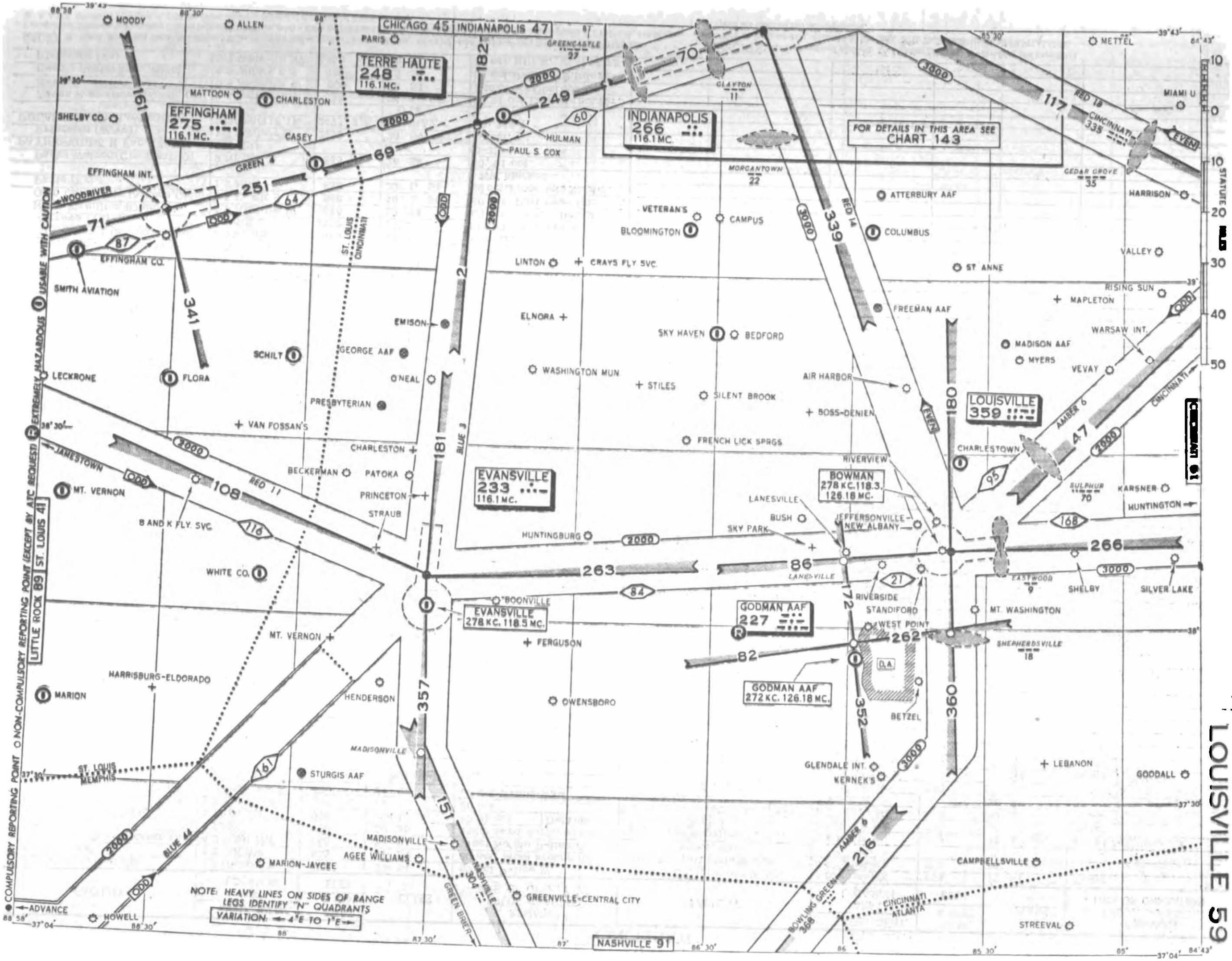
AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
AUGUSTA
MERRYMEETING
DOUGLAS
NAS. BRUNSWICK
RIVERSIDE
STOVER
PORTLAND 206 (116.1)
PLYMOUTH MUN.
RIVERSIDE
HILLTOP
PORTLAND
PORT OF MAINE
LACONIA
LAKES REGION
FRANKLIN AWYS.
SCARBORO
BIDDEFORD
KENNEBUNK
BOSTON 263 (116.1)
BOSTON AREA
GOODALL
WAYSIDE
BOSCAWEN
CONCORD
CONCORD 251 (116.1)
BEDFORD AAF 212 KC 126.18, 137.88 MC
EVERETT
REVERE
LOGAN 278 KC 118.1, 118.7, 126.18 MC
BEDFORD AAF 522
HOOKSETT
GRENIER AAF 278 KC 126.18 MC
PORTSMOUTH
LAFAYETTE
BOSTON ATC
SOUTH BOSTON
GRENIER AAF 338
N.H. I D.A.
HAMPTON
CHESTER
HAVERHILL
ME. 3 D.A.
PLUM IS.
DEDHAM
NAS. SQUANTUM 323 KC 142.74 MC
BOIRE
WEBSTER
N. H. MASS
GATE CITY
GLOW
GROTON
RICHARDSON
FITCHBURG
AYER
LAWRENCE
CAPE ANN AWYS.
BEVERLY
NAS. SQUANTUM 233
NORWOOD
SHAWSHEEN PINES
LITTLETON
PEABODY
BOSTON-METRO
NAF. SO. WEYMOUTH 3295 KC 142.74 MC
BOLTON
BOSTON 263 (116.1)
EVERETT
WESTBORO
LEICESTER
SPENCER
MARLBORO
EAST BOSTON
SOUTH BOSTON
WORCESTER
GRAFTON
AUBURN
FRANKLIN-NORFOLK
NAS. SQUANTUM 233
DEDHAM
AMES
BROCKTON
EASTON
MENDON
FRANKLIN
CLARK
BRANT ROCK
WILKINS
MANSFIELD
WOONSOCKET
SHERMAN MEM'L
SCALE
PROVINCETOWN
DE FLOREZ
SMITHFIELD
MINERAL SPRINGS
PLYMOUTH
PLYMOUTH OLF
EASTHAM
PUTNAM
KING
MYRICKS
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
MASS. 2 D.A.
MASS. 1 D.A.
RICONN
PLAINFIELD
MOOSUP
CAPE COD
CHATHAM
OTIS OLF
HYANNIS
C.A.
NEW BEDFORD
FALMOUTH
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
NEWPORT
OAK BLUFFS
MARTHA'S VINEYARD
EDGARTOWN
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
NANTUCKET
FOR PROVIDENCE VHF RANGE SEE CHART 144
D.A.
STONINGTON
WESTERLY
TO MONTPELIER
TO LEBANON
ALBANY
TO WOODSTOCK
TO SALEM
HARTFORD
STATUTE MILES
BLUE 4
BLUE 41
BLUE 40
RED 11
RED 13
GREEN 2
AMBER 1
A-7
R-11
R-33
G-2
G-5
149
228
152
256
329
344
352
262
211
298
141
260
321
365
293
118
244
205
76
172
82
58
159
106
286
273
93
47
339
88
66
55
56
51
44
22
49
40
37
25
20
72
14
29
9
5
18
4
7
10
30
42°30'
42°20'
42°10'
42°
41°30'
41°
43°
71°10'
70°30'
69°30'
72°
71°30'
71°
70°
69°
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR,8 N	665	20 S6	80 oct. P-line N,E. W blkd.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT. NO FACS. (A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N.
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct. Port rnwy lgts. Trees N,S oft when wet
Boss-Denien (Salem, Ind)	3 WNW;RR NE	730	24 S6	80 oct. P-line S. Trees W.
BOWMAN Tower (Louisville,Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
[Bowman] (Ky)	5.5 ESE	546	44h L5 S6	80,91 oct. No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct. Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct. Flares on req. P-
(P) Columbus (Ind)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct. No bcn,no flood. line N,E,W. Lgts on req
EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct.
* Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3	P-line E,SE. On req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind)	278 (118.5)		C	(4); 118.5, 122.5
→ [Evansville] (Ind)	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct. Twr W. Fld lgts on req. No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
→GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct. WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
Harrison (Ohio)	2 ESE;hwy .5 SW	580	26 L1 S6	80 oct. P-line S.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct. All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct. Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
→INDIANAPOLIS Range (Ind)	266 (ID)(116.1)	75°,3.2	SBRAZ-DTV	(3); 116.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct. Poles SW.
Lawrenceburg (Ind)	See Valley under "New Facilities" - name changed.			
Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct. P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct. Flares on req. Der-
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N.NE rick NW blkd.
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips. strips.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct. P-line N,NE, onl Use
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct. Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct. P-line N,W.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct. Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct. P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct. N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct. P-line NE;trees N
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.5 NNW;RR E	740	30 S1	80,91 oct. Poles SW,S,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St. Francisv'l,Ill)
Princeton (Ind)	0.8 E;hwy N	502	18 S2	80 oct. Water tank SW, Wires NW
Riverside (Louisville, Ky)	7.5 SW;riv W	446	24 S4	80 oct. Hi-line E
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S1	80 oct. Data unver.
Scottsburg (Ind)	See Air Harbor under "New Facilities" - name changed.			
Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct. Hi-line W,SW.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct. P-line E,NE,S. 80' hill W end WSW rnwy.
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE;poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver.
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct. P-line E,NW,SE.
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	18 S6	80 oct. Poles W.
Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct. Tree NE corner. Data unver.
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4 N		30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
NEW FACILITIES				
Agee Wms Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct. Pwrline W,SW
Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct. P-line NNE,NE,NE/
Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct. P-line SW,W,NW SW
Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE strip
West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct. rough
Crays Fly. Serv. (Bloomfield,Ind)	4 W		18	Data unver.
Sky Park (Corydon,Ind.)	1.5 NW	650	32 S1	80 oct. Wires E. Data unver.
Riverview (Utica, Ind)	2.8 SW;riv S;hwy N	447	27 S6	80 oct.
Lanesville (Ind)	2 SW hwy N	650	17 S4	80 oct. W blkd.
→Rising Sun (Ind.)	0.5 N	580	22 S1	80 oct. Wires W. Data unver.
Air Harbor (Scottsburg,Ind.)	1.5 W;hwys N,E	570	25 S4	80 oct.
Valley (Lawrenceburg,Ind.)	1 WSW;riv S	485	20 S4	80 oct. Hills NNE,WNW.
Betzel (Lebanon,Ky)	1.6 NNW;RR E	445	20	Trees N,S
Patoka (Ind)	1.5 W;lake N,E	500	22 S1	80 oct. P-line S,SE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHICAGO 45 INDIANAPOLIS 47
LOUISVILLE 59
NASHVILLE 91
MOODY
ALLEN
PARIS
TERRE HAUTE 248 116.1 MC.
GREENCASTLE 27
METTEL
MATTOON
CHARLESTON
SHELBY CO.
EFFINGHAM 275 116.1 MC.
CASEY
HULMAN
PAUL S. COX
INDIANAPOLIS 266 116.1 MC.
CLAYTON 11
FOR DETAILS IN THIS AREA SEE CHART 143
MIAMI U
CINCINNATI 335
RED 18
EVEN
GREEN 4
EFFINGHAM INT.
WOODRIVER
MORGANTOWN 22
CEDAR GROVE 35
HARRISON
ATTERBURY AAF
VETERAN'S
BLOOMINGTON
CAMPUS
COLUMBUS
RED 14
LINTON
CRAYS FLY SVC.
ST ANNE
VALLEY
RISING SUN
MAPLETON
EFFINGHAM CO.
SMITH AVIATION
ST. LOUIS CINCINNATI
EMISON
ELNORA
FREEMAN AAF
SKY HAVEN
BEDFORD
SCHILT
GEORGE AAF
MADISON AAF
WARSAW INT.
LECKRONE
FLORA
O'NEAL
WASHINGTON MUN
STILES
AIR HARBOR
MYERS
VEVAY
PRESBYTERIAN
SILENT BROOK
BOSS-DENIEN
VAN FOSSAN'S
FRENCH LICK SPRGS
CHARLESTOWN
AMBER 6
CINCINNATI
JAMESTOWN
BECKERMAN
PATOKA
RIVERVIEW
BOWMAN 278 KC. 118.3, 126.18 MC.
EVANSVILLE 233 116.1 MC.
PRINCETON
LANESVILLE
BULPHUR 70
KARSNER
HUNTINGTON
MT. VERNON
STRAUB
BUSH
JEFFERSONVILLE-NEW ALBANY
B AND K FLY. SVC.
SKY PARK
HUNTINGBURG
WHITE CO.
BOONVILLE
EVANSVILLE 278 KC. 118.5 MC.
GODMAN AAF 227
RIVERSIDE
STANDIFORD
MT. WASHINGTON
EASTWOOD 9
SHELBY
SILVER LAKE
FERGUSON
WEST POINT
SHEPHERDSVILLE 18
HARRISBURG-ELDORADO
MARION
HENDERSON
OWENSBORO
GODMAN AAF 272 KC. 126.18 MC.
BETZEL
MADISONVILLE
GLENDALE INT.
KERNEK'S
LEBANON
GODDALL
ST. LOUIS KERNEK'S MEMPHIS
STURGIS AAF
AGEE WILLIAMS
MARION-JAYCEE
CAMPBELLSVILLE
GREEN RIVER
BOWLING GREEN 368
CINCINNATI ATLANTA
STREEVAL
ADVANCE
HOWELL
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 1°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
LITTLE ROCK 89
ST. LOUIS 41
STATUTE MILES
161
341
71
87
64
251
69
249
60
70
182
2
181
3
357
151
304
263
86
84
108
116
117
339
180
47
95
168
266
21
172
262
82
352
360
216
BLUE 3
BLUE 44
RED 11
2000
3000
ODD
EVEN

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy.
Blue Grass (Lexington, Ky)	6 W;hwy N	978	40h L5 S6	80,91 oct. Data unver.
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW.
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1.DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE	860	29 S6	80 oct. (Ohio) NE blkd.P-line N.
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi.end Rnwy 22(8-1630, Mon.-Fri.or on 30 min.not.
CLINTON CO.Tower (Ohio)	272 (126.18, 140.58,116.1)		CA (ILS-W) (GCA)	(3);126.18,137.7,116.1. Trans.on 137.88 on req.
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct.Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(126.18,118.5.)		AC (ILS)	(4);126.18,118.5,122.5 Call:
(P) Greater Cincinnati (Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) Kenton Twr.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Harrison (Ohio)	2 ESE;hwy 5 SW	580	26 L1 S6	80 oct.P-line S
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E. 80 oct.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E. (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116.1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford, Ohio)	2 SE;RR 1 W	670	20 S6	80 oct.No sto.P-line N,S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E
Lancaster (Ohio)	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto.(Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) Lunken (Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	73,91,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	616	27 S4	80 oct.House NE,bridge NW
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct.
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S.
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW. NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4); 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct.Lgtg fac not ver.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE.Rdo re-pairs.
Richlands (Va)	2.7 WSW;RR NW	1950	18 S6	80 oct.Hill E.
Roane Co. (Spencer,W,Va)	1 SE;hwy NE	954	17 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct. P-line SE.
* Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski (Ohio)	1 SSW;RR NW	705	22	Trees,hill NE,SW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- •—•—(0.6)	OM- — —(4.3)
					MMK- 206 •••—	OMK- 215•— — —
				IM-	MM-	OM-
					MMK-	OMK-

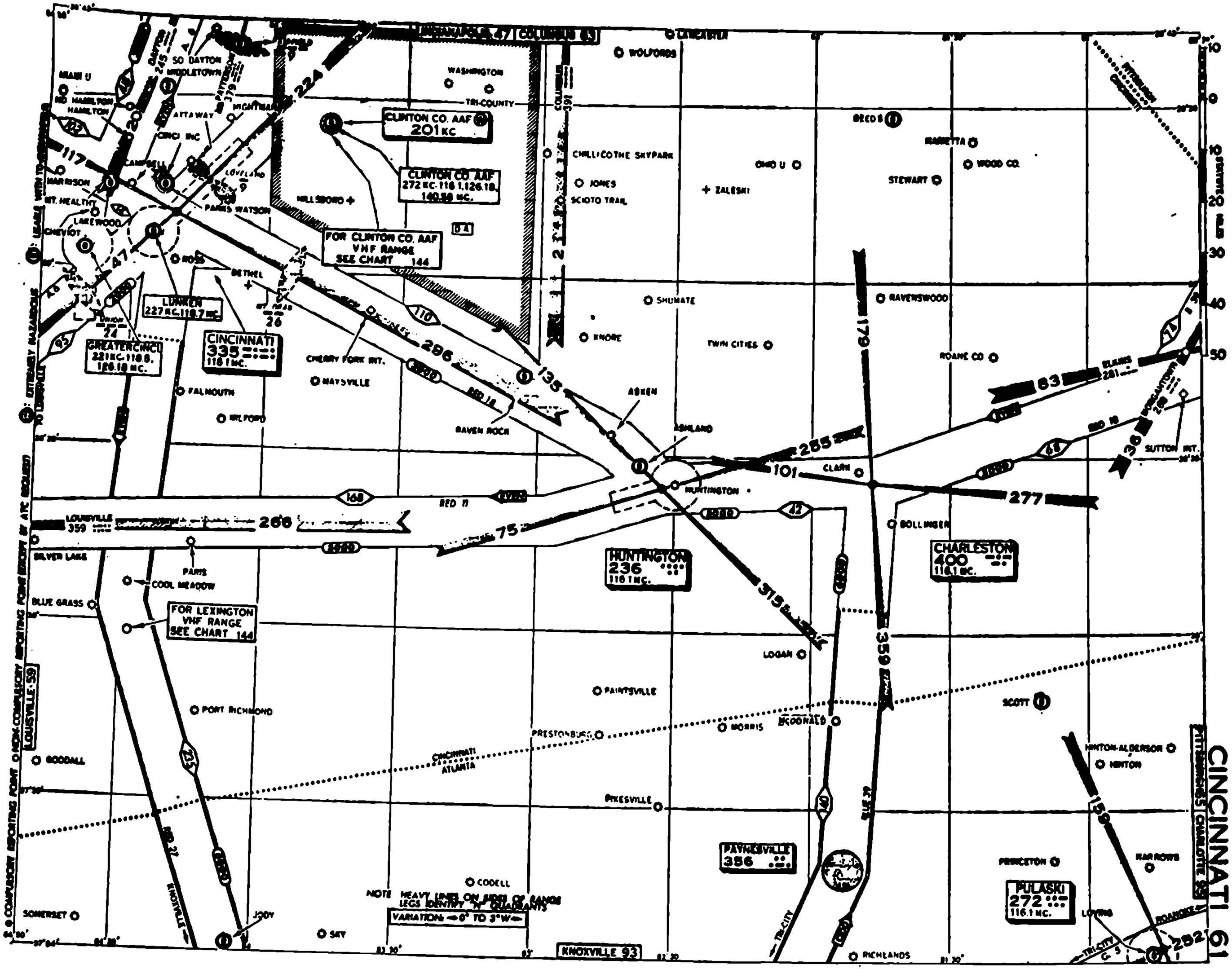
NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Pikesville (Coal Run,Ky)	0.8 ESE		22 S1	80 oct.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.
Paintsville (Ky.)	2.3 ENE;RR E	630	16 S2	80 oct.Ctn.Mtns NE,W,SW.
Port Richmond (Richmond,Ky)	4.6 E;hwy S	975	18 S1	80 oct.
Ross (Melbourne,Ky)	1.4 ESE;riv NE	475	20 S2	80 oct.P-line SE.
Prestonburg (Ky)	2.7 N;RR W	575	18 S2	80 oct.P-line S.Mtns all sides.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

8-3465-03


CINCINNATI 61
CLINTON CO. AAF
201 MC
CLINTON CO. AAF
272 MC-116 1,126.18,
140.58 MC.
FOR CLINTON CO. AAF
VHF RANGE
SEE CHART 144
LUNKEN
227 MC. 116.7 MC.
GREATER CINCI
221 MC. 116.8,
126.18 MC.
CINCINNATI
335
116.1 MC.
FOR LEXINGTON
VHF RANGE
SEE CHART 144
HUNTINGTON
236
116.1 MC.
CHARLESTON
400
116.1 MC.
PAYNESVILLE
356
PULASKI
272
116.1 MC.
NOTE HEAVY LINES ON SIDE OF RANGE
LEGS IDENTIFY "A" QUADRANTS
VARIATION 0° TO 3°W
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
ARC BOUNDARY
INDIANAPOLIS 47
COLUMBUS 13
DAYTON 245
SO DAYTON
MIDDLETOWN
MIAMITOWN
ATTAWAY
CINCI INC
LOVELAND
MARRISON
MT. HEALTHY
LAKEWOOD
CHEVIOT
PARIS WATSON
HILLSBORO
WASHINGTON
TRI-COUNTY
WOLFORDS
LANCASTER
CHILLICOTHE SKYPARK
JONES
SCIOTO TRAIL
ZALESKI
OHIO U
BEEDS
MARIETTA
WOOD CO.
STEWART
ROSS
BETHEL
SHUMATE
KNORR
TWIN CITIES
RAVENSWOOD
ROANE CO
CHERRY FORK INT.
MAYSVILLE
FALMOUTH
MT. FORD
RAVEN ROCK
ASHLAND
ASHEN
CLARK
ELKINS
SUTTON INT.
BEDFORD
SILVER LAKE
PARIS
COOL MEADOW
BLUE GRASS
LOUISVILLE 359
LOUISVILLE 59
PORT RICHMOND
GOODALL
SOMERSET
JUDY
SKY
CODELL
KNOXVILLE 93
LOGAN
PAINTSVILLE
MORRIS
MCDONALD
PRESTONBURG
CINCINNATI ATLANTA
PIKESVILLE
TRI-CITY
RICHLANDS
BOLLINGER
SCOTT
HINTON-ALDERSON
HINTON
PRINCETON
RAINROWS
LOVING
ROANOKE
CHARLOTTE 357
PITTSBURGH 5

RADIO — OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 140.58,116.1)	CA(ILS-W)(GCA)	(3); 126.18,137.7,116.1 Tr on 137.88 on req.
Clinton County (Wilmington) (Army)	201	MHW	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
→ COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,84°,1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
[redacted]			
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV.75°, 2.3	(4);116.1
PAYNESVILLE	356 (IR)	H	(6-23) Oper by PCA

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-	
					MMK-	OMK-	
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM-	--(4.29)
					MMK-	OMK-	
PORT COLUMBUS	109.5		95°	IM-	MM- ·-·-(0.65)	OM-	--(4.50)
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE;riv W	780	18 S2	80 oct. P-line N,E.
Cambridge	2 N;RR 1 W	800	27 L3 S6	80 oct.Hill,trees ESE,SSW.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N ;riv 1.5 E	800	29 S6	80,91 oct.
Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) (NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L5 S6	80,91 oct.Fld lgts prior req.P-line E,
→ Grove City	1 S, RR W	860	21 S6	80,91 oct.Trees E.Poles W. SE,SW.
Jones (Chillicothe)	7.2 SE,RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford)	2 SE;RR 1 W	670	20 S6	80 oct. No sto. P-line N,S.
Lancaster	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S2	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR 1 NW	880	24 L3 S4	80 oct.S blkd.
(P) New Philadelphia	2.5 SE;riv .5 SW	885	36 S6	80 oct. P-line &obst sur fld
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) Port Columbus - NAS (Columbus)	7 E, RR S	817	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	25 S2	80 oct.N,NE blkd.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW;riv SE	538	24 L3 S6	80,91 oct. P-line NW.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S6	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W;hwy E	1220	19	Emerg only.
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E. NE,W
Zaleski	1 SSW,RR NW	705	22	(NC)Trees,hill NE,SW blocked.
(P) Zanesville	6.2 E;hwy 1 N	902	50h R1 L5	Fld lgts prior req.

[redacted]

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) Wood Co. (Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW.riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake,Ohio)	2 WSW;riv S	560	29h R1 S6	80,91 oct.
Port Lancaster Corp. (Hooker,Ohio)	0.8 N;RR W	800	28 S1	80,91 oct.Hwy W.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.
→ McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT ON ATC REQUEST)
E: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION
10 FOR. MILE

CLEVELAND 49
CEDAR LAWN
HARROD
+VOSS
MT UNIVERSITY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391
GRIMES
OHIO STATE U
SUMMIT STA
COMMERCE
BRIGGS
SPRINGFIELD
HILLIARD
SNIDER
NEWARK
CAMBRIDGE
ZANESVILLE 263
RIVERSIDE
CRABILL
SPRINGFIELD
CLOCKENGER
GROVE CITY
PRICE
NORTON
SULLIVANT AVE
LOCKBOURNE AAB
PORT LANCASTER
LANCASTER
CROOKSVILLE
PORT COLUMBUS-IAP
WASHINGTON
TRI-COUNTY
CLINTON CO. AAF 201
CHILLICOTHE SKYPARK
CLINTON CO. AAF
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
REED'S
MARIETTA
WOOD CO
STEWART
OHIO U
JONES
MT OBAN
CHERRY FORK
SHOMATE
RAVENSWOOD
KNORE
RAVEN ROCK
OHIO W. VA.
ROANE CO.
GRAYSVILLE
OHIO RV.
ADKEN
ASHLAND
HUNTINGTON
CLARK
BOLLINGER
HUNTINGTON 236
CHARLESTON 400
LOGAN
SCOTT
McDONALD
MORRIS
PRESTONBURG
PAYNESVILLE 356
PRINCETON
CINCINNATI 61

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd.
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	(Cont.) Pittsburgh
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
→ Covington (Va)	1 E;reservoir E,	1500	18 S6	80 oct.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct.Mtns SW.Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh → (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct.
(A) Greenbrier AAF (White Sulphur Springs, W.Va) (A)	2 SW	1795	35h	
(P) Greene Co.(Waynesburg,Pa)	2.7 E	1100	30 S6	80,91 oct.Obst sur fld.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
→ Harrison City (Pa)	1.1 NW;hwy S	1200	17 S4	80 oct.S,NW blkd.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct. Rnwy data unver.
→ Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h S5	80,91 oct.
Keystone (Ebensburg, Pa)	3 SW;RR NW	2100	23 S4	87 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 ESE;hwy W	960	30 S6	73 oct. P-line N,NE.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	996	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
→ Mayer (Pittsburgh, Pa)	10 WSW;RR S	900	18 S6	80 oct. House NE,E blkd.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1256	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;reservoir N	1280	19 L1 S6	80 oct.Twr W.Trees E.
→ Pitt-Wilkins (Pitcairn,Pa)	1 SSW	1200	23 S4	80 oct. S blkd.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	2 S;RR W;riv E	765	25 S1	80 oct.Bldg S.Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct. P-line E.
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
→ Toronto (Ohio)	1.5 NW;riv E	1050	22 S1	80 oct.Trees SSE.
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE. data unver.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW Rnwy
Vandergrift (Pa)	2 WNW	1000	24 S1	80 oct.P-line NW,SE,W blkd.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE; riv 2 W	1193	50h L5 S4	80,91 oct. Lgts prior req
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK-201 - - - -(0.80)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel.Data unver.
WHEELING Range(W.VA)	108.3(W/N)		VAPW	
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt.S.Trees WSW, N,ENE
New Market-Timberv'l	3.4 E;RR E	975	21 S1	80 oct (Timberville,Va)
Luray (Va)	1.5 S;hwy W	900	19 S1	80 oct Fence NNE,SSW
Elkton (Va)	3 NW;mtn W	1100	19 S1	80,91 oct P-line SW
Culpeper (Va)	1 SW;quarry W	400	17 S6	80 oct P-line NE,SW
→ Mt Pleasant-Scottdale (Mt. Pleasant,Pa.)	2.8 S;dam NNE	1160	18 S6	80 oct.Trees SE.
→ E. Pittsburg (Pa.)	10 ESE;lake SW	1150	21 S6	80 oct.Trees NE

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page xxxx)

+ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

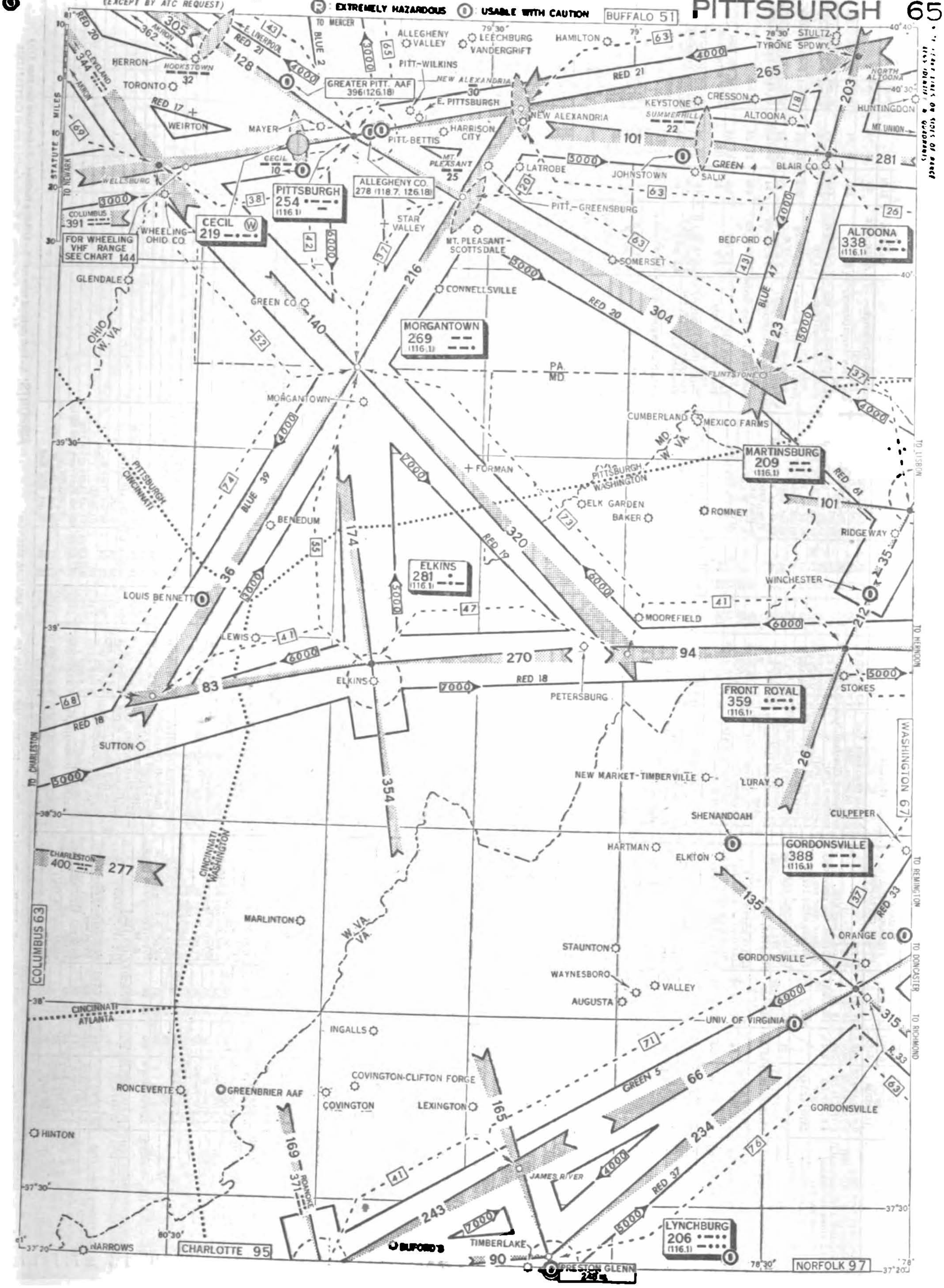
→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

BUFFALO 51

PITTSBURGH 65



FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aberdeen Arpk (Md)	0.8 SW;hwy SE	60	24 S4	80 oct.
Aldino (Churchville, Md)	2.2 NE;RR SE	400	20 S6	80 oct.
Alexandria (Pittstown,N.J)	2 WNW;lk NE	340	18 S4	80 oct. Trees ENE.
[Allentown-Bethlehem] (Allentown, Pa)	4.6 NNE;RR NW	392	40h L5 S6	80,91 oct. Use rnwys only. Fld lgts prior req.
ANNAPOLIS NAF (Seaplane) Tower (Md)	2870(142.74)		CN	3105,2870,6420; 142.74 (8-17)
Annapolis (Md)	2 S	25	18 S4	80,91 oct. P-line SSW. Twr
ARCOLA Range (Va)	233(EC)(116.1)		SRAZ-DV	(3); 116.1 SSE.
BALTIMORE Range (Md)	257(BO)(116.1)	12°,2.4	BMRLZ-DTV	(3); 116.1, 122.1
BALTIMORE Tower (Md)	278(118.9,126.18)		C	(4);118.9,122.5,126.18
(NG)[Baltimore Mun.] (Md)	6 SE;RR NE Harbor S	14	46h L5 S6	Ltd 100 oct, no maint. for NG. Rdo rqrd. Stacks N,SE
Bellanca (New Castle,Del)	1.5 W;hwy N	30	25h L3 S6	80,91 oct. No bndry lgts. P-line SW.
Berks (Reading, Pa)	4.5 NW;hwy SW	360	23 S4	80,91 oct. Hill NW.
Bethlehem-Easton (Easton, Pa)	4.5 SW;riv S	360	23 S6	80,91 oct. P-line sur fld.
Biggs (New Castle,Del)	1 NW;RR E	60	19 S6	80 oct. P-line NE.
Blackwood (N.J.)	0.5 ESE;hwy W	65	26 S4	80 oct. P-line N. N/S unable emerg.
Blue Ridge (Herndon,Va)	4 WSW;hwy NE	280	30	P-line E.
BRANDYWINE Range (Md)	379(BDW)(116.1)		SMRLZ-DV	(3); 116.1
Bridgeville (Dela)	1.7 SE;hwy S,W	40	22 S6	80 oct. P-line NW.
Buck's (Bridgeton, N.J.)	3.7 NNE;RR SE	100	20 S4	80 oct. P-line S,W.
BYRD Tower (Richmond,Va)	396(126.18,118.7)		AC (ILS-W)	(4); 122.5,118.7,126.18
(A)[Byrd](Richmond, Va)	7.3 ESE;RR S	167	50h L5 S4	73, 100 oct.
CAP (Westminster, Md)	2.6 N;hwy E	780	20 S4	80 oct. P-line E,NE.
Cargill(Granville,Pa)	1.5 SW;RR SE	490	20 S6	80 oct. Obsts sur fld
Carlisle (Pa)	1.8 WSW;RR N	480	23 S2	80 oct.
Centerville (Carlisle, Pa)	11.3 SW;RR N	660	23	Trees E, NE. (NC)
Central (Richmond, Va)	2.5 ENE;RR W	172	45 S6	80 oct. Poles WNW,SE.
Chambersburg (Pa)	1.2 SSE;RR SW	650	22 S6	80 oct. E/W strip rough.
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105, 4495; 142.74 (Va)
CHINCOTEAGUE NAAS Twr	3295 (142.74)		CN	(3); 142.74 (8-17) (Va)
(N) Chincoteague NAAS (Va)(N)	4.5 WNW;hwy S	38	60h L5 S4	100 oct.
Coatesville (Pa)	1.6 W;RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown, Pa)	3 SSW	399	40h	
Currell's (Weems, Va)	1 N;jct of rivs		17 S1	80 oct. P-line SE. Use strips only. Data unver.
DAHLGREN NAF Tower (Va)	375 (142.74)		CN	(3); 142.74 (8-16 except Sun)
(N) Dahlgren NAF Proving Grounds (Va) (N)	0.5 E	20	40h L5 S2	100 oct. CLOSED.
Davis (Gaithersburg, Md)	7.5 NNE;hwy E	640	26 S6	80,91 oct. Trees ESE.
Delmarvia (Salisbury, Md)	2.8 NE;hwy W	45	21 S6	80 oct. P-line N,E,NE.
Devener (Hanover, Pa)	2 NNE;hwy W	590	20 S6	73, 80 oct.
De Vries (Lewes, Del)	1.3 NW;bay N	10	20	
Diffendahl (Baltimore, Md)	11 ESE;riv S	20	23 S2	80 oct. Trees all appchs.
Dixie (Annapolis, Md)	10.7 W;hwy N	120	22 S4	80 oct. Hwy N,W.
Doersom (Gettysburg, Pa)	2.4 NW;RR N	590	19 S6	73 oct. Pwr line NE.
Dover Arpk (Del)	2.2 N;RR W	37	25 L S6	80,91 oct. Port flood lgts. P-line W, SW.
(A) Dover AAF (Del) (A)	4 SE;hwy E	28	70h L1	TMP INACT.
DUPONT Tower (Del)	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont (Wilmington, Del)	3 WNW;RR E	185	29 L4 S6	80,91 oct. SW blkd.
(P) Easton (Md)	2.2 N;RR E	66	40h L S4	80 oct. Port lgts.
(A) Edgewood Arsenal (Md) (A)	1.3 S	18	50h L5 S4	91,100 oct. CLOSED. No bcn
Emmaus (Pa)	0.5 NW		20 S4	80 oct. Data unver.
Estler (Mohrsville, Pa)	3.5 W;pond W	390	22 S6	Ltd 80 oct. Trees W.
Faybrook (Rock Hall, Md)	1.5 NNW;bay W	20	14 S1	80 oct. Trees WNW,NNE.
Fogelsville (Pa)	0.7 E;RR SE	460	22 S4	80 oct. P-line SW ESE.
Frederick City (Frederick)	1.8 E;riv E,N	305	49	(Md)
Gettysburg (Pa)	2.8 NNW	600	24 S3	80 oct. RR SW.
Gill (Chestertown, Md)	1.5 NNE;RR W	60	32 S2	80 oct. P-lines W,SW,NW blkd
Glenburnie-Whipp (Md)	1 E;hwy W	56	30 S6	80 oct. P-lines sur fld.
Greenwich (N.J.)	2.5 W;riv SW	30	21 S6	80 oct. Trees N.
Grimes (Bethel, Pa)	1.7 ENE;hwy S	582	29 S6	80,91 oct. Mtn NE.
Hagerstown (Md)	4.2 N;hwy E	700	39h L3 S6	80,91 oct. Lgts on req.
Harcum (Va) (NC)	0.2 NW	85	40	Poles. Rnwy data unver.
Harrington (Del)	1.5 E;RR 1 S	50	27 S1	80 oct. P-lines SE,SW,W.
Hermitage (Richmond,Va)	3.2 NNW;RR W	200	20 S6	80 oct. Trees, poles WNW, E, W.
HARRISBURG Range (Pa)	242 (HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower (Pa)	278(118.7)		AC	(4); 118.7, 122.5
(N)[Harrisburg State] (Pa)	3.5 S;RR N	344	40h L5 S4	80,91 oct. Svcg days NATS.
Hershey (Pa)	1.1 NNW;RR S	415	21 S2	80, 91 oct.
Hickman (Ocean City, Md)	7.5 NW;riv S	15	25 S4	80,91 oct. Flares on req.
Holly Brook (Laurel, Del)	1.5 N;RR,hwy W	40	25 S1	80 oct.
Hummel (Greys Point,Va)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson (Ononcock,Va)	1 ESE;RR E	35	22 S1	80 oct.
Kellam (Weirwood, Va)	0.3 SW;RR E	15	21 S4	80 oct. Trees NW
Kent (Worton, Md)	1 N; RR S	60	23 S2	80 oct.
Kroelinger (Vineland, N.J.)	2.5 NNW;RR E	100	16 S6	80 oct. P-line S, E.
Kutztown (Pa)	1.5 S;RR SE	400	25 S4	73 oct.
Lancaster (Pa)	1.5 NNW;RR SW	320	26 S6	73,80 oct. Pwr line W.
Lancaster,35,CO-PG (Pa)	5.5 N;hwy W	385	27h L4 S4	80 oct. Poles S, WSW.
Laurel (Dela)	1.5 SW;hwy E	30	19 S2	80,91 oct. P-line SE.
Layfield (New Hanover, Pa)	2 NE;hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct. (Pa)
Lee Annapolis (Annapolis, Md)	4.8 WSW;hwy E	30	28 S1	73,91 oct. P-line ESE Rnwy data unver.
Leesburg Arpk. (Va)	0.7 ESE;hwy S	280	20	P-lines NE.
Lewistown (Pa)	4 SW;riv SE	560	20 S6	80 oct. P-line NW.
Lively Int,6,NW-WA (Va)	3.4 WSW;riv W	15	34 L3	35' trees, bldgs NW
Lovett (Elkton, Md)	3.1 NNE;RR 1 SE	140	22 S4	80 oct
Madeira (Reading, Pa)	3.2 N;RR W	360	20 L S6	80 oct. Port flood lgts.
Manassas (Va)	2.7 NW;RR S	250	22 S6	80 oct. Obst sur fld.
MARTIN Tower (Md)	317		CI	(4) (8-sunset, Mon.-Fri)
Martin (Baltimore, Md)	10 E;RR N	18	70h	PRIVATE
(P) Martinsburg (W.Va)	4 S;hwy W	550	50h L5 S6	80, 91, 100 oct. No flood
Mattaponi Sky Club(Croom)	1.6 SE;hwy 1 W	30	31 S1	80 oct. (Md) lgts.
(P) Melfa Flight Strip (Va)	1.3 W	48	70h	
Midway (Showell, Md)	1.1 SE;hwys W,S	20	30 L S4	80 oct. P-line SSW. Flare pots on req.
Midway (Chester, Va)	2 E;hwy S	178	26 S6	80 oct. P-line W.
Millard (Annville, Pa)	1.5 SW	480	18h S5	80, 91 oct.
MILLVILLE Range (N.J.)	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville (N.J.)	3.3 SW;lk N	68	50h L5 S6	80,91 oct. Flood lgts on req.
(P) Mount Union (Pa)	4 S;hwy E	560	30 S4	80, 91 oct.
MT. VERNON H Fac. (Va)	269 (W)	209°,8.2	FMHW	(Cont.) Washington, D.C.
NEW CASTLE Range (Del)	350 (NC)	19°,2.8	MRLZ	Replies on tower freq. except on req.
NEW CASTLE Tower (Del)	219 (118.5, 126.18)		CI	(4); 118.5, 122.5, 126.18
(NG) New Castle County (Wilmington, Del)	4.8 SW;hwy SE	75	70h L5 S6	80,91 oct.;73,100 oct. NG. Emerg. rprs mil. acft
New Hanover (Pa)	0.5 W;hwy SE	300	18 S2	80 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct. P-line S. (W.Va)
Northfield (Richmond,Va)	6.5 N;riv NE	180	18 S4	80 oct.
OLMSTED Tower (Pa)	396 (126.18)+		CA -45.05	(4); 126.18
(A) Olmsted (Middletown,Pa) (A)	1 W;RR N	300	50h L5 S6	62-100 oct. JP-1. Poles NE,N. Riv S.
Paoli-Malvern Arpk (Malvern, Pa)	1.3 SSE	460	24 S4	80 oct. Trees NE,SE,SW.
Parksley (Va)	0.6 WNW	25	18 S4	80 oct.
Parnell (Richmond, Va)	4 S;RR E,W	120	19 S6	80,91 oct. P-line NW.
PATUXENT RIVER Navy Range (Md)	215(NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER NAS Tower (Md)	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent River NAS (Md)	2.9 NE Jarboes	38	97h (L6) S4	91,100 oct. JP-1. NATS. (N)
Penn-Harris(Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct. Flood lgts (Pa)
Penns Grove (N.J.)	3 SE;lk ENE	10	23 S4	80 oct. Obsts sur fld.
PHILADELPHIA Range (Southwest) (Pa)	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli, Pa)	2.8 WNW;hwy S	310	21 S4	No fuel. P-line ESE.
PHILLIPS Tower (Md)	215 (126.18)		CA	(3);126.18 (8-18, Mon.-Fri) (8-1630, Sat., and Sun.)
(A) Phillips (Aberdeen,Md)(A)	3.2 S,RR W	57	50h L5 S1	73,100 oct. CLOSED.
Phoenixville (Pa)	3 NE	300	24 S4	Data unver.
Pimlico (Baltimore,Md)	6 NW;hwy SW	449	32 S6	80, 91 oct.
(N) Piney Point (Md)	0.8 WNW	10	14h	Use rnwys only
Pottstown (Pa)	4.5 E;hwy N	311	30 S6	80 oct. Bldg NW.
QUANTICO Navy Range (Va)	203 (NYG)	20°,4.6	MRLZ	3105,4495 (MCAS)
(A)[Reading] (Pa)	3 NW;riv E	342	52h L6 S6	80,91 oct. Ltd maint, 100 oct Army B-2 lgts prior req.
Rehoboth Aircrafters (Rehoboth Beach,Dela)	2.5 W;hwy N	10	35 L S6	80,91 oct. Port lgts on req. P-lines WNW,E,W.
Red Lion (St.Georges,Del)	3.2 N;hwy W	50	19 S4	80 oct.
Reigel (Campbelltown,Pa)	1 N;hwy N	475	20 S4	80 oct.
Reynolds (Culpeper, Va)	4 NNE;rd W	470	19 S4	80 oct. Trees NNE,SSW
RICHMOND Range (Byrd)	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1 (Va)
Rock Hall (Md)	2.4 NNE,hwy W	30	30 S4	80 oct.
Rutherford (Baltimore,Md)	7 W;RR W	500	23 S6	80 oct. Twr N.
Salem (N.J.)	2 ESE;rd S	15	22	CLOSED.
Salisbury (Md)	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Schuylkill (Pottsville,Pa)	8.3 ESE;lk SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E, NE, SW.
Seabrook (Bridgeton,N.J.)	4.5 NE;RR W	110	24 S1	80 oct. P-line W, WSW.
Shady Side (Md) (NC)	1.8 SSW	10	15 S4	80 oct. SSW blkd
Shannon (Fredericksburg, Va)	1.6 SSE;riv E	50	23 S6	80 oct.
Sky View Acres (Muncy, Pa)	1 E	510	24 S4	Data unver.
Stevens (Frederick, Md)	5.8 N;hwy E	440	28 S6	80 oct. NE blkd.
Stowe-Pottstown (Pottstown, Pa)	1.7 NW	245	26 S6	80 oct. P-line S.
Sunset Airways (Chambersburg, Pa)	3.5 NNE;rd E,S	650	25 S1	80 oct. P-line E,NNW.
Sussex (Frankford,Del)	1.5 N;hwy W	30	20 S4	80 oct. Port flares on req.
(P) Sussex Co.(Georgetown, Del)	1.5 E;RR NW	51	50h L5 S1	80,91 oct. Lgts prior req.
Swatara Valley (Pine Grove, Pa)	4 WSW;RR N	480	21 S4	80 oct.
Taneytown (Md)	2.9 WNW	500	23 S4	80 oct. SW blkd.
Tappahannock Flight Strip (Va)	0.8 W	30	40h	8000' strip avail.
Taylor (New Kingston,Pa)	0.5 SE;hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York, Pa)	3 ENE;RR N	420	21 S6	80 oct. Poles SSE,NNW.
Vineland (N.J.)	4.3 SSW;RR 1 E	65	24 S6	80 oct. P-line E. Use center of strips.
WASHINGTON Range (D.C.)	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Waynesboro (Pa)	3 SE;hwy N	700	20h S6	80 oct.
Waynesboro (Va)	3 W;hwy N	1500	26 S1	80 oct. Trees WSW.
Webb (Easton, Md)	2.5 E	50	26 S6	80 oct. P-line S,SE.
WEBSTER Tower (Md)	3345 (142.74)		CN	3105;142.74 (24 hrs. advance notice)
(N) Webster (Beachville,Md) (N)	0.8 WSW;riv N, W	21	50h	Trees ENE.
West Chester (Pa)	2.5 NE;lk S	470	32 S4	80 oct.
(P) West Point (Va)	2.3 ESE	24	50h S4	80,91 oct. Riv SSW.
Woodstown (N.J.)	3 NW;hwy N	100	22 S4	80 oct. Hedge SSE.
Womelsdorf (Pa)	3 NW;hwy E	540	13 S1	73 oct.
York (Pa)	8.3 WSW;RR E	500	19 L S6	73,80 oct. Flood lgts. Pole N
Zieger (Warrenton, Va)	3.7 S,hwy NE	440	20 S4	80 oct. Hill W, NW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC	LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
BYRD	109.9				MM-	OM-
					MMK-	OMK-
					MM-	OM-
					MMK-	OMK-
					MM-	OM-

NEW FACILITIES

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 127.55, 149.55 mcs.
A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

WASHINGTON 67

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SYRACUSE 53
HARRISBURG 242 (116.1)
MT. UNION
CARLISLE 18
HARRISBURG STATE 278 KC 118.7 MC
OLMSTED AAF 396 (126.18)
NEW CASTLE CO. 219KC. 118.5, 126.18MC.
DU PONT 388
ALLENTOWN 320
SCHUYKILL
ALLENTOWN-BETHLEHEM
FOGELSVILLE
ESTLER
KUTZTOWN
SWATARA VALLEY
GRIMES
BERKS
CONVAIR
EMMAUS
BETHLEHEM-EASTON
ALEXANDRIA
PENN-HARRIS
WOMELSDORF
LEBANON CO
HERSHEY
MILLARD
REIGEL
MIDDLETOWN
LAYFIELD
MADEIRA
NEW HANOVER
READING
STOWE-POTTSTOWN
POTTSTOWN
LANCASTER MUN.
PHOENIXVILLE
MAIN LINE
PAOLI-MALVERN
COATESVILLE
W.CHESTER
LANCASTER
VALLEY
TAYLOR
FOR DETAILS IN THIS AREA SEE CHART 69
SUNSET AWYS
CHAMBERSBURG
YORK
SEVEN VALLEYS
GETTYSBURG
DOERSOM
DEVENER
WAYNESBORO PA.
HAGERSTOWN
MD.
TANEYTOWN
NEW FREEDOM
NORTH END
C.A.P. BASE NO. 332
MARTINSBURG
STEVENS
FREDERICK CITY Ⓡ
MARTINSBURG 209
LISBON
DAVIS
LEESBURG
RELAY
N. BALTIMORE
PIMLICO
RUTHERFORD
BELTSVILLE
GLENBURNIE-WHIPP
HERNDON
BLUE RIDGE
FRONT ROYAL 359
ARCOLA 233 (116.1)
ALEXANDRIA
MANASSAS
WASHINGTON 332 (116.1)
MT. VERNON
ZIEGER
REMINGTON
REYNOLDS
MCAS. QUANTICO 203
GORDONSVILLE 388
SHANNON
MT. VERNON (W) 269
DONCASTER
BRANDYWINE 379 (116.1)
NAF. DAHLGREN 375 (142.74)
BYRD 396 (118.7, 126.18)
RICHMOND 260 (116.1)
DAWN
TAPPAHANNOCK
NORTHFIELD
HERMITAGE
CENTRAL
BLACKSTONE 371
RAWLINGS
CHESTER
PARNELL
MIDWAY
WEST POINT
TO NORFOLK
TO GORDONSVILLE
TO NAS, NORFOLK
NORFOLK 97
SWATARA VALLEY
ALDINO
ABERDEEN
PHILLIPS AAF 215 (126.18)
DIFFENDAHL
EDGEWOOD ARSENAL AAF
MARTIN 317
KENT
BALTIMORE 278 (118.9, 126.18)
BALTIMORE 257 (116.1)
GILL
ROCK HALL
FAYBROOK
NEW CASTLE 350
ANNAPOLIS
NAF. ANNAPOLIS 2870 (142.74)
EASTON
WEBB
LEE ANNAPOLIS
NAS. PATUXENT RIVER 215
NAS. PATUXENT RIVER 347 (142.74)
MEEKINS NECK
WEBSTER
PINEY POINT
LIVELY
CURRELL'S
HUMMEL
LANGLEY AAF 221
KELLAM
NORFOLK 239
NAS, PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
PHILADELPHIA 266 (116.1)
BIGGS
WOODSTOWN
BELLANCA
LOVETT
PENNS GROVE
BOOTHWYN
PILOT'S HAVEN
RED LION
SEA BROOK
BUCKS
VINELAND
GREENWICH
SMYRNA
MILLVILLE 365 (116.1)
KROELINGER
SHALLCROSS
HARTLY
DOVER AAF
SUNGLO
DOVER AIR PARK
CENTERVILLE
HARRINGTON
DE VRIES
BRIDGEVILLE
REHOBOTH
SUSSEX CO.
HOLLY BROOK
LAUREL
SUSSEX
HICKMAN
DELMARVIA
MIDWAY
SALISBURY
NAAS, CHINCOTEAGUE 227
POCOMOKE
NAAS, CHINCOTEAGUE 3295 KC. 142.74 MC.
PARKSLEY
JOHNSON
MELFA
D.A.
PITTSBURGH 65
NEW YORK 71
PHILA NORTHEAST 371
TO MT. HOLLY
TO STATUTE MILES

RADIO

DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5, 118.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)

MARYLAND

ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . . - - -)	209°,24.7	FM	Washington, D.C.

PENNSYLVANIA

BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142,74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C (ILS-W)	(4); 118.1
Philadelphia NE Range	371 (NF)	238°,2.8	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.35	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)

VIRGINIA

ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FMHW	(Cont.) Washington,D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74

NEW RADIO FACILITIES

BRANDYWINE Range (Md.)	379(BDW)(116.1)		SMRLZ-DV	(3);116.1

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path) in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMK-379	OMK
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.66)
					MMK-	OMK-230
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM-	OM- (3.60)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	8	50h R1 L5 S4	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument;riv W	20	60h R1 L5 S6	73,100 oct;100 oct JP-1.E blkd
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. Rdo reqr. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S4	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	44h	
Capital (Berwyn)	2 NW; RR E	70	20	NOT MAINTAINED.
College Park	8.5 NE of D.C.	50	22 S6	80,91 oct.S,NW blkd,RR NW
Columbia Air Ctr. (Croom)	3 E; RR W	40	20	Trees N, NNW.
Congressional (Rockville)	2 SSE; hwy E	450	33 S6	80 oct. Pole line E, NE. Allway fld.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S2	80 oct.Closed. 2800' rnwy avail
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	19h S1	80 oct.

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h L S6	80, 91 oct. Port flood lgts on req.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. SSE blkd.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct. NE blkd.P-line SE.
Schrom (Greenbelt)	0.3 SW; hwy W	177	50h L S6	80,91 oct.Floodlgts on req SSE-blkd.

NEW JERSEY

→	Almonesson (Blackwood)	0.5 N;RR E	50	21 S6	80 oct.Obst sur fld.
	Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
	Burlington Airpark	1.7 ENE;hwy NNW	30	24 S4	80,91 oct. P-line E,SSE,NNW
	Central (Camden)	1.8 E;riv S,W	20	25h L4 S5	80,91 oct.
	Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
	Marlton-Medford Inc. (Marlton)	1.5 ENE	80	30 S2	80 oct.
	Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
	Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
	Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto.Obsts sur fld.
	Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct, Port rnwy lgts on req.
→	Pitman	1.6 NNW;RR E	100	19 S6	80 oct. P-line SE,SSW.
	Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

	Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
	Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
	Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
	Budd (Philadelphia)	13 NE;RR N	240	44h	Trees E,W.
	Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
	Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
	Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N)	Johnsville (N)	0.5 N;RR E	366	46h R1 S1	91,100 oct, P-line W,NW.
	Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
	Lansdale	1.6 ESE	450	29 S6	80,91 oct. P-line N,NE,E,S,W.
	Morrisville	1.6 W; riv E	180	24 S6	80 oct.P-line NE,E,SE,SW,W,NW.
(N)	Mustin NAAS (Philadelphia) (N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Obst sur fld.
→	Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
	Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
	Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. P-line N,NE,E,SE.
(P)	Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 ,100 oct.No flood lgts.
	PHILADELPHIA SOUTHWEST	6.5 SW;riv SW	10	54h R3 L6 S6	82,91 oct. Rdo rec rqrd.
	Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
	Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
	Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N)	Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
	Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

VIRGINIA

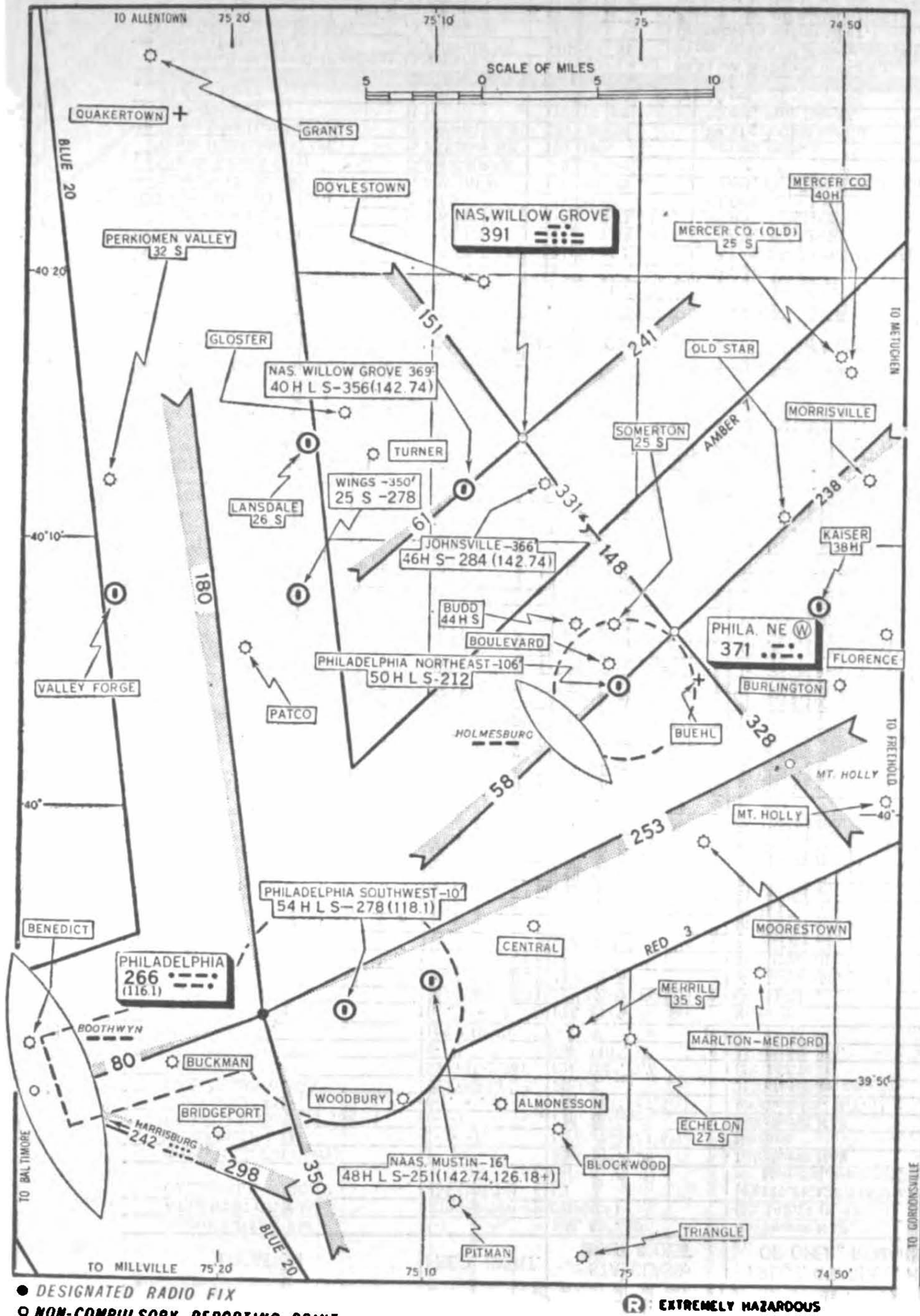
	Beacon (Alexandria)	3 SSW;hwy E	246	27 L4 S6	80,91 oct. P-line SE,S,SW,NW blkd.
→	Crossroads (Alexandria)	4.5 NW;hwy NE	250	20 S1	Ltd 80 oct. No bndry,no obst.
→	Falls Church	2 SW;hwy N	350	25 S4	80 oct.E,W blkd.
	Hybla Valley (Alexandria)	See Alexandria under "New Airports"- name changed.			
(N)	Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
	Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

NEW AIRPORTS

	Woodbury (N.J.)	1.8 SSW;RR N	50	21 S4	80 oct.
	Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct.Trees,pole lines surfield.
	Turner (Florence,N.J.)	4.2 ESE	375	19 S6	80 oct.
	Worth (Florence,N.J.)	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S.
	Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strips only.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

PHILADELPHIA AREA



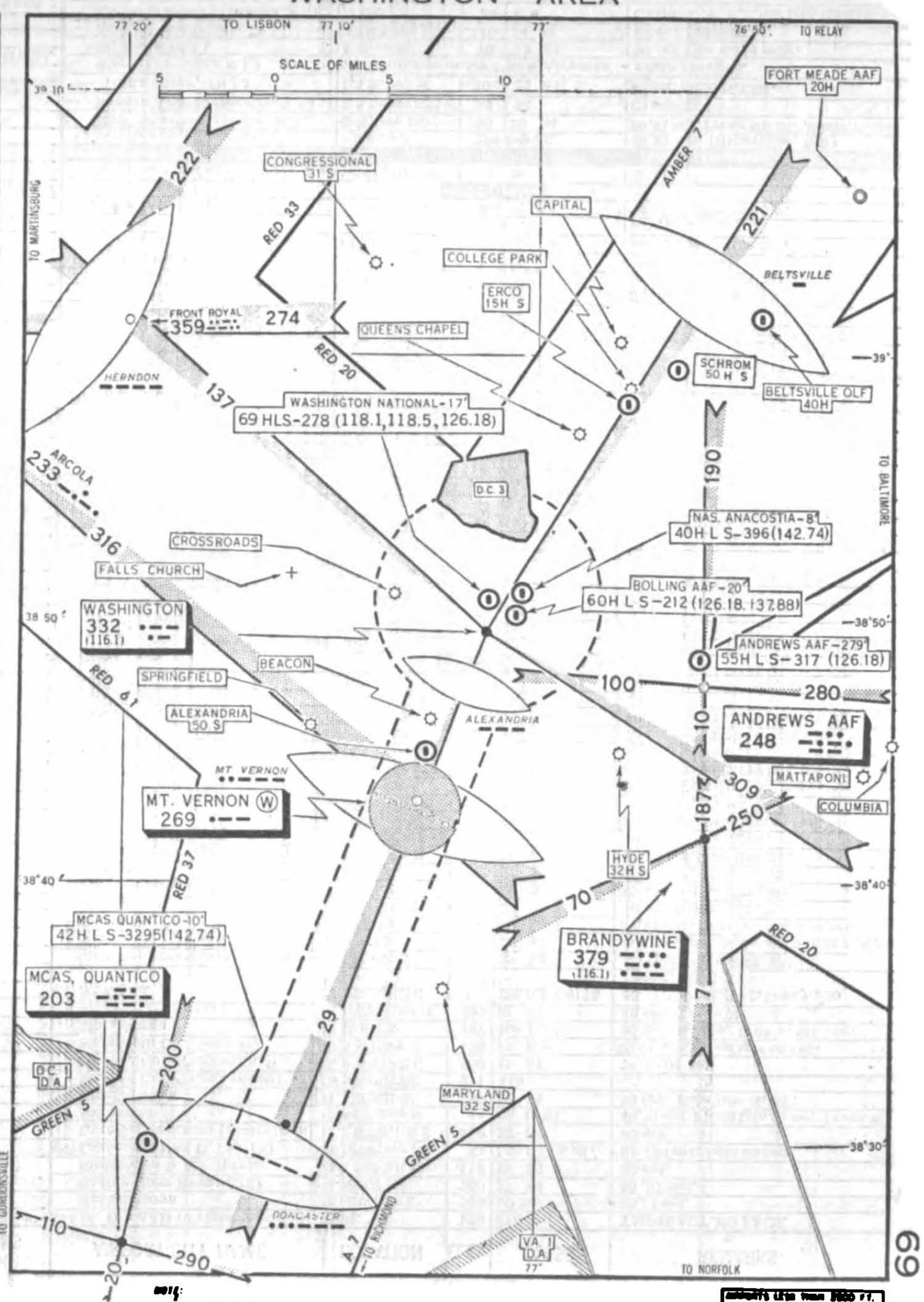
● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ EXTREMELY HAZARDOUS

Ⓞ USABLE WITH CAUTION

WASHINGTON AREA



NOTE:
DEAVE LINES ON SIDES OF RANGE LEGS IDENTIFY 8 GUIDANCE

AIRCRAFT LESS THAN 8000 FT. IN LENGTH, HAVING UNPRESSURIZED PROPELLERS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BDI

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW JERSEY			
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3); 142.74 (8-sunset)
CALDWELL-WRIGHT	254 (126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	276(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5,
NEW YORK			
CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMHW;222°,16.1	(Cont.) La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS	532(NSC)	MHW; 122°,0.15	(8-17 on req.) (Floyd Bennett)
GRUMMAN (Bethpage,L.I.)	323	CI	(8-1630,Mon.-Fri.)
IDLEWILD	248 (NY)	SMRLW, 72°,2.8	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18, 118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMHW;42°,5.6	(Cont.) La Guardia
PORT CHESTER FM	(- - -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett
PENNSYLVANIA			
PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.8	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LA GUARDIA	109.9	333.8	44°	IM-	MM- ·—·— (0.81)	OM- —·(4.49)	
					MMK-233 ——·	OMK 317 —·—	
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ····· (0.87)	OM- —·(4.14)	
					MMK-257 ——	OMK-272 —·—	
NEWARK (L6)	110.3	335	58°	IM-	MM- ·—·— (0.61)	OM- —— (4.04)	
					MMK-201 ·—·—	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Acft.Radio Corporation(Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE
Asbury Park Inc (N.J.)	3.3 NW;hwy SE	60	22 S6	80 oct.P-line NW.Trees SE.
Asbury Park Air Terminal	4.5 W;rd N	100	24 S	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	80,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N	100	20 S6	80 oct. Pole line NNE,Trees WNW
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	Emerg only.
Downstown (Landisville)	1.8 WNW;RR S	120	25 S6	80,91 oct,Obst sur fld.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.
NEW FACILITIES				
Trenton-Robbinsville(Robbinsv')	1 ESE;rd N	115	40 L4 S6	80,91 oct.No bcn.N blkd.(N.J)
Brown (Pittstown,N.J.)	1.5 SW;RR NE	540	40 S1	80 oct. PRIVATE.Emerg only.S,N blkd.
Mahalchik (Columbus,N.J)	2.8 S;hwy W	60	20	Unusable in wet weather.
Mid-Jersey(New Brunswick,N.J)	3 WSW;hwy SE	120	18	Emerg. use only. P-line SE.
Forsgate Arpk(Jamesburg,N.J)	1.6 SW;RR E	150	24 S6	80,91 oct.P-line N,NE,SW.Twr N end

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 111) NC-(not charted).

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;riv E	560	30 S4	80,91 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80 ,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	98h R2 L5 S6	91,100 oct. Lgts on req.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.8 SE;hwy N	32	26 L S4	80,91 oct.Flood lgts on req.Trees W.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	41h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;hwy E	180	35 L S6	80,91 oct.Flood lgts on req.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct.JP-1.2-way rdo rqrd. FEE
North Brunswick(New Brunswick)	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.6 W;RR S	380	77 S4	80 oct,Poles N,S. P-line N,WSW.
Ocean Co. (Brenton Wood)	1.5 SE;crk S	18	24 L S6	80,91 oct. Port flood lgts on req.
Pennington	2 ESE;hwy S,E	230	24 S4	80 oct.P-line ESE,SSE.
Princeton(Rocky Hill)	1 W riv E	160	19 S1	80 oct,P-line ENE,SSE.
Red Bank	1 S;hwy E	80	26 S6	80,91 oct. P-line W,S,N.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;hwy NW	20	19 S2	80 oct,P-line E,NW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	45 L S6	80,91 oct. Port lgts on req.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;hwy NW	70	15 S1	80 oct,P-line W.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct. Restricted to USFS.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h S6	80 oct.
(P) Woodbine	2 SE	39	36h L1 S6	80,91 oct. Bcn on req.
NEW YORK				
Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct,Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 L5 S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	57h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1L6 S1	NE blckd.Closed ngts.trans,PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S;rd W	40	22 S4	80 oct. Pole line SW.
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.
PENNSYLVANIA				
Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.
NEW AIRPORTS				
Aviation Country Club	2 S;hwy S	104	24 S6	80,91 oct. (Hicksville, N,Y)
New Sayville (Sayville, N.Y.	2 N;hwy 1 S	50	30 S4	80,91 oct.Trees NE,SW,WNW.P-line NE.
Nassau Arpk (Princeton,N.J.)	2.5 S;hwy SE	80	30	CLOSED.
Toms River, (N.J.)	1.3 N;hwy W	70	21 S1	80 oct.Bush N,ESE.
Worth (Florence,N.J.)	See Florence under "New Airports" - name changed.			
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	47h	CLOSED.W,E,S,NW less than 10-1
Star Harbor(Williamst'n,N.J)	0.8 N;hwy SE,NW	150	18 S1	80 oct.P-line ENE,SSW,WSW.
Florence,N.J.	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R : EXTREMELY HAZARDOUS O : USABLE WITH CAUTION

LAKE SUSQUEHANNA
TRINCA
TO BRANCHVILLE
ALLENTOWN 320
240
RED 33
5000
RED 23
36
50
LINCOLN PARK
AIRCRAFT RADIO CORP.
MURCHIO
NEW HACKENSACK 236
28
129
3000
45
4000
PATTERSON
NEW ROCHELLE (W) 275
238
222
STEWART 335
10
TO HARTFORD
80
BRIDGEPORT 221
ALBANY 55
2000
PORT CHESTER 16
12
14
RED 23
CALDWELL-WRIGHT 254 KC 126.18 MC
TETERBORO 326 KC
15
YONKERS
NEW ROCHELLE 6
LITTLE FERRY
GLENCOVE
273
HUNTINGTON
ST. JAMES
SALEM
64
ALBANY 55
TO BELFAST
58
HACKETTSTOWN
E. HANOVER
LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC
121
LA GUARDIA 209 (116.1)
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 323 KC
248
CARLL
MASTIC
MORRISTOWN
RED 21
4000
NEWARK 341 (116.1)
NEWARK 278 KC 118.3, 126.18 MC
14
HOLMES 233
MACARTHUR 278 KC
NEW SAYVILLE
SYRACUSE 53
109
MASPETH 317
FLUSHING
GREAT NECK
ROOSEVELT
217
222
REPUBLIC 371 KC
ZAHNS
FITZMAURICE
MITCHEL AAF 396 KC 126.18 MC
23
LEBANON 32
SOMERSET HILLS
WESTFIELD
ELIZABETH
FLATBUSH 16
122
132
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
301
NW JERSEY
SHINN-WOODBRIDGE
SOMERSET
FLATBUSH (W) 353
ROCKAWAY
NEW YORK
ALLENTOWN 320
GENERAL MOTORS
CONEY ISLAND
ROCKAWAY 5
312
BROWN
290
SOLBERG-HUNTERDON
HUGHES
42
MITCHEL
HADLEY
STATEN IS.
317
LONG BEACH
3000
GREEN 3
FLOYD BENNETT 379
RITS PARK
302
22
40°30'
57
NAS. FLOYD BENNETT (W) 532
AMBROSE
WASHINGTON 67
MID-JERSEY
METUCHEN 13
PRINCETON
4000
NO. BRUNSWICK
29
FOR MATAWAN VHF RANGE SEE CHART 144
39
42
NAS. FLOYD BENNETT 388 KC 142.74 MC
44
PENNINGTON
44
RED BANK
22
MERCER CO.
FORSGATE
AMBER 7
58
MERCER CO. (OLD)
NASSAU
FREEHOLD 48
238
ASBURY PARK INC.
GREEN 5
HIGHTSTOWN
TRENTON-ROBBINSVILLE
ASBURY PARK AIR TERM.
37
MORRISVILLE
OLD STAR
SKYHAVEN
BLUE 18
MONMOUTH CO.
14
PHILA. NE(W) 371
ASBURY PARK 20
242
KAISER
FLORENCE
253
BURLINGTON
BUEHL
CA
LAKEWOOD
RED 3
3000
MAHALCHIK
CASSVILLE 3
OCEAN CO
PHILADELPHIA 266
MT. HOLLY
MT. HOLLY
FORT DIX AAB
NAS. LAKEHURST 3295 KC 142.74 MC
FORKED RIVER
MOORESTOWN
34
TOMS RIVER
NAS. LAKEHURST 520
72
328
337
243
26
MILLVILLE 365
67
15
FORKED RIVER

EXTENSIVE FLEET AIR OPERATIONS IN OFF-SHORE AREA TO APPROX 100 MI SEAWARD. N. BOUND U.S.-CANADIAN BORDER. S. BOUND LAT 35-00

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST, ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

ATLANTIC OCEAN

STATUTE MILES 15 10 5 0 10

SOUTHERN NEW JERSEY

STAR HARBOR
GREEN 5
MITCHEL
N. Y. OCEANIC ATC
WASH. OCEANIC ATC
MILLVILLE 365
243
CA
NAS. ATLANTIC CITY 275 KC 142.74 MC
DOWNSTOWN
CAVOLI'S
DA
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CGAS CAPE MAY
SCALE OF MILES
10 0 10 20 30

NEW YORK 71

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,4.7	(3);4220,126.18
Fairfield-Suisun AAF (Army)	350(126.18)	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ;160°,2.1	
Hamilton Field	219 (126.18)+	CA◆ :53,13	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266(SB)(vhf)	BMRL-DTV; 310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV,291°,3.6	(3);122.1
→ SANTA ROSA NAAS			DECOMMISSIONED
→ SAUSALITO FM			DECOMMISSIONED
STOCKTON	212(JW)(vhf)	BMRL-DTV;285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)					
→ FAIRFIELD-SUISUN(L6)(A)	110.3 ▪▪▪	335	210°	IM-	(0.3)	MM-	(1.13)	OM-	
						MMK-		OMK-	
				IM-		MM-		OM-	
						MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

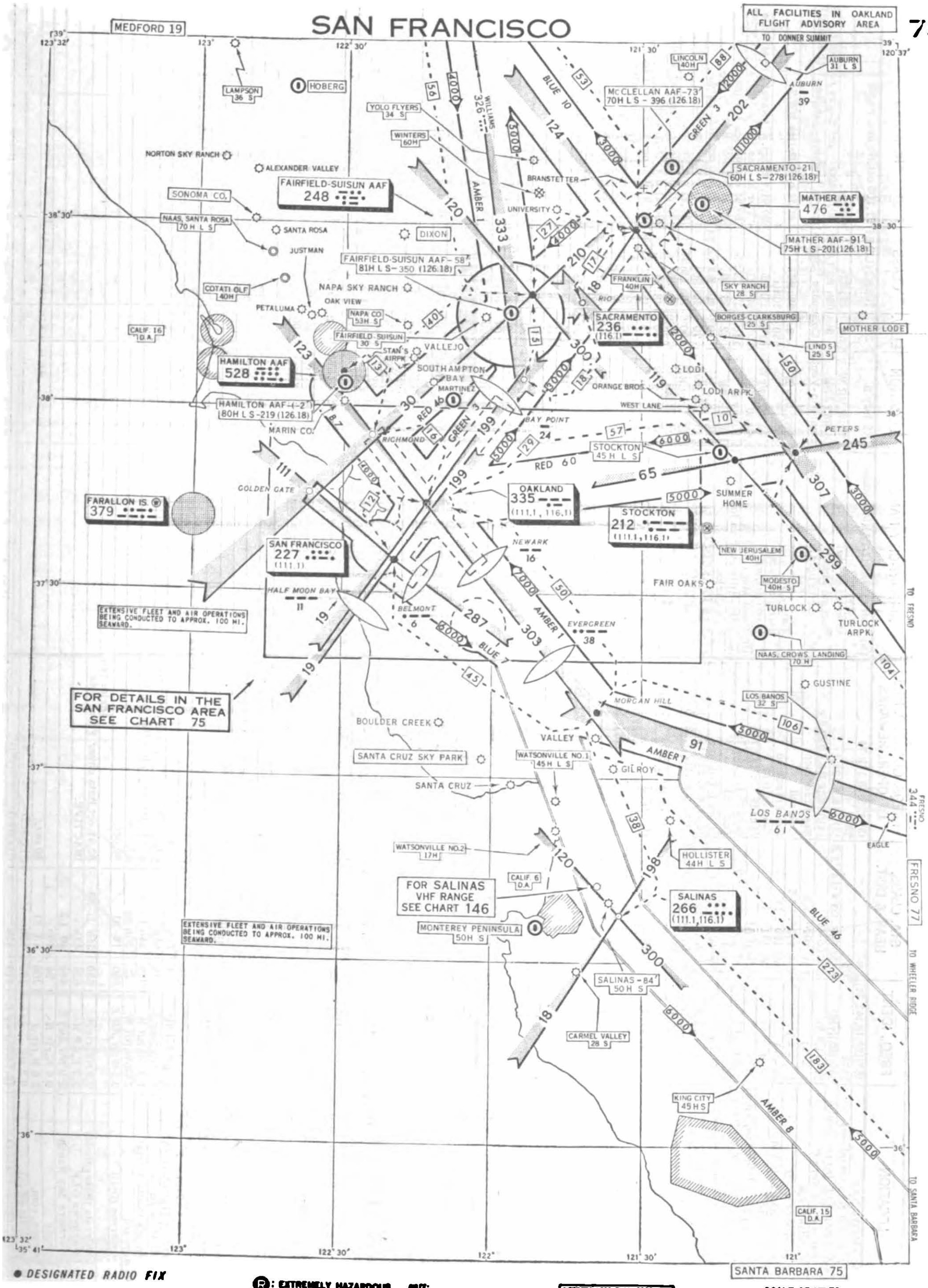
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15	Trees S.
→ American Legion(Salinas)	1.8 NNW			ABANDONED
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg	2.4 NNE,riv SE	15	27 S6	80 oct.E,SSE blkd.(Clarksburg)
Boulder Creek	3 NW;rd W	810	29 S1	80oct.Lgt planes&exper.pilots only.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver. Sur by mtns.
↘ Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	39h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.
Fairfield-Suisun	1 E,RR N	7	35 S6	80 oct.N,S,W,NW,SW blkd.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
→ Justman (Petaluma)	1.5 ENE,RR SW	25	17 L S2	80 oct.No sto.Flare pots prior req
→ King City	1.5 NNE,RR W	370	45h L S6	80,91 oct. Obst lgts on req.
(P) Kingsbury (Lodi)	See Lodi under "New Airports" name changed.			
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(P) Lincoln	3.6 WNW;hwy S	120	40h S4	80 oct.
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.Poles E.
Lodi Airpark	4.5 SW;hwy E	25	28 S6	80 oct. P-line E.No sto.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
→ Martinez	0.8 N,RR S	6	20 S6	80,91 oct.Hill W.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	91	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. Lgts prior req. TEMP INACT
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L5 S6	80,91 oct.Lgts prior req NO NAVY
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S. FAC.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8.5 ESE	56	40h	River E. CLOSED prior req.
↗ Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	25 S1	80 oct.Pole line WNW.ENE
Orange Bros. (Stockton)	5 N; RR E	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
→ Petaluma	1.7 N,RR E,W	30	18 S6	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct.
(P) Salinas	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
→ Santa Cruz	4.8 E;RR S	96	26 S6	80,91 oct.Trees NW,SW.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S6	80,91 oct.Port rnwy lgts. NE,S,SW blkd.
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct.
State Forestry(Davis)(NC)	3 E,hwy N	28	26	Power line W.
(P) Stockton	4 SSE,RR W,SW	28	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW;crk S	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct. Wire NE
Valley (Morgan Hill)	1.2 S,hwy E	240	17 S1	80 oct. P-line SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S6	80,91 oct.W blkd.Wire NW.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	98	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S6	80,91 oct. Port rnwy lgts. Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E		21h S2	80,91 oct.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
↘ (D) Lodi (Calif.)	6 WSW;RR NE	15	40h S6	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ **A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)**

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) → New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. **Airports are indented and non-capitalized.**

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES OR SHOWS OF BLACK LESS IDENTIFY "B" BOARDARIES.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SIGN.

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126,18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142,74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV	(3);122.1
San Francisco Airport	269(126,18,118.9)	AC;291°,3.6	(4);126.18,118.9,122,5
SAN FRANCISCO GAP	356 (F)	MHW;285°.10.0	(Cont.) San Francisco
→ SANTA BARBARA	(108.3)(OY)	BVAR	
SANTA BARBARA	320(OY)(116.1)	BMRLZ-DTV	(4);116.1
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126.18,122.5,142.74
→ SAUSALITO FM			DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- • — • — (0.62)	OM- — — (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ····· (0.12)	MM-	OM- — — (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft) (A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 S6	80,91 oct. . P-line N.
Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW;hwy E	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h S6	80.91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots prior req.
(N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	410	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

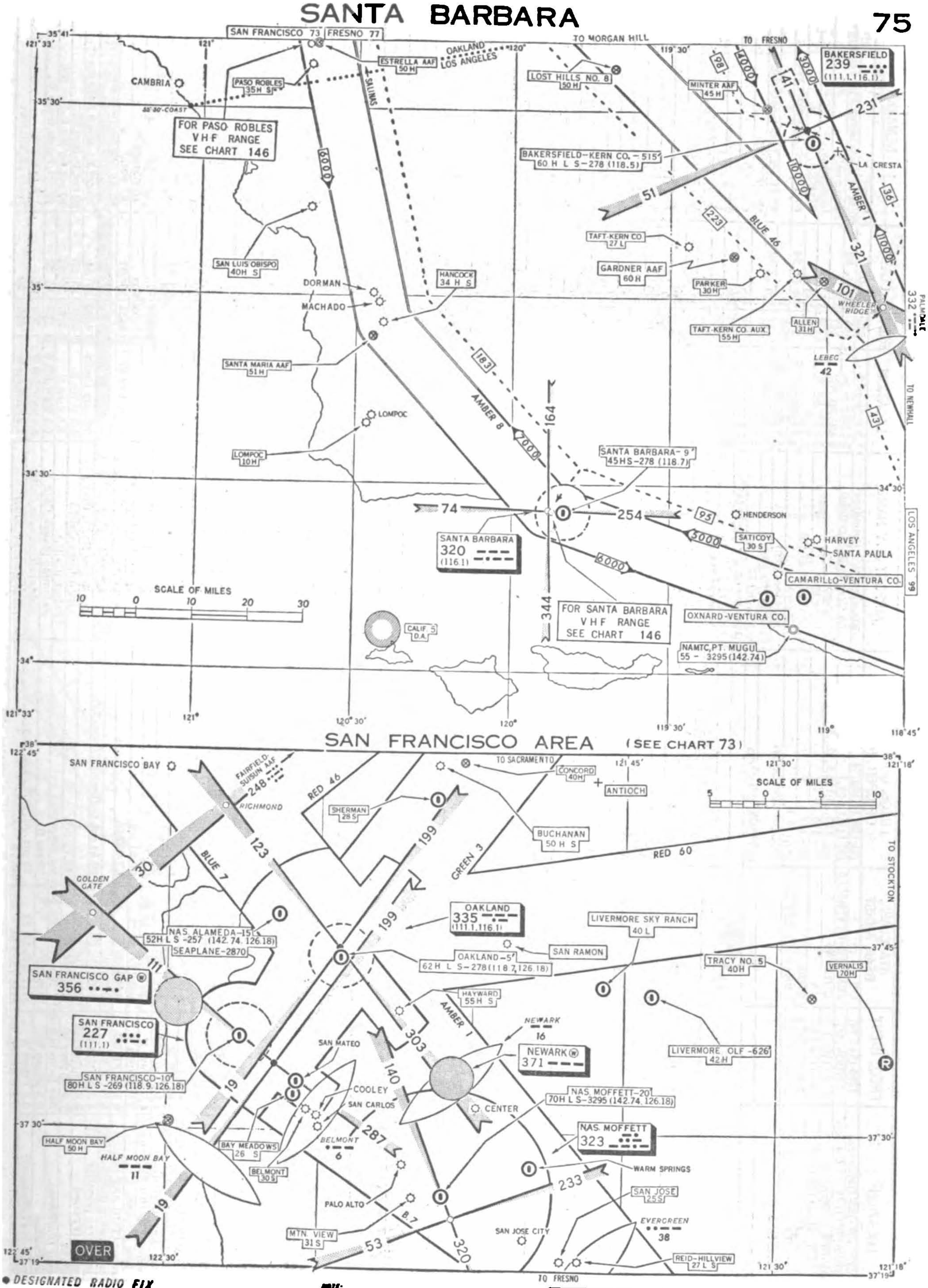
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
Oakland Mun.	5 S,hwy 2 NE	5	62h R3 L6 S6	80,91,100 oct. 2-way rdo req.NATS
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports"-name changed.			(Hospital)
Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct. P-line NW,S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
→ Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No bcn.NW blkd.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S6	80,91,100 oct. Rdo rqrd.
→ San Jose City (San Jose)	2 NW;RR SW	70	40 S6	80,91 oct.P-line SE
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S,obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	No lgts after 10 p.m.
Santa Paula	0.8 S;riv S	240	21 L S6	80 oct.Port.strip lgts prior req.P-line
Saticoy	1.5 S;RR NW	80	21 S1	80 oct.Trees NE. ENE,WSW.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy,mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports"-name changed.			
Vernalis	2.3 S	207	70h	
→ Warm Springs	2.3 SSE,RR W	100	23 S6	80 oct.

NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR W	6	20 S1	80,91 oct. Wire SE.Emerg.use.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct, No sto.
→ San Jose	3.4 E;rd W	125	25 L4 S6	80,91 oct.No bcn.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgtsprior req.
(P) Camarillo-Ventura Co (Calif)	5.5 E;RR S	84	50h	
→ OXNARD-VENTURA CO (Calif)	1 W;hwy E	44	46h L S6	80,91 oct.Port rnwy lgts prior req.
→ San Francisco Bay (San Rafael,Calif.)	1.5 ESE;RR SW	2	15 S1	80 oct.hill SW.
Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW
→ Harvey Fld (Santa Paula,Calif.)	1.7 E;riv S	290	26 S1	80 oct.Trees E,W.

SANTA BARBARA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BASE
LEGS IDENTIFY "B" BOUNDARYS

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, ONLY NO CLASS OR AIRPORT SOA.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ MOJAVE NAS			DECOMMISSIONED
→ TRONA			DECOMMISSIONED
NEVADA			
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
→ GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.
NEW RADIO FACILITIES			
→ INYOKERN(Armitage)(Cal.)	323(GIK)	MRLWZ;169°,4.1	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

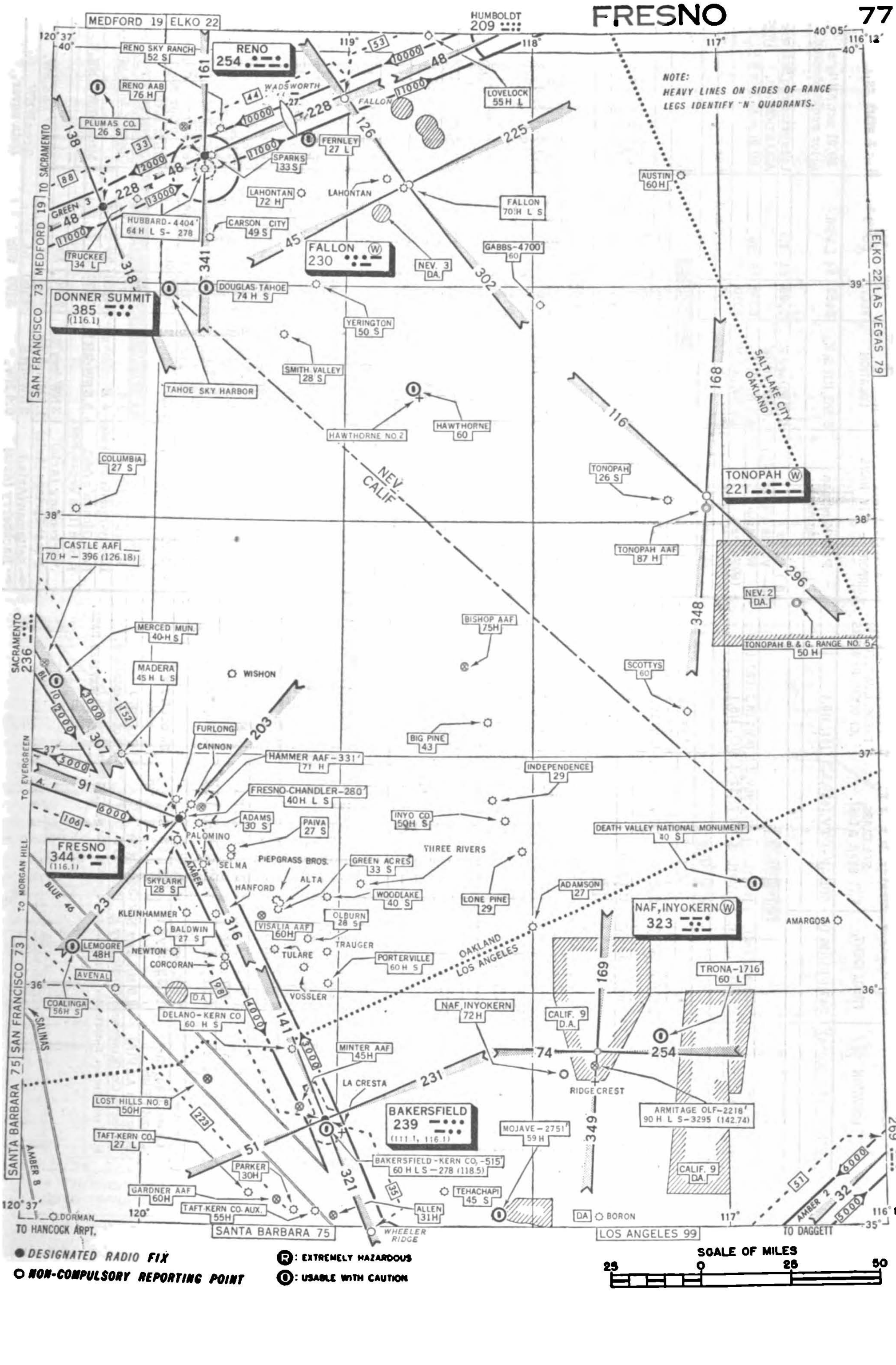
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- ·-- ·-· (0.62)	OM- --·· (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station **Location** Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column **Indicate** VHF Voice. **+—Army** A.C.S. transmits on and **guards** 116.1, **137.88,** 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	CLOSED
↘ Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R2 L5 S1	91,100 oct. CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
→ Boston Land Co.(Westhaven)	1.7 SSW;hwy N			ABANDONED.
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;hwy S	200	37 S4	80,91 oct.Pwrline NE,SE,SW,NW.
→ Cornell (Porterville) (NC)	2.4 SSW;RR E			ABANDONED.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver. Closed May 1 to Oct 15.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano-Kern Co(Delano)	1.5 SE;RR W	315	60h S1	80,91 oct.
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	25 S6	80,91 oct.P-line NW. Trees SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE ;hwy W	246	21 S6	80,91 oct.
Harvey (Corcoran)	See Baldwin under "New Airports" - name changed.			
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h S4	NATS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S6	80 oct. req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	33h	Emerg only.
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
→ Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	410	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;hwy NW	194	22 S6	80,91 oct, P-line NNW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S6	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28 S6	80,91 oct.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	18	Mtns - timber 2000' NE Closed to Public
(P) Visalia	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S Ctn-cattle on fld.
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.
NEVADA				
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon	6 SE;hwy S	3931	70h L5 S4	80,91 oct.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
→ Manhattan (NC)	6.8 W;hwy W	5850	44	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
→ Tahoe Sky Harbor (Zepher Cove)	3.5 S;lk W	6230	42 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.
NEW AIRPORTS				
Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct.P-line SE.
Selma (Calif.)	2.6 E;rd N	315	25 S4	80 oct.No sto.P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.
Baldwin (Corcoran,Calif)	2.7 NNW;RR W	200	27	
→ Three Rivers (Calif.)	2.2 NNE;riv W	850	20	Trees SE,hill NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA


MEDFORD 19 ELKO 22
HUMBOLDT 209
RENO 254
RENO SKY RANCH 52 S
RENO AAB 76 H
PLUMAS CO. 26 S
WADSWORTH
FALLON
LOVELOCK 55 H L
FERNLEY 27 L
SPARKS 33 S
LAHONTAN 72 H
LAHONTAN
AUSTIN 60 H
FALLON 70 H L S
HUBBARD-4404' 64 H L S-278
CARSON CITY 49 S
FALLON (W) 230
GABBS-4700' 60
NEV. 3 DA.
TRUCKEE 34 L
DONNER SUMMIT 385 (116.1)
DOUGLAS-TAHOE 74 H S
YERINGTON 50 S
SMITH VALLEY 28 S
TAHOE SKY HARBOR
HAWTHORNE NO. 2
HAWTHORNE 60
COLUMBIA 27 S
TONOPAH 26 S
TONOPAH (W) 221
TONOPAH AAF 87 H
NEV. CALIF
CASTLE AAF 70 H — 396 (126.18)
NEV. 2 DA.
TONOPAH B. & G. RANGE NO. 5 50 H
BISHOP AAF 75H
SACRAMENTO 236
MERCED MUN. 40 H S
MADERA 45 H L S
WISHON
SCOTTYS 60
FURLONG
CANNON
BIG PINE 43
HAMMER AAF-331' 71 H
INDEPENDENCE 29
FRESNO-CHANDLER-280' 40 H L S
ADAMS 30 S
PAIVA 27 S
INYO CO. 50 H S
DEATH VALLEY NATIONAL MONUMENT 40 S
PALOMINO
FRESNO 344 (116.1)
PIEPGRASS BROS.
THREE RIVERS
SELMA
GREEN ACRES 33 S
SKYLARK 28 S
HANFORD
ALTA
WOODLAKE 40 S
LONE PINE 29
ADAMSON 27
KLEINHAMMER
OLBURN 28 S
VISALIA AAF 60H
NAF, INYOKERN (W) 323
AMARGOSA
BALDWIN 27 S
LEMOORE 48H
NEWTON
TULARE
TRAUGER
PORTERVILLE 60 H S
OAKLAND LOS ANGELES
CORCORAN
AVENAL
TRONA-1716 60 L
VOSSLER
COALINGA 56H S
DELANO-KERN CO 60 H S
NAF, INYOKERN 72 H
CALIF. 9 D.A.
MINTER AAF 45H
LA CRESTA
RIDGE CREST
LOST HILLS NO. 8 50H
BAKERSFIELD 239 (111.1, 116.1)
ARMITAGE OLF-2218' 90 H L S-3295 (142.74)
MOJAVE-2751' 59 H
TAFT-KERN CO. 27 L
BAKERSFIELD-KERN CO.-515' 60 H L S-278 (118.5)
PARKER 30H
CALIF. 9 D.A.
GARDNER AAF 60H
TEHACHAPI 45 S
TAFT-KERN CO. AUX. 55H
ALLEN 31H
DORMAN
BORON
WHEELER RIDGE
TO HANCOCK ARPT.
SANTA BARBARA 75
LOS ANGELES 99
TO DAGGETT
SILVER LAKE 269
SALT LAKE CITY OAKLAND
SAN FRANCISCO 73 MEDFORD 19 TO SACRAMENTO
SAN FRANCISCO 73 SANTA BARBARA 75
TO EVERGREEN
TO MORGAN HILL
SALINAS
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
120°37'
119°
118°
117°
116°12'
40°05'
40°
39°
38°
37°
36°
35°
120°
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(vhf)	BMRLZ-DTV,195°,2.2	(4);116.1,122.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4):118.7,126.18,122.5 (8-midnite)

UTAH

BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5;122.1,116.1,129.7 cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-DTV;20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-TV;20°,1.0	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	MM ·--(0.66)	OM -- (4.2)	
					MMK	OMK	

S-Stand. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L2	
(P)Clemenceau (Cottonwood)	1.7 SSW,hwy NE RR bed N	3400	27 L1 S6	80 oct.Smokestack 4000' SE.Sur by mtns.
(P)Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
(P) Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14 3S;hwy 2W	6362	53 S2	80 oct.Trees SW.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	68h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	37	Not maintained.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → *NEW OR REVISED DATA.

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req,S blocked.
(P) Valle	2.3 E;hwy E	5990	61 L3	Lgts prior req.Soft when wet.
→ Verde Valley (NC)	1.8 SE,riv W			ABANDONED.
Williams	4.3 N,RR E	6600	39 S6	80,91 oct. Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

★ Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3	
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	917	40 R1 L3	Rnwy data unverif.

NEVADA

Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
→ BOULDER CITY	1.8 SW,RR W	2463	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	TMP INACT NO FACS
(A) Las Vegas	7.8 NE,hwy NW	1890	65h R3 L6 S1	100 oct.ARMY TEMP INACT.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	See Hoot Gibson's D4C Ranch under "New Airports" - name changed.			
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

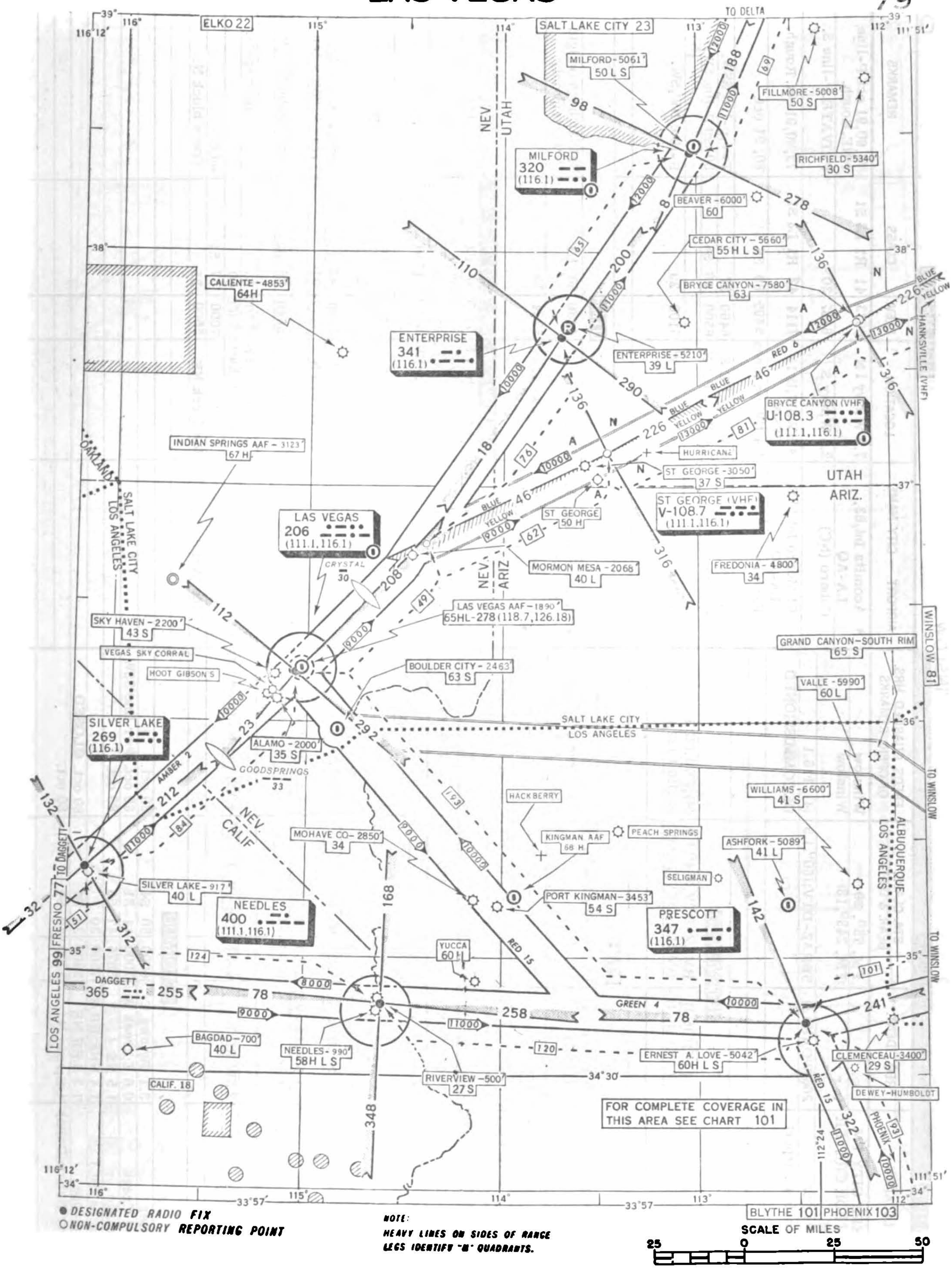
UTAH

Beaver	3.2 SSW,hwy E	6000	63	Hills SE.
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
Cedar City	2.3 NW,hwy W	5660	55h L2 S6	80,91 oct.
★ Enterprise Int,39	8 NNE, hwy 1N	5210	39 R1 L3	LA-SL Soft when wet.
Fillmore	2 WSW,hwy SE	5008	50 S2	80 oct. Unsafe lgt acft.
Milford,45,LA-SL	2.3 NNW,hwy E	5061	37 L3 S2	80 oct.
Richfield	1.8 SSW,RR E	5340	31 S6	80 oct, P-line SE,NW
St.George	1.5 SSW,riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
* St.George Int,36, → LA-DV	6 SE	2887	50h	Hills NNE

NEW AIRPORTS

Hurricane (Utah)	2 S	3400	25	Obsts E.Data unver.
Dewey-Humboldt(Ariz)	1 E	4265	29	
Hoot Gibson's D4C Ranch (Las Vegas,Nev)	5.5 SW;RR E	2200	24	Mtns WSW,ENE,E.
Wickenburg (Ariz)	3 NW;hwy W	2300	32	
Peach Springs (Ariz)	1.2 N;hwy SE	4825	23	P-line ESE,SW.
→ Seligman (Ariz.)	2 NW;RR S	5300	54	Tree WNW
→ Hackberry (Ariz)	6.4 NW.	3390	60h	Data unver.

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
→ Winslow Airport			DECOMMISSIONED

NEW MEXICO

ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4);116.1,122.1

UTAH

HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

S-Simpl. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.8 NE;riv 1 S	4200	40 S1	80 oct Rough.Not maintained.
★ Deep Lake Int,54A, LA-AQ	0.5 W	6070	35 L3	Poles S. Emerg. only.
Holbrook	2.2 NNE;RR SE	5200	50 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
Koch (Flagstaff)	9.8 NE;hwy S	6567	60 S6	80 oct.
Saunders, Harry A. (St. Johns)	1.1 NNW,hwy S	5560	48 S2	80 oct.25' poles NE
Window Rock(NC) (St.Michaels)	2 ESE	6800	52	NE appch hazardous
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S4	80,91 oct.No flood lgts

COLORADO

(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW
(P) Durango	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
→ Montrose	1.3 S,RR NE	5800	33 S4	80 oct. CLOSED.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy 1 N	6573	41 R1 L3 S1	73,80,91 oct.P-line NNE.Rough.
Cubero (NC)	2.4 W;hwy S	6182	30	PRIVATE.P-line S.
El Morro Int,59B, LA-AQ	4.5 WSW;1k 1 WSW	7114	42 R1 L3 S1	73,80,91 oct. Rough.
Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW. NW,SE.
Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW.

UTAH

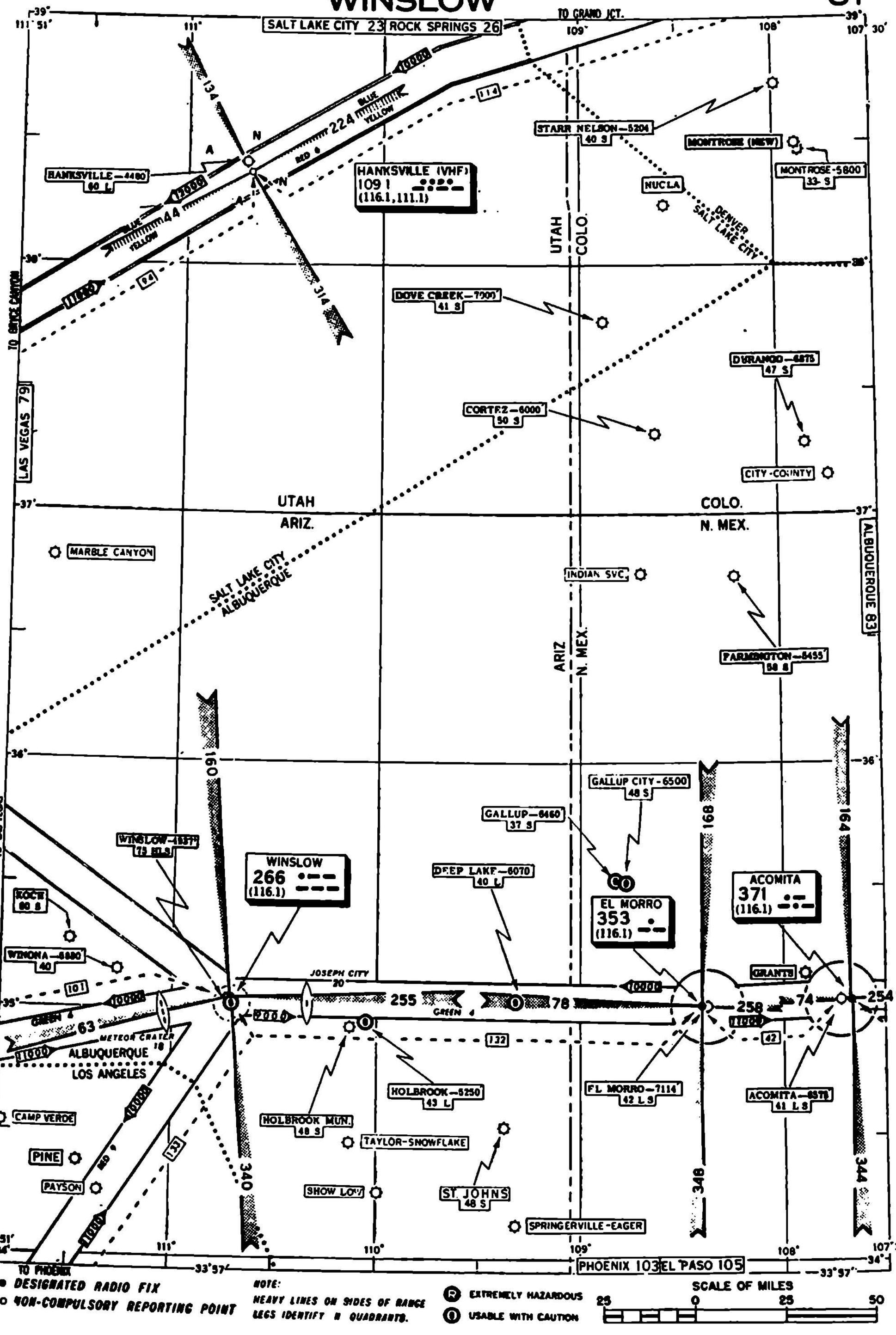
★ Hanksville Int,54, LA-DV	4 NE	4480	60 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	

NEW AIRPORTS

Montrose (new)(Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
City Co. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
Show Low,(Ariz.)	2 ENE;hwy S	6400	45 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct.NE appch hazardous.
Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E.Soft when wet.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct.Poles SSE,NNW.
Grants Landing Strip (N.M.)	2.3 W;RR 1 NE	6600	28	Loose sand in spots.
Winona (Ariz)	8.9 ESE;hwy N	5880	40	
Springerville-Eager (Ariz)	1.5 W	7000	37 S1	80 oct.
Pine (Ariz)	0.8 S;crk NE	5500	25	Trees block N.

h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing. (See page XIII)(NC) Not charted. → NEW OR REVISED DATA.

WINSLOW


SALT LAKE CITY 23 ROCK SPRINGS 26
TO GRAND JCT.
39°
111° 51'
111°
109°
108°
107° 30'
134
224
BLUE YELLOW
114
N
A
HANKSVILLE—4480
60 L
HANKSVILLE (VHF)
109
(116.1, 111.1)
STARR NELSON—5204
40 S
MONTROSE (NEW)
MONTROSE-5800
33 S
NUCLA
DENVER SALT LAKE CITY
UTAH
COLO.
44
94
TO GRYCE CANYON
DOVE CREEK—7000'
41 S
DURANGO—6875
47 S
CORTEZ—6000
50 S
CITY-COUNTY
LAS VEGAS 79
UTAH
ARIZ.
COLO.
N. MEX.
ALBUQUERQUE 83
MARBLE CANYON
SALT LAKE CITY
ALBUQUERQUE
INDIAN SVC.
ARIZ
N. MEX.
FARMINGTON—5455'
58 S
160
GALLUP CITY-6500
48 S
GALLUP—6460
37 S
168
164
TO LAS VEGAS
WINSLOW—4837'
73 SD S
WINSLOW
266
(116.1)
DEEP LAKE—6070
40 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
KOCH
80 S
WINONA—5880
40
JOSEPH CITY
20
255
78
258
74
254
GRANTS
101
GREEN 4
63
METEOR CRATER
18
ALBUQUERQUE
LOS ANGELES
TO PRESCOTT
132
42
HOLBROOK—5250
43 L
HOLBROOK MUN.
48 S
TAYLOR-SNOWFLAKE
FL MORRO—7114
42 L S
ACOMITA—6878
41 L S
CAMP VERDE
PINE
PAYSON
340
348
344
SHOW LOW
ST JOHNS
48 S
SPRINGERVILLE-EAGER
TO PHOENIX
PHOENIX 103
EL PASO 105
34°
33° 57'
110°
SCALE OF MILES
25 0 25 50
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.
R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
* Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior req.
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1.122.1
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld.
* Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct. P-line N,W
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct.P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAZ	(3)
CLOVIS H Fac. (N.M.)				DECOMMISSIONED
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3);126.18(daylgt hrs.)
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h	TMP INACT.NO FACS.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
* Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
→ Dalhart (Tex)	6.2 SSE;RR E	--		ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood lgts.
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) English (Amarillo,Tex) →	9 ENE;RR N	3604	50h L6 S6	80, 91 oct.;100 oct Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NE;RR S	4166	60h S6	80 oct
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	34 S6	80 oct.Poles S,N.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
NEW FACILITIES				
Langhorn(Morairty,N.M)	8.3 ENE;hwy N	6150	33	P-line N
Estancia (N.M)	1.5 NNW;RR 0.5 E	6100	36	Ctn-cattle on fld.P-line NE,E.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4262	80h	CLOSED
La Junta Bridges (Colo)	See Bridges Arpt under "New Facilities"-name changed			
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L2 S4	80 oct.canal N
Las Animas (Colo)	1.4 S;hwy 1 N	3900	31 S4	80 oct. P-line W,NW.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE;RR 2 W	6857	64h L5 S6	80, 91 oct.Flood lgts on req Use strips only.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
Monte Vista (Colo)	3.5 W;RR N	7710	55 S4	80 oct.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N Horses on fld.
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
* Otto Int,74,LA-AQ (N.M.)	5.8 NE Moriarty	6226	41 L3 S1	Ltd 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N.
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE,E. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	30 S2	Ltd 80 oct.P-line SW,NW,W.
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
→ [Santa Fe] (new)(N.M.)	9.8 WSW ;hwy E	6308	63h L5 S1	91 oct.airlines.FEE. Rnwy lgts on req.
→ Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	80 oct.P-line NE,SE.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34	Poles NW,W,SW.
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	32 S6	80,91 oct, P-line SW.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
Trinidad (Colo)	10.5 ENE	5756	34 L1 S4	80 oct.Use rnwys only.
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

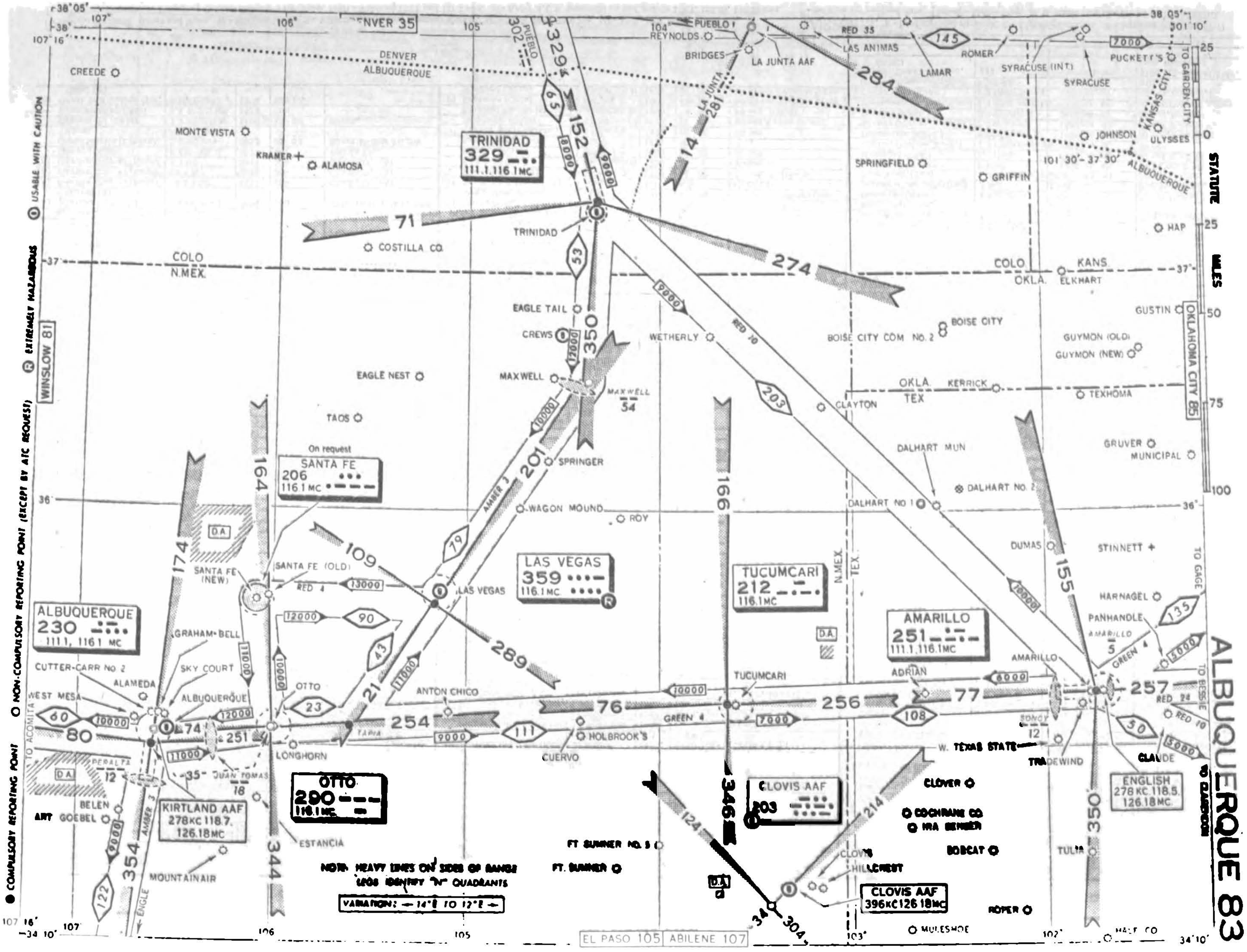
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62)	OM- — — (5.92)
				MMK-		OMK-293 —·—·—
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66)	OM- — — (4.32)
				MMK-		OMK-248 — —·—

NEW FACILITIES				
Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.
→ Ulysses (Kansas)	1.3 NNW;hwy E	3050	26 S1	80 oct.Poles S.
→ Kramer Fld (Alamosa,Colo.)	2.5 WNW		52 S6	80 oct.P-lines NE.Data unver.
Elkhart (Kans)	0.8 ESE;RR 0.5 NW	3500	32 S2	80 oct.
Hap(Hugoton,Kans)	1.5 SW;hwy N	3107	26 S2	80 oct.Poles N,NE.Use stps.
Bridges (LaJunta,Colo)	3.3 SSW;hwy,RR W	4250	26 S2	80 oct P-line N

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


DENVER 35
DENVER
ALBUQUERQUE
CREEDE
MONTE VISTA
KRAMER
ALAMOSA
TRINIDAD
329
111.1.116 MC
PUEBLO
302
329
65
152
8000
9000
PUEBLO
REYNOLDS
BRIDGES
LA JUNTA AAF
LA JUNTA
281
14
RED 35
LAS ANIMAS
284
145
LAMAR
ROMER
SYRACUSE (INT)
SYRACUSE
7000
PUCKETT'S
KANSAS CITY
TO GARDEN CITY
JOHNSON
ULYSSES
101° 30'- 37° 30'
ALBUQUERQUE
SPRINGFIELD
GRIFFIN
HAP
71
TRINIDAD
COSTILLA CO.
53
274
COLO
N.MEX.
COLO
OKLA.
KANS
ELKHART
EAGLE TAIL
CREWS
13000
350
WETHERLY
9000
RED 70
BOISE CITY
BOISE CITY COM NO. 2
GUYMON (OLD)
GUYMON (NEW)
GUSTIN
OKLAHOMA CITY 85
MAXWELL
MAXWELL
54
EAGLE NEST
TAOS
10000
201
SPRINGER
203
OKLA.
TEX
KERRICK
TEXHOMA
CLAYTON
DALHART MUN
GRUVER
MUNICIPAL
DALHART NO. 2
DALHART NO. 1
On request
SANTA FE
206
116.1 MC
164
166
WAGON MOUND
ROY
AMBER 3
79
109
SANTA FE (OLD)
SANTA FE
(NEW)
RED 4
13000
LAS VEGAS
359
116.1 MC
LAS VEGAS
TUCUMCARI
212
116.1MC
N.MEX.
TEX.
DUMAS
STINNETT
TO GAGE
HARNAGEL
PANHANDLE
AMARILLO
5
GREEN 4
135
12000
90
43
289
21
11000
ALBUQUERQUE
230
1111, 1161 MC
GRAHAM-BELL
CUTTER-CARR No 2
SKY COURT
ALAMEDA
WEST MESA
ALBUQUERQUE
10000
OTTO
23
ANTON CHICO
TUCUMCARI
ADRIAN
AMARILLO
AMARILLO
251
111.1.116.1MC
6000
257
RED 24
RED 10
50
5000
TO BESSIE
TO ACOMITA
60
80
74
251
254
TAIRA
9000
111
HOLBROOK'S
76
GREEN 4
7000
256
77
108
12
W. TEXAS STATE
TRADEWIND
CLAUDE
TO CLARENDON
LONGHORN
CUERVO
PEDALTA
12
D.A.
35
JUAN TOMAS
18
OTTO
290
116.1MC
CLOVIS AAF
203
346
124
214
CLOVER
COCHRANE CO
IRA BENDER
BOBCAT
TULIA
ENGLISH
278 KC 118.5
126.18 MC
BELEN
ART GOEBEL
KIRTLAND AAF
278KC 118.7
126.18MC
354
AMBER 3
ENGLE
MOUNTAINAIR
122
ESTANCIA
344
FT SUMNER NO. 3
FT. SUMNER
CLOVIS
HILLCREST
CLOVIS AAF
396KC126.18MC
ROPER
MULESHOE
HALE CO
304
155
350
NOTE: HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "N" QUADRANTS
VARIATION: — 14°E TO 12°E —
EL PASO 105
ABILENE 107
ALBUQUERQUE 83
STATUTE MILES
25
0
25
50
75
100
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

OKLAHOMA CITY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	[illegible]	31 S6	80 oct. P-line SW, NE
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct.
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct. P-line N, E.
ANTHONY H Fac. (Okla)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	S2	80 oct.
ARDMORE H Fac. (Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct. Poles E
★ Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct. Poles S,E
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct. P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City, Okla)	2 SSE;RR NE	1800	20 S2	80 oct. P-line W. Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct. P-line ft only.
Boren (Wetumka, Okla)	1.5 NW;RR SE	780	20	SW, NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct. Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
Caddo Fly Svc. (Ft. Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla) Ctn when
Cameron College	2.5 W;RR N	1108	20 S6	80 oct. (Lawton, Okla)
Cassoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(3);116.1,122.1
Chanute (Kans)	2 WSW;lk S	980	22h L4 S6	80,91 oct.
CLARENDON Range (Tex)	233 (CP)	99°, 2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex) (A)	5.2 W;RR N	1952	60h	CLOSED
Clinton (Okla)	17 SW;hwy E	1932	65h	
(P) Coffeyville, Mun. #1	3.5 NE	743	59h S2	80 oct. (Kans)
Coffeyville, Mun. #2	2 NW;riv E	880	26h L3 S6	80 oct. Poles NW; hi-line SW.
Commercial (Okmulgee, Okla)	3.4 E;RR W	682	26 S2	80 oct. Poles SW
Commercial (Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct. Trees SW
Commercial (Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct. (Tex)(Okla)
Community (Ada, Okla)	6.8 WNW	1000	24 S6	80 oct. hwy NE
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
* Dill Int,14,AQ-LS (Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E.
DODGE CITY H Fac (Kans)	362(OD)(116.1)		MHTV	(4);116.1,122.1
Dodge City (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct. Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans) (A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie, Okla)	1 NNW;riv S	1250	24 S2	80 oct. P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S2	80 oct. N,E,S,W blkd.
(A) Enid AAF (Okla) (A)	4 SSW;RR E	1290	56h	TMP INACT. NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct. Hi-line S.
→ Ferguson (Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick (Okla)	2.5 SSE;RR N	1233	60h L6 S6	80,91 oct. No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5	
GARDEN CITY Range (Mun.) (Kans)	257(GK)(vhf)	168°, 3.7	SBRAZ-DTV	(4);116.1,122.1
Garden City Mun. (Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct. Fld lgts on req
(A) [Garden City AAF] (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT. NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Geary (Okla)	1.4 E;RR N	1523	24	PRIVATE
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct. P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S2	80 oct.
→ Grandfield #3 (Okla)	3.1 W;RR NE	1128	45h	
(A) Great Salt Plains (Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick, Okla)	1.4 SW;RR N	2017	24 S2	80 oct. P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	25 L2 S4	80,91 oct. No flood lgts or oen.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee, Okla)	2.7 W;fork RRs	615	28h S2	80 oct.
Hemphill Co. (Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct. (Tex)
(P) Hobart Mun. (Okla)	0.8 S;hwy	1583	54h L2 S4	80 oct. Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
→ Holdenville (Okla)	1.2 WNW;hwy S	864	33	
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Ltd unverified
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1,122.1
Hutchinson, com. (Kans)	5.5 W;hwy N	1605	30 S2	80 oct. P-lines N,NE.
(P) Hutchinson, mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	73,80 oct. P-line W.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct. P-line NW, N.
Jensen (So. Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct. P-line SE (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S. (Okla)
Kell-Air (Thomas, Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIV
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct. Trees S,SW RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line SW. NNW,SSW.
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N. (Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct. Fld lgts prior req.
(A) Liberal AAF (Kans) (A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor, Okla)	2 NNE;RR W	650	29 S6	80 oct. P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S2	80 oct. Use strips. P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. N
Mauks (Blackwell, Okla)	2.7 S;hwy W	987	26 S4	80 oct. P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(A) Muskogee AAF (Okla)	See Davis under "New Facilities" - name changed.			
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct. Shrubs N,N
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus, Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1.2 NNE;RR S	3234	50 L3 S6	80,91 oct. SE blkd. P-line E,S,W
(A) Pampa AAF (Tex) (A)	12.3 E	3124	65h	CLOSED.
* Pampa Int,4,AQ-KC (Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W. Twr SW
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct. Use strips only.
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct. Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE;RR NW	2942	90 S4	80 oct. No sto. Allway fld. P-line SE, windmill.
PHILLIPS Tower (Okla)	278		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct. (Okla) Hwy S
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct. P-line NE, SE, S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122..
(P) [Ponca City] (Okla)	2.3 NNW;RR S, E	998	36h L4 S6	73,87 oct. Antenna bet twr & hangar, lgtd.
Ponder (Mangum, Okla)	1.6 N;hwy S	1585	29 L S2	90 oct. Bndry lgts prior
POST Tower (Ft. Sill, Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft. Sill, Okla) (A)	3 N	1170	50h L5 S4	Ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;lk S F	1916	25 S6	80 oct. Use strips only.
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre, Okla.)	2.3 N;hwy W	1990	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct. Trees W,NW.
Sentinel Memorial	0.8 SSW;RR W	1600	RR S	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct. Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N,S req.
Stark (Coldwater, Kans)	0.7 NE,RR SE	2100	29 S	80 oct. Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland (Hazelton, Kans)	2.6 E;RR S	1310	26 S6	73,80 oct. Poles E,N.
* Stroud Int, 8A, AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd (Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW.
TINKER Army Rng (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
(A) Tinker (Okla. City, Okla)	8.5 SE,RR NE	1272	78h L5 S6	73,100 oct. P-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct. P-line S,E.
TULSA Range (Okla)	245(TS)(116.1)	225°, 1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118 5.126 18. 122.5
(A) [Tulsa] (Okla)	6.2 NE,RR S	674	71h L6 S6	73-91 oct. 73,100 oct
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. [Army] Poles S,SW,SE.
Turkey (Tex)	2.7 SSW,hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE, hwy 0.5 W	2225	38 L3	(Tex) P-line W
Vernon (Tex)	5 N,hwy E	1250	43h S6	73,80 oct. No sto.
* Vernon Int,15,AQ-FV	8.8 NNW;hwy E	1332	32 L3	(Tex)
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton, Okla)	2 S,hwy W	1540	27 S6	80 oct.
Walker (Ada, Okla)	5.4 S;rd E,N	870	32	PRIV Trees sur fld.
Walker (Altus, Okla)	1.6 W;RR E	1400	26 S4	80,91 oct. P-line N.
Walters (Sedan, Kans)	8 N;hwy W	1000	26	PRIVATE
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE,RR SE	1500	21 S2	80 oct. P-line N,NE.
Weatherford (Okla)	2.7 ENE,hwy S	1550	27 S6	80 oct. P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka, com. (Okla)	1.8 W;lk N	905	23 S6	73,80 oct. P-line NNE
(P) Wewoka, mun. (Okla)	4.7 N;hwy W	790	30	Emerg only
White Bros. (Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°, 1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122 5.126 18, 118 7
(NG) [Wichita] (Kans)	5.3 SE;hwy W	1373	75h L6 S6	80,91 oct. Army 100 oct
Will Rogers, 36, AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct. (Claremore, (Okla.
WILL ROGERS Tower (Okla City, Okla)	272 (118.7)		AC (ILS)	(4);118 7,126 18. (Okla) 122.5
→ [Will Rogers] (Okla. City)	7.5 SW;hwy E	1283	57h L6 S6	80,91 oct. P-line N,E,W.
(P) Woodring (Enid, Okla)	5 ESE;RR N	1159	65h L5 S6	80,91 oct.
(P) Woodward (new) (Okla)	7.5 W,hwy S,E	2187	55h L5 S2	80,91 oct. Lgts on req
Woodward (mun) (Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

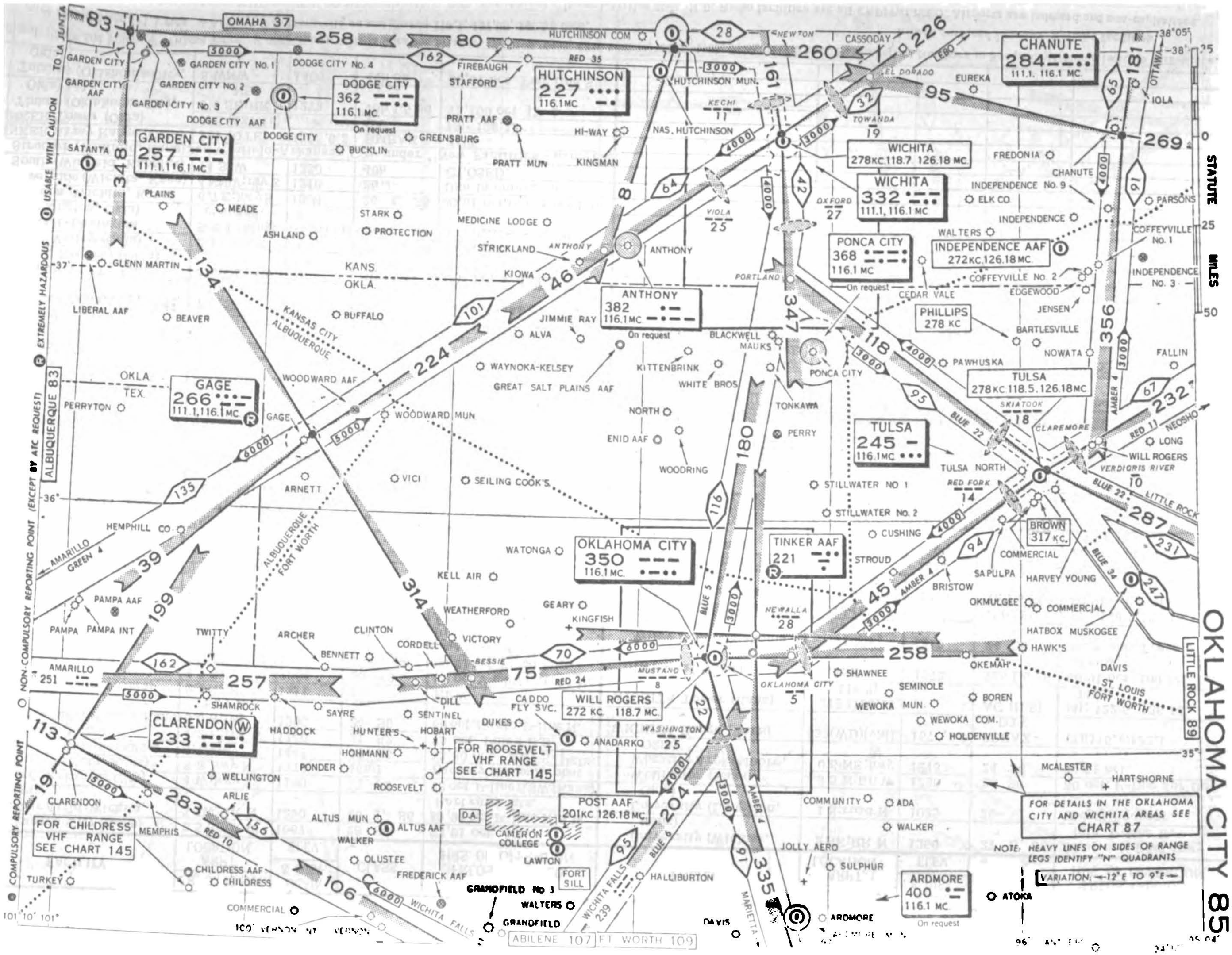
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
TULSA	110.3	335	354°	IM-	MM- (0.65)	OM- (4.82)
					MMK-	OMK- 263
WICHITA	110.3	335	3°	IM-	MM- (0.69)	OM- (5.37)
					MMK 20	OMK- 317
WILL ROGERS	109.9	333.8	350°	IM-	MM- (0.66)	OM- (4.6)
					MMK-	OMK-

NEW FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450	23 S1	73 oct.
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	22 S6	80 oct. Trees NE,SW.
Fallin (Vinita, Okla)	1.5 NW;RR S	780	26 S2	80 oct. P-line E,N,NE.
Davis (Healdton, Okla)	1.3 E;crk W	800	20 S2	80 oct. S,SW.
Hartshorne (Okla)	1 NNW	700	13	Emerg use only
Hawk's (Henryetta, Okla)	1 N;rd N,E	862	18 S2	80 oct.
Jolly Aero (Davis, Okla)	3 S;hwy NNW	800	17	Pwrline NNW. Emerg. only
Kingfish (Hinton, Okla)	3.7 N;hwy W	1545	18	
Okemah (Okla)	1 E;city W	870	33 S6	80 oct. P-line N,NE.
Seiling-Cook's (Seiling)	Adj E	1700	20	P-line N; trees S. (Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct. P-line S.
Augusta (Kans.)	1 NNE	1260	26 S2	80,91 oct. S blkd.
Memphis (Tex.)	1.4 NNE	2100	38 S2	80 oct. E,SE blkd.
Elk Co. (Moline, Kans.)	2.3 ENE;hwys SW	1050	24 S2	80 oct.
Protection (Kans.)	0.6 SSE;hwy S	1830	24 S2	80 oct. Pole W. Use strips only
Hi-way (Kingman, Kans.)	2.3 W;hwy S	1580	24 S2	80 oct. P-lines SE,S.
Bucklin (Kans.)	0.6 SW;RR N	2400	26 S2	80 oct. Poles N,W. Use strips.
Firebaugh (St. John, Kans)	1.7 NNE;rd E	1885	26 S2	80 oct. Poles N,E. Derrick S.
Cedar Vale (Kans.)	1.5 WNW;hwy S	1000	26 S1	80 oct. Poles N,W.
Davis (Muskogee, Okla)	5.5 S;RR 9	610	56h	Hill SW
BROWN Tower (Tulsa, Okla.)	317		CI	3105 (12-sunset. Sats, Suns, holidays)

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


OMAHA 37
HUTCHINSON COM
NEWTON
CASSODAY
CHANUTE
284
111.1, 116.1 MC
HUTCHINSON
227
116.1MC
HUTCHINSON MUN.
DODGE CITY
362
116.1 MC.
On request
GARDEN CITY
257
111.1,116.1MC
WICHITA
278KC.118.7 126.18 MC.
WICHITA
332
111.1, 116.1 MC
PONCA CITY
368
116.1 MC
On request
INDEPENDENCE AAF
272KC.126.18MC.
ANTHONY
382
116.1MC
On request
PHILLIPS
278 KC
GAGE
266
111.1,116.1MC.
TULSA
278KC.118.5,126.18MC
TULSA
245
116.1MC.
OKLAHOMA CITY
350
116.1 MC.
TINKER AAF
221
BROWN
317 KC.
CLARENDON
233
WILL ROGERS
272 KC. 118.7 MC.
POST AAF
201KC 126.18 MC.
ARDMORE
400
116.1 MC.
On request
FOR ROOSEVELT VHF RANGE SEE CHART 145
FOR CHILDRESS VHF RANGE SEE CHART 145
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 87
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 9°E
STATUTE MILES
OKLAHOMA CITY 85
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
ALBUQUERQUE 83
TO LA JUNTA
ABILENE 107
FT. WORTH 109

OKLAHOMA CITY - WICHITA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	80,91 oct.P-line N,S,W. Port rnwy lgts.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only.obst lgts.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24	RRW.
→ Cessna (Wichita,Kans)	4.5 SE	1384	53 S2	80 oct.Wichita Arpt 1 N.
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L S6	80,91 oct.Flood lgts.
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	Emerg only.P-line NE.,S.
Culver (Wichita, Kans)	4 N	1320	15h	Private-200' twr 1 NW
→ Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct.Port rnwy lgts
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Mun	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
→ Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto. Port rnwy lgts.Obsts
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	80 oct.P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	80,91 oct.Port rnwy lgts
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26	Use in emerg only.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	See Winfield-Arkansas City under "New Facilities" - name chg.			
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans) →	5.3 SE	1372	75h L6 S6	80,91 oct 100 oct. for Army.
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7,126 18,122.5
→ [Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91 oct.P-line N.E.W. Port lgts prior req.
Wilson (Wichita, Kans)	7.6 NE	1410	26 L S6	80,91 oct.P-line N,NE,NW.
Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only Pwr line N

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
WICHITA	110.3 •−••	335	3°	MM- •−−•−(0.66)	OM- −−(5.37)
				MMK-201—••	OMK- 317 •−−
WILL ROGERS	109.9 •−••	333.8	350°	IM-	MM- •−•−(0.66) OM- −−(4.6)
					MMK- OMK-

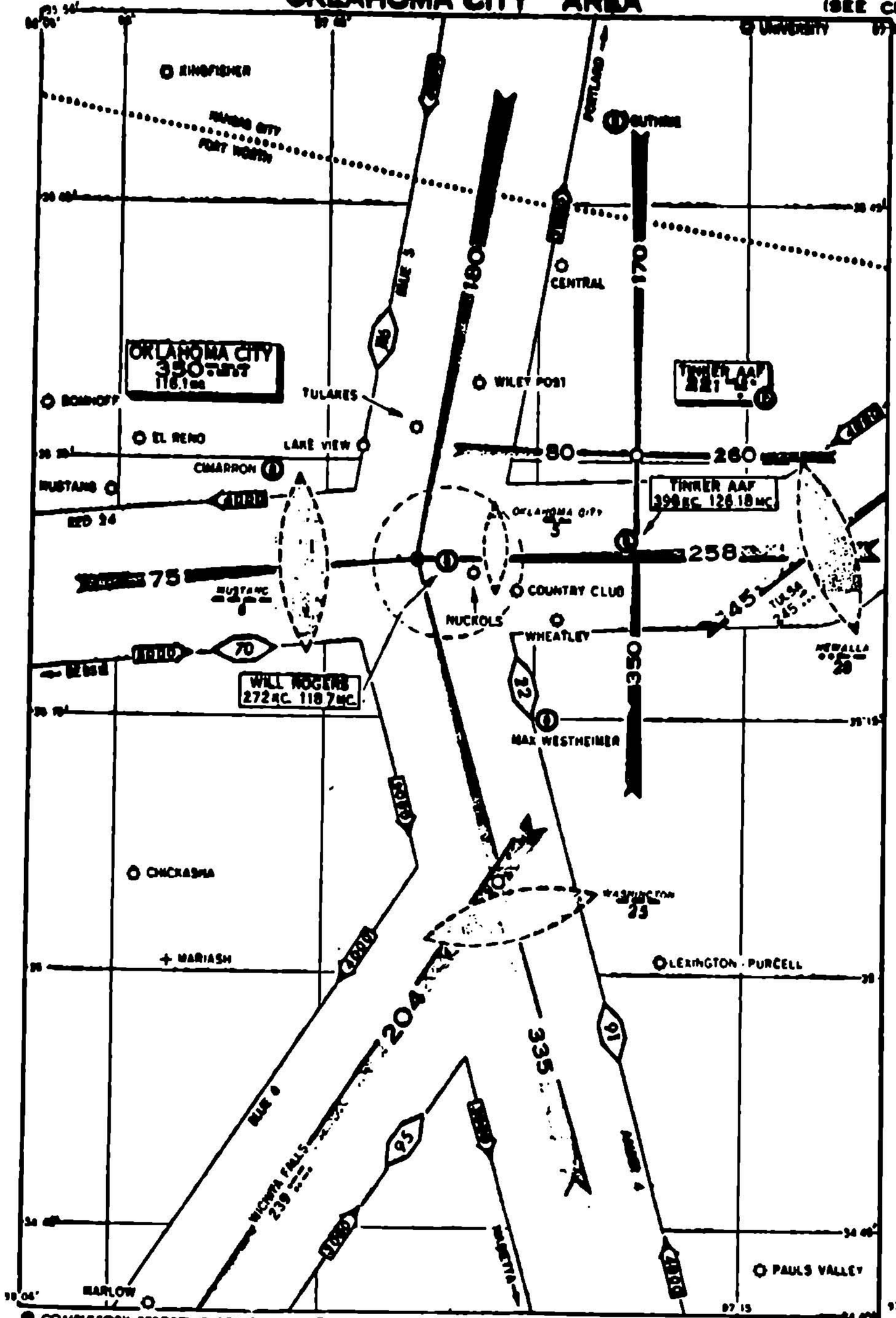
Lexington-Purcell (Lexington,Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct.No sto.
Country Club (Okla.City, Okla)	7.3 S;hwy E	1250	19h S6	80 oct.
(P) Winfield-Arkansas City (Winfield,Kans)	5.7 SSW;RR SE	1150	58h L5 S2	80 oct.No bcn.Use strips.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3108, 4498, 6210 kcs. (4)-3108, 4498, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF-Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

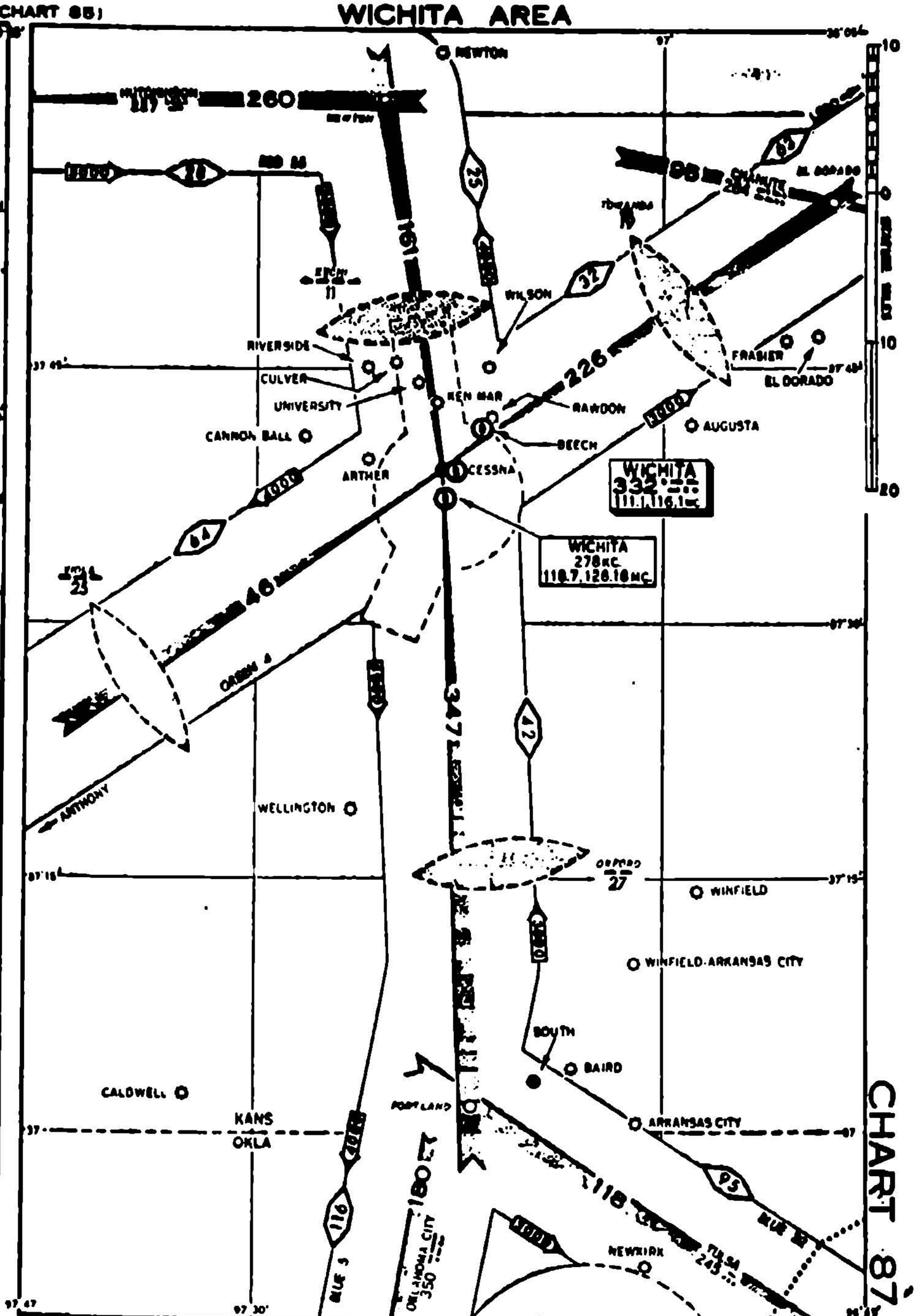
L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 85)



WICHITA AREA



● COMPULSORY REPORTING POINT

○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E EXTREMELY HAZARDOUS

U USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 87

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams](Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 oct, JP-1,2-ech maint NG.
ADVANCE Range (Not) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd. Trees E.
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct. P-line S PRIVATE
→ American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80,91 oct,SE blkd. P-line W.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct. Flood,obst lgts.
Bailey (Cabot, Ark)	0.5 W;RR SE	270	16 S2	80 oct. Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct. N blckd. Hwy E
Batesville (Ark)	3 S;hwy E	400	25 S5	80 oct. N,W blkd. P-line
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd. W,N.
Benton (Ark)	1.6 W;hwy N	300	20 S2	80 oct. P-line S. Trees
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	70 oct, Trees S, hwys N,S.
Biggers (Ark)	2 ESE	290	45	;RR 2 NW Cattle on fld.
BLYTHEVILLE Range (Ark)	221 (LY)	226°, 14.2	RLWZ	
(P) Blytheville (Ark)	3.5 NW	254	50h S6	80,91 oct.
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct. N,S blkd. Hwy N.
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct. Floodlgts; port rnwy lgts. Poles
Branson (Mo)	4 W;mtn NNW	1069	19 S4	80 oct. W,NW blkd. SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;hwy N	188	31 L3 S1	80 oct. days. Obst NW Heavy acft emerg only.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
Cape Commercial (Mo)	4.8 SW;Hwy N	340	35	CLOSED. P-line N
Carbondale (Ill)	1 E;lk 1.5 SW	450	23 S6	80 oct.
(P) Carlisle Aux. (Ark)	3 NE; RR S	236	45h	CLOSED.
Carthage (Mo)	See Meyers Field under "New Facilities" - name changed			
Cassville (Mo)	3.9 S;hwy E	1375	26 S1	80 oct. P-line NE.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct. Trees W. Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct. Poles S,W. (Ark)
Chester (McBride, Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct. P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct. P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct. P-line N,E.
→ Cooter (Blythev'l, Ark)	10 NE			ABANDONED
Copp (Calico Rock, Ark)	1.8 N	425	18	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart, Ark)	1.5 NNW	214	24 S6	73,80 oct. P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct. SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun. (Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S
Embry Riddle (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
Erwin (Newport, Ark)	..6 SE;rd S	220	45h	CLOSED.
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct. Poles E,N
→ Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	4.5 S;riv E	1251	38 S6	80 oct. P-line SW;cln.
Fleeman (Manila, Ark)	0.8 S;RR N	240	32 S2	80 oct. P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	55h L5 S6	80,91 oct. P-line SE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED. Stacks W.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct. N/S strip rough.
Girard (Kans)	1.7 WNW	950	14	P-line S,WSW Poles W.
(P) Grider (Pine Bluff, Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern, Ark)	7.5 W SW	275	26 S2	73 oct. P-line NE. RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct. P-line N
Harrison (Ark)	4.1 NW;RR,8 S	1380	32 S2	80 oct. SE,S,NW blkd.
Heber Spgs (Ark)	1.5 NNE;hwy E	625	24 S1	80 oct. P-line E N blkd
Hazen (Ark)	3.8 WSW	225	45h	
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
→ J.B.Wilson (Joiner, Ark)	0.5 ENE			ABANDONED.
Jameson (Picher, Okla)	4.5 W			ABANDONED
→ John Brown Universtiy (Mosley, Okla)	3.6 ESE; hwy S	1183	27 S6	80 oct. Appchs blkd. Caution.
John's Arpk. (Flippin)	0.3 NNW	620	27 S1	80 oct. N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR all sides	264	44h S6	80,91 oct. Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S6	80, 91 oct. P-line NE
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N.
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston, Mo)	0.8 WNW	1180	15 S1	80 oct. Poles S. Hwy ESE
* Lebanon, 54B, AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct. (Mo.) Hwy E.
→ Levee (W. Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct. Port rnwy lgts P-line N,S. Wires W.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S. S blkd.
McFarland (Springfield)	4 SSE;hwy E	1310	34 S6	80 oct. P-line S,NW(Mo
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" - Name changed.			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
→ Manila	1.6 NE	240		Cattle on fld.
→ Marks (Miss)	1.5 NW;hwy S	165	22 S2	80 oct. Trees N,E.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd. Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct. P-line S. No bcn. Lgts prior req Rnwy lgtg data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct. Lgts on
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E req.
Milltown (Tuckerman,	4.5 E;	244	45h	(Ark). Emerg only.
Monett (Mo)	0.5 NE;hwy S	1151	26 S4	80 oct. P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct. P-line W.
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver.
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct. P-line SW,NW
Neosho 43B,AQ-SL(Mo)	2.8 SW;hwy E	1215	26 L3 S6	80 oct. P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts
Norman (Ola, Ark)	1.8 NNE	348	28	P-line SE Closed on req.
North Cairo (Cairo, Ill)	3 NNW	312	24 S4	73 oct. RR E wet.
Overholt (Cotton Plant)	3 W;hwy S,W	250	18 S1	(Ark) 80 oct. Ctn when
(P) Oxford (Miss)	8 S;hwy N	300	50 S6	80,91 oct. Trees NW. Soft.
Paris (Ark)	..3 NE;RR W	500	23 S1	80 oct. SW,W blkd. P-line
Poteau (Okla)	1.5 SSW	460	17	RR NW, E,NE.
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N
(P) Prairieville (Almyra, Ark)	3 W	205	45h	
Ramsey (Campbell, Mo)	1.6 SW;RR NW	295	18 S2	80 oct. NE.
Rogers (Ark)	2.7 N;RR E	1325	32 S6	80 oct. SE blkd. Trees
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38 L4 S6	80,91 oct. Lgts prior req. Pwr line N
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct. Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. PRIVATE. SW.
(P) Sanders (Walls, Miss)	1.8 S;hwy NW	210	51 S6	80,91 oct. Trees N,SSE.
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct. P-line NE,SE.
Sexton (Kennett, Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W. Plains, Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock, Ark)	0.5 NE;RR W	270	16	
Smith (Hasty, Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
Springdale (Ark)	0.8 SSE; RR,5 W	1200	19 S4	80 oct. P-line NE,SW S,NW blkd.
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct. JP-1 Army Use rnwys only
→ Steele (Blythev'l, Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.7	MRLWZ	
(P) Stuttgart (Ark)	7 N;RR E	230	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
(P) Thompson-Robbins → (Helena, Ark)	6 NW;RR S	242	50h S6	73,80 oct.
Toney (Pine Bluff, Ark)	2.5 N;hwy W	215	28 S2	80,91 oct. Twr NW lgtd.
→ Tucker (Hughes, Ark)	1.1 S			ABANDONED.
Walcott #3 (Walnut → Ridge, Ark)	14.2 ESE	285	45h	2 W of Walcott. CLOSED. NOT MAINT. Cattle on fld.
WALNUT RIDGE Range (Ark)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

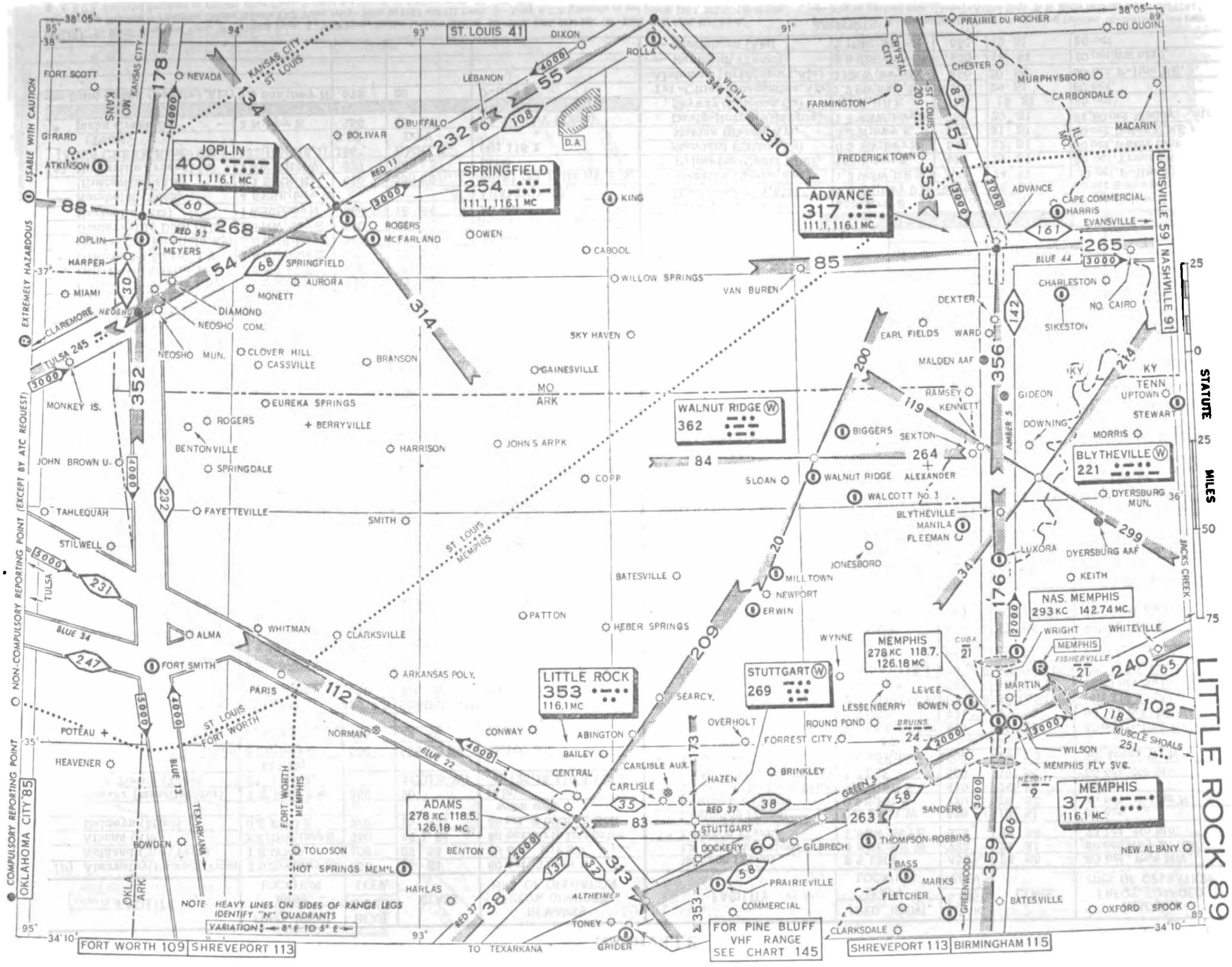
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- ·-·-(0.69)	OM- – –(4.8R)
				MMK-201 ···		OMK- 215 ·–·–
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Spook (Pontotoc, Miss)	2 W;hwy N	3000	15 S1	80 oct. P-line N.
PINE BLUFF Range (Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Czark, Ark)	1.2 NNW	600	25 S1	80 oct. Hwy SW. Bldg SW.
Martin (Memphis, Tenn)	6 ENE;RR N	258	22 S6	80,91 oct. P-line S.
Ozark Skyranch (Eureka Springs, Ark)	See Eureka Springs under "New Facilities" - name changed.			
Central (N. Lit'l Rock, Ark)	5 ENE;hwy S	255	35 S4	80 oct. Trees W. Caution.
New Albany (Miss)	2 W;hwy S	450	15 S1	80 oct. All apps blkd exc N,S
Wright (Memphis, Tenn)	9 N;hwy,RR E	214	35 S2	80 oct. P-line E.
Morris (Obion, Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City, Tenn)	1 NE;hwy SE	350	15 S4	80 oct. No sto. P-line S.
Keith (Henning, Tenn)	1 SW;RR SE	350	12 S1	80 oct. Trees W,SW,E.
Toloson (Mt. Ida, Ark)	0.3 N	650	24 S1	73 oct. P-line both ends. Soft.
Lessenberry (Parkin, Ark.)	1.3 SW;hwy E	200	12 S2	80 oct. Trees N
→ Patton (Clinton, Ark.)	2.1 S;hwy E	755	25 S1	Ltd 80 oct. Trees sur fld. Soft.
Owen (Seymour, Mo)	3 NE	1600	21 S2	80 oct. Use strip only.
Gainesville (Mo)	2 ENE hwy SW	1060	18 S1	80 oct. Trees NW.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct. Trees S,NE. Bldg N.
Clover Hill Exeter, Mo)	0.7 WNW	1530	13	Use strips only.
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct. N,S,SW blkd. Poles
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. NW,NE.
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct. N blkd.
Alexander (Paragould, Ark.)	12 NE		25	Trees N,S. Data unver.
Stewart (Union City, Tenn)	5 ESE;hwy NE		18h L S6	80,91 oct. Flood lgts.
Meyers (Carthage, Mo)	2 S;hwy E	1007	26 L S6	80 oct. Port rnwy lgts.
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. P-line NE,SW,E,S
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct. N,S,SW blkd Poles
Owen (Seymour, Mo)	3 NE;orchard E	1600	21 S2	80 oct. Use strip only NW,
Gainesville (Mo)	2.0 ENE;hwy SW	1060	18 S1	80 oct. Trees NW NE.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct. Trees S,NE; bldg N
Clover Hill Airstrip	0.7 WNW	1530	13	Use strip only
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct. N blkd.
Downing (Hayti, Mo)	1.5 W;hwy S	270	16 S2	80 oct. P-line S. Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N; trees S
Buffalo Mun. (Mo)	1.2 NW;hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N; p-line S
Dixon (Mo)	1.5 W;RR S	1220	16 S1	80oct Trees NNE,NW
Sikeston (Mo) (Ark.)	2 NE; RR S	315	58 S6	80 oct. P-line W.
(P) Hot Springs Memor'l	3SW;hwy N	525	41h L5 S6	80,91 oct. Lgts prior req.
Eureka Springs (Ark)	6.5 NW;riv E	1150	14 S1	80 oct. NW blkd.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1; 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities.

L-lighting facilities. S-servicing (see page ...(II) →←NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ST. LOUIS 41
JOPLIN 400 111.1, 116.1 MC
SPRINGFIELD 254 111.1, 116.1 MC
ADVANCE 317 111.1, 116.1 MC.
WALNUT RIDGE (W) 362
BLYTHEVILLE (W) 221
NAS. MEMPHIS 293 KC 142.74 MC.
MEMPHIS 278 KC 118.7. 126.18 MC
MEMPHIS 371 116.1 MC.
STUTTGART (W) 269
LITTLE ROCK 353 116.1 MC
ADAMS 278 KC. 118.5. 126.18 MC.
FOR PINE BLUFF VHF RANGE SEE CHART 145
FORT WORTH 109
SHREVEPORT 113
SHREVEPORT 113
BIRMINGHAM 115
OKLAHOMA CITY 85
TO TEXARKANA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8° E TO 5° E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
LITTLE ROCK 89
STATUTE MILES
25 0 25 50 75
FORT SCOTT
NEVADA
GIRARD
ATKINSON
JOPLIN
HARPER
MIAMI
CLAREMORE
TULSA 245
MONKEY IS.
JOHN BROWN U.
TAHLEQUAH
STILWELL
TULSA
BLUE 34
POTEAU
HEAVENER
BOWDEN
OKLA
ARK
BLUE 13
TEXARKANA
FORT WORTH MEMPHIS
ST LOUIS FORT WORTH
PARIS
FORT SMITH
ALMA
WHITMAN
CLARKSVILLE
ARKANSAS POLY.
NORMAN
CONWAY
ABINGTON
BAILEY
CENTRAL
CARLISLE AUX.
CARLISLE
HAZEN
SEARCY.
OVERHOLT
FORREST CITY
ROUND POND
BRUINS
LESSENBERRY
BOWEN
LEVEE
WYNNE
CUBA
MARTIN
WRIGHT
WHITEVILLE
FISHERVILLE
WILSON
MUSCLE SHOALS
MEMPHIS FLY SVC.
NESBITT
SANDERS
BRINKLEY
GREEN 5
RED 37
STUTTGART
DOCKERY
GILBRECH
THOMPSON-ROBBINS
NEW ALBANY
BASS
MARKS
FLETCHER
GREENWOOD
BATESVILLE
OXFORD
SPOOK
PRAIRIEVILLE
COMMERCIAL
CLARKSDALE
ALTHEIMER
TONEY
GRIDER
HARLAS
BENTON
TOLOSON
HOT SPRINGS MEM'L
ROGERS
BENTONVILLE
SPRINGDALE
EUREKA SPRINGS
BERRYVILLE
HARRISON
JOHN'S ARPK
FAYETTEVILLE
SMITH
ST. LOUIS MEMPHIS
BATESVILLE
PATTON
HEBER SPRINGS
JONESBORO
MILLTOWN
NEWPORT
ERWIN
WALNUT RIDGE
WALCOTT NO. 3
BLYTHEVILLE
MANILA
FLEEMAN
SLOAN
BIGGERS
SEXTON
ALEXANDER
RAMSEY
KENNETT
GIDEON
DOWNING
MORRIS
STEWART
UPTOWN
TENN
KY
DYERSBURG MUN.
DYERSBURG AAF
LUXORA
KEITH
JACKS CREEK
MALDEN AAF
EARL FIELDS
WARD
DEXTER
CHARLESTON
SIKESTON
NO. CAIRO
BLUE 44
EVANSVILLE
CAPE COMMERCIAL
HARRIS
ADVANCE
FREDERICKTOWN
FARMINGTON
CRYSTAL CITY
ST LOUIS 209
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
ILL
MO
LOUISVILLE 59
NASHVILLE 91
KING
ROGERS
McFARLAND
OWEN
CABOOL
WILLOW SPRINGS
VAN BUREN
SKY HAVEN
GAINESVILLE
MO
ARK
COPP
SMITH
DIXON
ROLLA
LEBANON
BUFFALO
BOLIVAR
D.A
KANSAS CITY
ST LOUIS
KANSAS CITY
MO
VICHY
RED 11
RED 53
BLUE 22
BLUE 44
AMBER 3
GREEN 5
MONETT
AURORA
SPRINGFIELD
DIAMOND
NEOSHO COM.
NEOSHO MUN.
CLOVER HILL
CASSVILLE
BRANSON
MEYERS
JOPLIN
NEOSHO
CLAREMORE
88
268
54
68
60
30
352
178
134
232
55
108
4000
3000
2000
314
310
344
85
157
353
265
161
142
356
200
119
214
84
264
20
34
176
209
240
65
102
118
251
24
263
58
60
38
32
313
137
173
106
359
299
231
247
112
83
35
37
36
50
75
89
95
93
91
38°05'
34°10'

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Abernathy(Pulaski,Tenn)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW. req.
Athens (Ala)	3.2 NNW;hwy E	780	27 L S4	80 oct.Strip lgts prior
Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct. S blkd . Soft when wet.
➔ Beaver Dam (Decatur)	7 E;RR 3.5 N	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(P) [Berry] (Nashville,Tenn)	6 SE;hwy S	606	55h L6 S6	73,100 oct.
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct. Fld lgts on req.to commun. stn.
Boyd (McMinnville,Tenn)	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE,SW
(A) Campbell AAF (Hopkins-ville, Ky.) (A) ➔	12.8 S;RR E	557	54h	TMP INACT-NO FACS. CLOSED.
CHATTANOOGA Range (Tenn)	341(CB)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
[Chattanooga-Lovell]	5.5 E;RR E	678	45h L5 S6	80, 91 oct. (Tenn)
Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct.Sto.in emerg. Poles W.
Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	39 L3 S1	80 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct.Flood,strip lgts 2200, Mon thru Thurs.
Courtland (Ala)	1.8 W	588	50h	CLOSED.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct.No sto.(Tenn)
Dalton (Ga)	5.7 ESE	700	22 S1	80 oct.
➔ Davenport (Ft.Payne,Ala)	1.1 NE;RR,hwy NW	1010	24 L S4	80 oct.Flares prior req.
DeSoto Park Land.Strip (Ft.Payne, Ala)	6 NE	1556	18	
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	.P-line E;trees W
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct.E blocked.
Garnett (Hopkinsv'l,Ky)	5.5 SSE;RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
★ Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	Reservoir S.P-line SE.
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct. Ctn.
➔ Humboldt (Tenn)	4.6 ESE;hwy W			ABANDONED.
[Huntsville] (Ala)	3.1 S;RR E	610	38h S6	80-91 oct.Hills NE,E,S.
(A) Huntsville Arsenal (A)	7 SW;RR NW	677	50h L5	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186°. 2.62	BMRLZ-DTV	(4); 116.1
★ Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
NEW FACILITIES				
➔ Flint Creek (Decatur,Ala)	5.5 SSE;hwy N	575	20	P-line NE.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80 oct.Hwy E. (Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct. No sto.
Lexington (Tenn)	0.5 E;RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N.
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
★ Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct.P-line NW.(Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE.
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E;rd N	545	40h L5 S1	80,91 oct.No fuel for mil acft.
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBMRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W.
➔ [Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct.No sto.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct.No sto.P-line N,
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct.S blkd. Hwy E.
Skv Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. P les NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
★ Smithville Int,5,NA-WA	1 E;rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn)(A)	17 SE;RR SW	512	55h	TMP INACT-NO FACS.
S.T.College(Murfreesb'o)	2 E; hwy N	600	34 S4	80oct.Poles N.(Tenn)
Thomas(Chattanooga)	3 N;RR E	640	38	(Tenn)
University of South	1.8 WNW;RR NE	870	23 S2	80 oct. (Cowan,Tenn)
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma,
Wood-Dearing(Russellv'l,Tenn)	4 E	780	20 S4	Fuel from town Tenn)

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

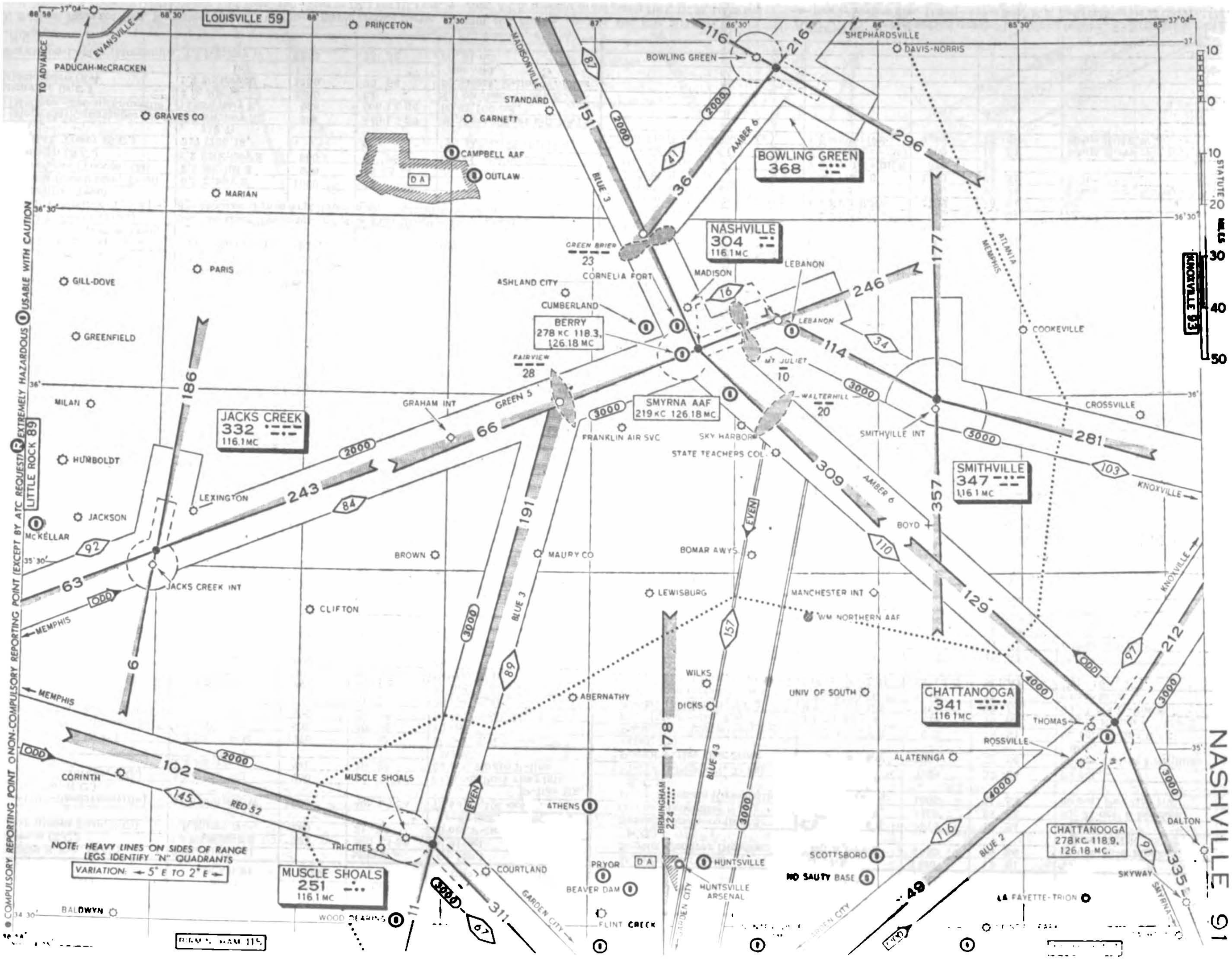
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM-•—•—(0.81)	OM- — — (5.7)
					MMK-356 •—••	OMK-375 •—•
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM-••••••(0.81)	OM- — — (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Greenfield (Tenn)	2 SSW;riv S	410	35 S1	80 oct.P-line N NW—
Moody(Oneonta,Ala)	1.5 NE;hwy 0.5 NW	790	18 S4	80 oct.Soft when wet blkd,
Abington (Beebe,Ark)	1.5 WSW;RR S	300	24 S1	30 oct.P-line SE,N,NE,
Princeton (Cedar Bluff)	4 SSW;hwy S	400	25 S1	80 oct.Trees SW.(Ky)
Standard (Elkton,Ky)	0.5 SW;hwy N	540	22 S1	80 oct.Water tank E of N
Marian (Hazel, Ky)	3.2 N;hwy E	532	21 S1	80 oct.Poles E,NE. end strip
Davis-Norris (Glasgow)	1.4 WSW;hwy SE	760	20 S1	91,80 oct.Muddy.
Skyway (Calhoun,Ga)	4.5 N;RR E	730	15 S1	80 oct.
Tri-Cities (Tuscumbia,Ala)	1.2 SW;hwy .5 ENE	500	26 S4	80 oct.
Alatennga (Bridgeport,Ala)	3 NNW;hwy SE	650	20 S4	80 oct.P-line NE.
➔ Humboldt (Tenn.)	2.8 ESE;hwy SW	380	18 S1	80 oct.SW blkd.
➔ Scottsboro (Ala)	2 NNE;RR SE	666	19 S1	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Secopd Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➔ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NASHVILLE 91
LOUISVILLE 59
LITTLE ROCK 89
KNOXVILLE 69
PADUCAH-McCRACKEN
EVANSVILLE
TO ADVANCE
PRINCETON
MADISONVILLE
STANDARD
GARNETT
GRAVES CO
CAMPBELL AAF
OUTLAW
D A
MARIAN
PARIS
GILL-DOVE
GREENFIELD
MILAN
HUMBOLDT
JACKSON
McKELLAR
LEXINGTON
JACKS CREEK INT
JACKS CREEK
332
116.1MC
GRAHAM INT
GREEN 5
BERRY
278 KC 118.3,
126.18 MC
FAIRVIEW
28
ASHLAND CITY
CUMBERLAND
CORNELIA FORT
GREEN BRIER
23
BOWLING GREEN
BOWLING GREEN
368
SHEPHARDSVILLE
DAVIS-NORRIS
NASHVILLE
304
116.1MC
MADISON
LEBANON
MT JULIET
10
WALTERHILL
20
SMYRNA AAF
219 KC 126.18 MC
FRANKLIN AIR SVC
SKY HARBOR
STATE TEACHERS COL
SMITHVILLE INT
SMITHVILLE
347
116.1 MC
COOKEVILLE
CROSSVILLE
ATLANTA
MEMPHIS
AMBER 6
BLUE 3
BLUE 43
BLUE 2
RED 52
GREEN 5
EVEN
ODD
STATUTE MILES
KNOXVILLE
MEMPHIS
BROWN
MAURY CO
BOMAR AWYS
CLIFTON
LEWISBURG
MANCHESTER INT
WM NORTHERN AAF
WILKS
DICKS
ABERNATHY
UNIV OF SOUTH
CHATTANOOGA
341
116.1MC
CHATTANOOGA
278 KC. 118.9,
126.18 MC.
THOMAS
ROSSVILLE
ALATENNGA
CORINTH
MUSCLE SHOALS
TRI-CITIES
ATHENS
COURTLAND
PRYOR
BEAVER DAM
FLINT CREEK
BIRMINGHAM
224
HUNTSVILLE
HUNTSVILLE ARSENAL
SCOTTSBORO
NO SAUTY BASE
LA FAYETTE-TRION
DALTON
SKYWAY
BOYD
MUSCLE SHOALS
251
116.1 MC
BALDWYN
WOOD DEARING
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5° E TO 2° E
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) ⓔ EXTREMELY HAZARDOUS ⓤ USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ANDERSON H Fac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct.P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR W	2090	40h L5 S4	73,80,91,100 oct. P-line NE.
(P) Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73,91 oct.Port rnwy lgts.
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto.P-line WNW.
Black Mountain (N.C.)	1.8 SW; RR N	2270	25 S2	80 oct. Soft.Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct.Trees SSW,ESE.
Bristol (Va)	3 NE		18 S1	80 oct. Data unver.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct.Flood lgts on req
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct.P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;RR N	745	52h L5 S6	80, 91 oct.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
→ Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80,91 oct.
Francis Marion (Marion,N.C.)	2.5 NE;PP N.	1450	19 S6	80 oct. Hill E
Franklin (N.C.)	1.2 ESE;riv W	1996	28 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	27 S4	80 oct.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2° ,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW.
Hendersonville (N.C.)	1.5 ESE;hwy SW	2200	30 S6	80, 91 oct. SE blkd.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
Jasper (Ga)	1 N;RR W	1935	17 S2	80 oct.
Johnson City (Tenn)	3.8 NE	1560	21 S6	81 oct. No sto.
Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°.2.8	SBRAZ-DTV	(3): 116.1, 122.1
KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
(P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	49 L3 S4	80, 91 oct
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	317 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(N,P) [Memorial] (Spartanburg,S.C)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct.100 oct.mil.NATS.
(P) [McGhee-Tyson] (Knoxville)	12 SSW;hwy E	988	50h L6 S6	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct.F-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct.P-line S.
Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17 S4	Trees NNW.
SPARTANBURG Range (Memorial) (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
Statesville (N.C.)	4.5 WSW; RR SE	990	27 S2	80 oct. Trees N.
Sylva (N.C.)	2.4 NE;riv SW	2039	23 S2	80 oct.
TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

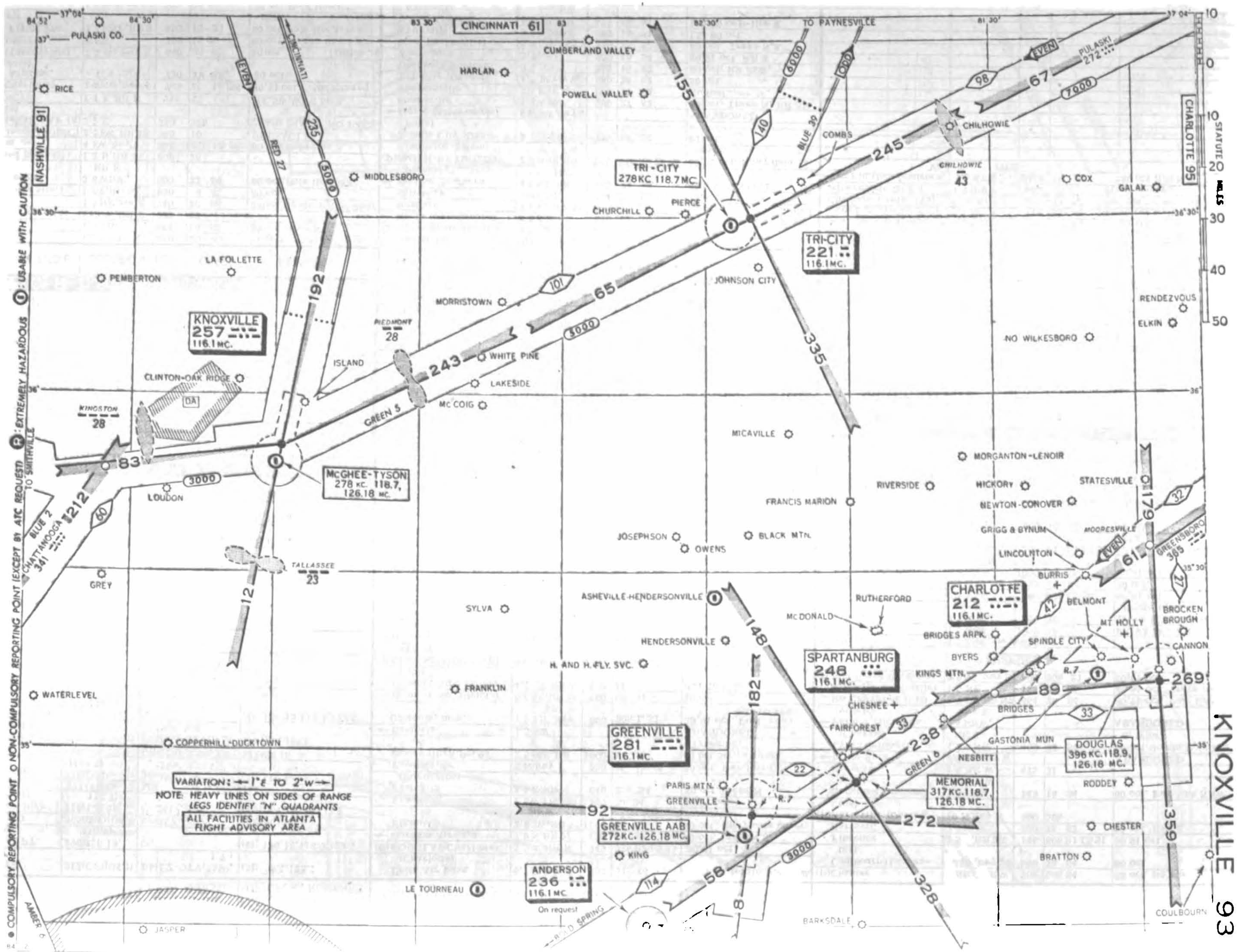
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Mc-GHEE TYSON	110.3	335	44°	MM- •—• (0.61)	OM- — — (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

Combs (Bristol,Va)	3 NE	1865	20 S6	80 oct.P-line N.
McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5
Harlan (Dillon,Ky)	0.5 E;RR N	1150	21 S1	80 oct.Pole E.Ctn.Mtns
Riverside Arpk (Morganton,N.C.)	2 W;riv NE	1020	22 S2	80 oct.Mtn E.
Rendezvous (Jonesville,N.C.)	1 E;riv N	1000	22 S1	80 oct.NW blkd.
Bratton (Chester,S.C.)	1.4 SE;RR SW	550	17 S2	80 oct.Emerg. only.
Copperhill-Ducktown	2.5 NE	1700	15	(Copperhill, Tenn)
Waterlevel (Cleveland,Tenn)	3 SSE;hwy N	800	20 S1	80 oct. N,S blkd.
Grey (Athens, Tenn)	2.2 N;RR E	691	23 S4	80 oct.
Pemberton(Glenmary,Tenn)	0.8 NNE;RR W	1370	18	E,W blkd.
White Pine (Tenn)	0.5 S;hwy E	1160	18 S1	80 oct.
Mc Coig(Newport, Tenn)	5 W;hwy N	1330	16	P-line E.
London (Tenn)	1.8 WSW;riv 1 N	800	14 S1	80 oct
La Follette(Jacksboro,Tenn)	1.5 NE;RR NW	1129	18 S1	80 oct
Clinton-Oak Ridge(Clinton)	4.6 S;rd S	860	20 S4	80 oct.P-line WSW;ENE blkd.
Churchill (Tenn)	1 SE;riv 1 S	1240	22 S1	80 oct. (Tenn)
Mt. Holly (N.C.)	2.5 NW;hwy,RR E	850	20	
→ Nesbitt (Gaffney,S.C.)	2.1 WNW;hwy SE	800	15 S1	80 oct.E,erg only.NNE blkd.
→ Cox Fld (Independence,Va.)	4.5 WSW;riv S	2459	16 S2	80 oct.Hill E,W.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.6 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.68, 140.56 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →← New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CINCINNATI 61
TO PAYNESVILLE
PULASKI CO.
CUMBERLAND VALLEY
HARLAN
POWELL VALLEY
RICE
NASHVILLE 91
CHARLOTTE 95
CINCINNATI
EVEN
RED 27
235
5000
MIDDLESBORO
155
6000
140
BLUE 39
COMBS
98
67
7000
PULASKI
272
CHILHOWIE
245
CHILHOWIE
43
COX
GALAX
TRI-CITY
278KC 118.7MC
CHURCHILL
PIERCE
TRI-CITY
221
116.1MC.
LA FOLLETTE
PEMBERTON
MORRISTOWN
101
65
3000
JOHNSON CITY
RENDEZVOUS
ELKIN
NO WILKESBORO
KNOXVILLE
257
116.1MC.
PIEDMONT
28
192
ISLAND
243
WHITE PINE
LAKESIDE
MC COIG
CLINTON-OAK RIDGE
0A
KINGSTON
28
GREEN 5
335
MICAVILLE
MORGANTON-LENOIR
RIVERSIDE
HICKORY
STATESVILLE
83
3000
LOUDON
McGHEE-TYSON
278 KC. 118.7,
126.18 MC.
FRANCIS MARION
NEWTON-CONOVER
1212
60
BLUE 2
CHATTANOOGA
341
JOSEPHSON
OWENS
BLACK MTN.
GRIGG & BYNUM
MOORESVILLE
LINCOLNTON
EVEN
179
32
GREENSBORO
365
61
TALLASSEE
23
GREY
12
ASHEVILLE-HENDERSONVILLE
SYLVA
RUTHERFORD
MC DONALD
CHARLOTTE
212
116.1MC.
BURRIS
42
BELMONT
MT HOLLY
BRIDGES ARPK.
BYERS
SPINDLE CITY
BROCKEN
BROUGH
CANNON
HENDERSONVILLE
H. AND H. FLY. SVC.
SPARTANBURG
248
116.1MC.
KINGS MTN.
R.7
89
269
FRANKLIN
182
WATERLEVEL
CHESNEE
BRIDGES
33
FAIRFOREST
238
GASTONIA MUN
DOUGLAS
396 KC. 118.9,
126.18 MC.
COPPERHILL-DUCKTOWN
GREENVILLE
281
116.1MC.
NESBITT
GREEN 6
22
MEMORIAL
317KC. 118.7
126.18 MC.
RODDEY
PARIS MTN.
GREENVILLE
R.7
92
272
CHESTER
GREENVILLE AAB
272KC. 126.18 MC.
KING
3000
BRATTON
359
ANDERSON
236
116.1MC.
On request
LE TOURNEAU
114
58
8
328
COULBURN
BARKSDALE
JASPER
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
① : USABLE WITH CAUTION
② : EXTREMELY HAZARDOUS
TO SMITHVILLE
STATUTE MILES
KNOXVILLE 93

RADIO

NORTH CAROLINA

LOCATION	FREQ..IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3): 116.1,122.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4): 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-DTV	(3):116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4):118.7,126.18,122.5
LUMBERTON	278(FNE)	MH	(3)
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V ;355°,2.3	(3): 116.1
Pope Field	396(126.18)+	CA(ILS):355°, 2.3	(3):126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3):116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4): 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	MRLWZ;328°, 5.1	

SOUTH CAROLINA

FLORENCE	320(FL)(116.1)	SBMRLZ-DTV, 292°,1.7	(4):116.1,122.1

VIRGINIA

DANVILLE	344(VE)(116.1)	MHTV	(4):116.1 (Manned 8-24)
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4): 116.1
ROANOKE (Woodrum Field)	371(ROI)(116.1)	SBRAZ-DTV, 349°,2	(3): 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4): 122.5,118.5,126.18

NEW RADIO FACILITIES

→ RALEIGH-DURHAM (Raleigh),N.C.	272(126.18, 118.3)	C	(4):126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
POPE(A)				DECOMMISSIONED			
RALEIGH,	109.9	333.8	48°	IM-	MM- ·—— (0.62)	OM-	——(4.43)
					MMK-		OMK-
				IM-	MM-		OM-
					MMK-		OMK-
				IM-	MM-		OM-
					MMK-		OMK-

S-Simul Range and Voice; W Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25 S2	80 oct E,SE,W,NW blocked
Asheboro	1.8 SSW	864	18 S2	80 oct. Hwy NW.
(A)Balloon (Ft.Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct.No sto.P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	4 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct.Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct.Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS
→ Candor (NC)	1.1 E,RR N	710	19	NE,SW,WNW blkd.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct.Flood lgts req
Carolina Arpk Inc. (Kannapolis)	1.5 S;RR	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W;hwy E	640	20 S2	80 oct. line W, S
Coley (Concord)	2 SW,	790	15 S2	80 oct. Trees ESE,Twr
Colonial Flying Svc. (Mt. Airy)	1.4 NNE,RR S	950	15 S1	80 oct.Pole line,trees NNW.
Concord	4.5 ESE,rd E,S	700	15 S6	80 oct.Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct.No sto.Poles NW
(P) DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S6	80,91 oct.
→ Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct. Trees N,S.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S4	80,91 oct.
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct.Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct.Strips rough. Trees SE.
→ Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Pwr line SSE.
(N) GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct.NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct.Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
→ Kannapolis	2.8 N,RR E	750	23 S6	80,91 oct.Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE,RR E	400	19 S4	80 oct.No sto.Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct.Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct.Pole line NW.
(P)Lumberton	3 WSW	126	50h R1 L2 S6	80,91,100 oct.Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
→ Mayo (Mayodan)	0.8 W,riv E	900	24 S2	80 oct.P-line N,S.Trees W
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	29 S4	80,91 oct, P-line SE,SSW, WSW
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNW blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S4	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR	700	40 S1	80,91 oct.SW blkd.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW,SW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct.P-line S
(A)Pope (Ft.Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RRW	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
→ Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,E,SW blkd.
Roxboro	7 NE,RR 2,3W	600	22 S2	80 oct.
Salisbury	3 SW,RR E	764	25 L2 S6	73 oct.
→ Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S6	80 oct N.S blkd.
(P)SMITH-REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct. Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy E	795	19 S2	80 oct.
→ Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	4.5 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. Rnwy N,
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees N,S.
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oc P-line E

SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
→ Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct.No sto.Pole line S, WSW.
→ Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S1	80,91 oct.

VIRGINIA

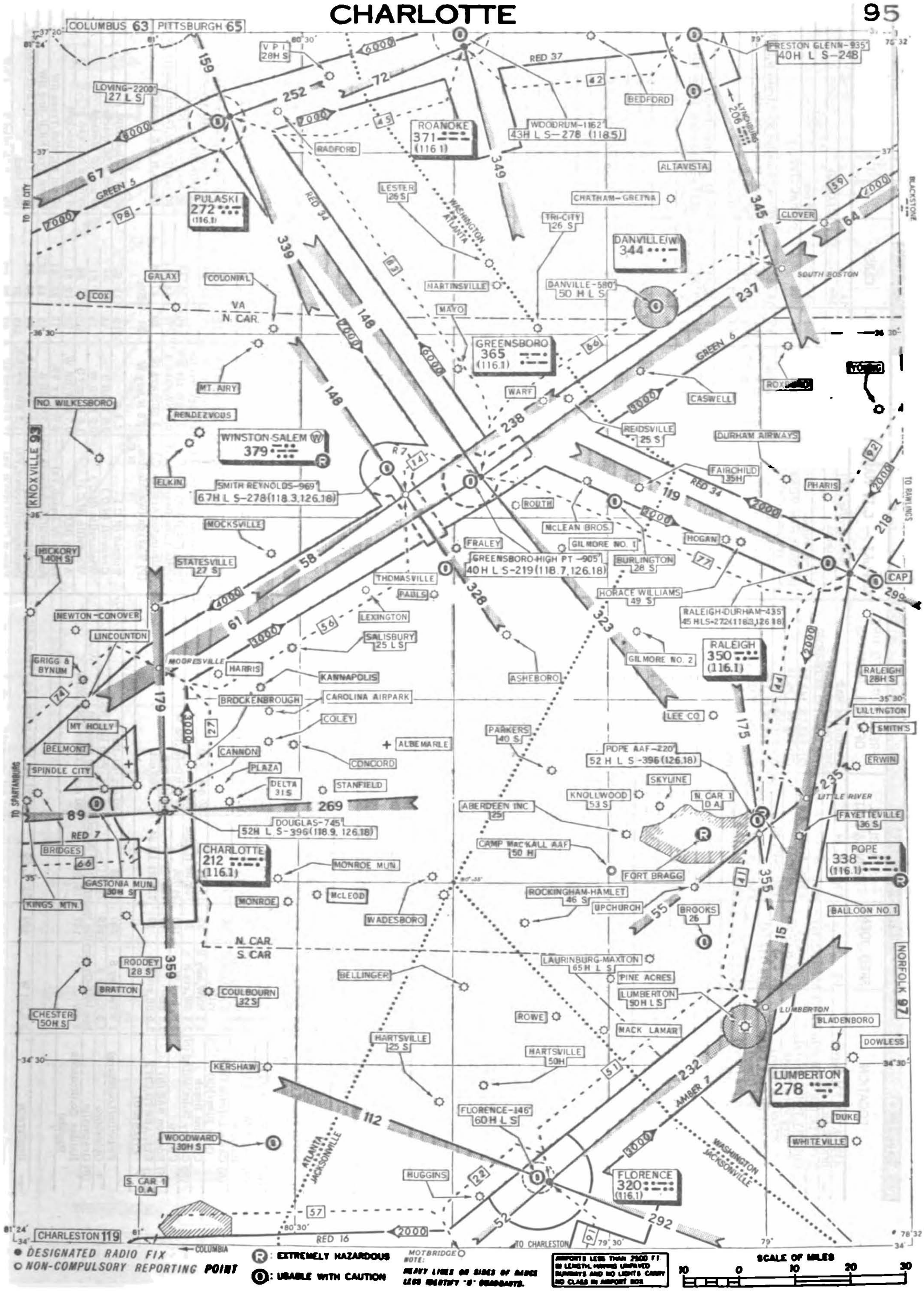
→ Altavista	5.7 ENE;riv 2S	650	21	
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW. riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR N	1000	24 S6	80,91 oct.20-75' bldgs SE.
Loving, 35A, NA-WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW.No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	50h L S6	80,91 oct, Flood lgts only 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.

NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate)(N.C)	1.5 SE; RR N	565	22 S4	80 oct. No sto
Rauls Air Park (Thomasville,N.C.)	6.5 SSE	775	26	80,91 oct
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct.High trees S, SW approchs,NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct Trees N,S.
→ Radford, (Va.)	1 SW;RR N,W	1950	18 S1	80 oct.P-line W
Grigg & Bynum Arpk (Maiden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
Lincolnton (N.C.)	3.2 ENE	1500	30 S6	80 oct. P-line SSW
Rendezvous(Jonesv'l)	1.0 E;riv N	1000	22 S	80 oct. N W blkd.(N.C)
Bladenboro (N.C.)	0.7 NE;RRW	110	24 S2	80 oct.
Smith's (Coats,N.C.)	1 N;RR	288	13 S1	80 oct. P-line SSE,NNW,
Dowless(Abbotsburg)	0.2 N;RR S	99	24 S	80 oct. SE, SW blkd.
Mack Lanier(Clio,S.C)	2.3 NE	172	21 S2	80 oct.E,SE blkd. (N.C)
Chatham-Gretna (Va)	6 SE;ditch E	550	24 S2	80 oct Trees ENE,WSW,W
Albermarle (N.C.)	1.7 NW	565	37	Data unver
→ Cox Fld. (Independence, Va.)	4.5 WSW; riv S	2459	16 S2	80 oct.Hill E,W

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page 117) (NC-(not charted) → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 63
PITTSBURGH 65
VPI 28H S
PRESTON GLENN-935'
40H L S-248
LOVING-2200'
27 L S
ROANOKE
371
(116.1)
WOODRUM-1162'
43H L S-278 (118.5)
BEDFORD
RADFORD
ALTAVISTA
LYNCHBURG
206
PULASKI
272
(116.1)
LESTER
26 S
WASHINGTON
ATLANTA
CHATHAM-GRETNA
TRI-CITY
26 S
DANVILLE(W)
344
CLOVER
SOUTH BOSTON
BLACKSTONE
TO TRI CITY
GALAX
COLONIAL
COX
VA
N. CAR.
MARTINSVILLE
MAYO
DANVILLE-580'
50 H L S
GREENSBORO
365
(116.1)
WARF
CASWELL
ROXBORO
NORTON
MT. AIRY
NO. WILKESBORO
RENDEZVOUS
WINSTON-SALEM
379
ELKIN
SMITH REYNOLDS-969'
67H L S-278(118.3,126.18)
REIDSVILLE
25 S
DURHAM AIRWAYS
FAIRCHILD
35H
PHARIS
KNOXVILLE 93
MOCKSVILLE
ROUTH
McLEAN BROS.
HOGAN
FRALEY
GILMORE NO. 1
GREENSBORO-HIGH PT -905'
40 H L S-219(118.7,126.18)
BURLINGTON
28 S
HICKORY
40H S
STATESVILLE
27 S
THOMASVILLE
PAULS
LEXINGTON
HORACE WILLIAMS
49 S
RALEIGH-DURHAM-435'
45 H L S-272(118.3,126.18)
CAP
NEWTON-CONOVER
LINCOLNTON
SALISBURY
25 L S
GRIGG & BYNUM
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
RALEIGH
350
(116.1)
RALEIGH
28H S
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO
LILLINGTON
MT HOLLY
COLEY
PARKERS
40 S
SMITH'S
BELMONT
CANNON
ALBEMARLE
POPE AAF-220'
52 H L S-396(126.18)
ERWIN
SPINDLE CITY
PLAZA
CONCORD
SKYLINE
KNOLLWOOD
53 S
N. CAR. 1
D.A.
LITTLE RIVER
DELTA
31 S
STANFIELD
TO SPARTANBURG
ABERDEEN INC.
25
FAYETTEVILLE
36 S
DOUGLAS-745'
52H L S-396(118.9, 126.18)
CAMP MACKALL AAF
50 H
POPE
338
(116.1)
BRIDGES
CHARLOTTE
212
(116.1)
MONROE MUN.
FORT BRAGG
GASTONIA MUN.
30H S
MONROE
McLEOD
ROCKINGHAM-HAMLET
46 S
UPCHURCH
BROOKS
26
BALLOON NO. 1
KINGS MTN.
WADESBORO
N. CAR.
S. CAR.
LAURINBURG-MAXTON
65H L S
PINE ACRES
RODDEY
28 S
BELLINGER
LUMBERTON
50H L S
BRATTON
COULBOURN
32 S
CHESTER
50H S
ROWE
MACK LAMAR
LUMBERTON
BLADENBORO
DOWLESS
NORFOLK 97
HARTSVILLE
25 S
HARTSVILLE
50H
KERSHAW
LUMBERTON
278
FLORENCE-146'
60H L S
DUKE
WHITEVILLE
WOODWARD
30H S
ATLANTA
JACKSONVILLE
WASHINGTON
JACKSONVILLE
HUGGINS
FLORENCE
320
(116.1)
S. CAR. 1
D.A.
CHARLESTON 119
RED 16
COLUMBIA
TO CHARLESTON
MOTBRIDGE
TO RALEIGH
TO NORFOLK
159
72
252
67
GREEN 5
98
RED 37
42
45
349
RED 34
83
339
148
66
GREEN 6
237
345
59
64
119
77
218
92
299
58
61
56
328
323
74
179
27
175
44
235
238
R7
14
89
RED 7
66
269
359
55
15
51
232
AMBER 7
112
57
22
52
292
91
79°30'
80°30'
81°24'
34°
35°30'
36°30'
37°
37°20'
81°
80°
79°
78°32'
6000
7000
4000
3000
2000
1000
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
Ⓡ: EXTREMELY HAZARDOUS
Ⓞ: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF AIRWAY LEGS IDENTIFY "B" CORRIDORS.
AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS III AIRPORT SYM.
SCALE OF MILES
10 0 10 20 30

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
→ BOGUE MCAAF			DECOMMISSIONED
CAMP LE JEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
→ OAK GROVE MCAAF (Pollocksville)			DECOMMISSIONED
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	[illegible](FG)	MRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	[illegible] (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

VIRGINIA

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)(116.1)	SBMRAPZ-DTV;102°,3.8	(3); 116.1
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h L S6	80,91 Oct. Flood lgts. T rees SE
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington)
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct, Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW,hwy S	290	20 S4	80 oct. Hi-line S
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW	147	18 S2	80 oct. Trees ENE,NNW
→ Henderson	3 S,RR W	490	21 L S6	80,91 oct,Lgts prior req.Trees ESE, WNW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville) (N)	2.5 NW,riv S	27	40h	INACTIVE.
Peiffer(Wilmington)	6 ESE,hwy N	10	18 S6	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	CLOSED.
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80,91 oct.Flood lgts.P-line NNE,NE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L S4	80-100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S2	80 oct.

VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80,91 oct.
Petersburg	6.2 WSW,RR N	190	50h	
→ Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,SW,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville, (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Cape Charles (Va)	1.8 E;RR S	15	22 S2	80 oct,NW blkd,House SSE.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
→ Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE			ABANDONED.
Smith Fld (Kinston,N.C.)	3.7 SW;riv NW	40	26 S4	80 oct,P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S1	80 oct.No sto.(White Lake)E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct,N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
Enfield (N.C.)	1.8 E	113	15 S2	80 oct.P-line SSW.
Creswell (N.C.)	0.5 N;RR S	15	19 S2	80 oct.S,SE blocked
Winterville (N.C.)	0.5 E;RR W	25	12 S1	80 oct.NW blocked.
Woodville (N.C.)	1.5 W;hwy S	15	20 S6	80 oct.S blocked.
Ayden (N.C.)	0.7 SSW;RR W	25	19 S1	80 oct.ESE blocked.
Thalia(Va.Beach,Va)	8 W;hwy 5S	12	23 S1	80 oct.NE blkd.Trees SW
Roosevelt(Portsmouth,Va)	4.2W;RR S	15	33 S6	80 oct.Tree SE.P-line NW
Portsmouth (Va)	7.8 WSW;RR S	20	35 S1	80 oct.Trees sur fld.Soft when wet.
Pennington(Brodnox,Va)	1.2 NWhwy NNE	325	21	NNE blkd.
Peanut City(Suffolk,Va)	2.8 N;hwys SE	40	25 S2	80 oct.SSW blkd.Trees NNE
Norview(Norfolk,Va)	4.5 NNE	16	24 S6	80 oct. P-line S.

NORFOLK 97

ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA

PITTSBURGH 65 WASHINGTON 67

TO CHESTER

TO WASHINGTON

TO SOUTH BOSTON

FARMVILLE

BLACKSTONE 326 (116.1)

LANGLEY AAF 221 (116.1)

CAPE CHARLES

BUCKROE BEACH

CAPE CHARLES

NAS. NORFOLK 356

HAMPTON ROADS

WHITEHURST

NORFOLK 239 (116.1)

ECLIPSE 16

DEEP CREEK 10

HOPEWELL

COLONIAL HGTS. 25 S

BACONS CASTLE

RICHMOND 260

RAWLINGS

PETERSBURG 50H

BLACKSTONE - 440' 53 H

ALBERTA

PENNINGTON

FOR DETAILS IN THE NORFOLK AREA SEE CHART 141

VA. 3 D.A.

VA. 2 D.A.

HENDERSON

LAWRENCEVILLE 28 L S

EMPORIA 50 H L S

VA

N CAR

HALIFAX CO

CREEDS 25 H

SOUTH MILLS 18

BARCO 40H

AYDLETTE 14

CGAS ELIZABETH CITY - 10' 72 H L S - 278 (142.74)

WOODVILLE

NAS. WEEKSVILLE 524

WARRENTON 28 L

ENFIELD

FRANKLIN

TARBORO 30 S

NAS. EDENTON 72 H

SPIVEY

EDENTON 26

NAF. WEEKSVILLE - 7 37H L S - 3295 (142.74)

MANTEO 32

ROCKY MOUNT 40H S

WILSON 45H S

AVALON 28 S

ZEBULON

PLYMOUTH

CRESWELL

PITT-GREENVILLE 50H

ROANOKE IS. 33 H S

WARREN 50H

WINTERVILLE

AYDEN

SELMA

GOLDSBORO 25 S

KINSTON

SIMMONS-KNOTT 40H S

MCAS. CHERRY PT 224

SMITH

MT OLIVE

CLINTON

NEW BERN 14

SEYMOUR-JOHNSON AAF - 80' 50H

MCAAF. OAK GROVE - 27' 40 H

MCAS. CHERRY POINT - 29' 76H L S - 3295 (142.74)

WALLACE

WHITE LAKE BEACH

BURGAW

CAMP LE JEUNE OLF - 24' 50 H - 3295 (142.74)

MOREHEAD CITY

BEAUFORT-MOREHEAD CITY 43H

MCAAF, BOGUE 40 H

MCAAF, ATLANTIC 35 H

WASHINGTON OCEANIC CONTROL CENTER

JACKSONVILLE OCEANIC CONTROL CENTER

BLUETHENTHAL 70H S

PEIFFER

WILMINGTON

CAROLINA BEACH

CHARLESTON 119

INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 60 MILE RADIUS OF MCAS, CHERRY POINT.

INTEN. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE: HEAVY LINES ON SIDES OF ALARM AREAS IDENTIFY 'R' BOUNDARIES.

Ⓡ: EXTREMELY HAZARDOUS

Ⓐ: USABLE WITH CAUTION

SCALE OF MILES

10 0 10 20 30

RADIO CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-VDT, 149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV, 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV,244°,3.8	(3):116.1,122.1
LOS ANGELES	109.1(LA)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA ◆ :49,09	(3); 126.18
MIRAMAR MCAS (San Diego)	239(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	[illegible]	SBMRL-DTV,317°,0.1	(4);116.1,122.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV,216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 127°,2.9	(4);116.1,122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF.			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SC)(vhf)	SBRAZ-DTV,139°, 2.3	(3);116.1,122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)			DECOMMISSIONED
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	27 S6	80 oct.P-line E.
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct.No sto.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	57 S1	80 oct,Trees E,hills W.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct.No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct. Poles E. Data unver
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h R1	CLOSED
Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"-name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct.1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct.No sto.Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19	CLOSED. Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct.Poles E.
Gillespie(El Cajon)	2 NNW;rd E	385	54h	Towers W. (Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct.No sto.Trees SW.
(A) Helendale(Victorville)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct.Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct.No sto.Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E			ABANDONED.
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct.ARPT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct.Poles E.
(A) Mirage(Victorville)(A)	See El Mirage under "New Arpts" - name changed.			
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct.No ben.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S;hwy S	1100	32 S6	80,91 oct. P-line E,W.
(A) Muroc AAF (A)	2 S,dry lake N	2284	80h R2 L5 S6	73,100 oct.JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct.Poles,stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct.No sto.Twr SE.
Quartz Hill (Lancaster)	6.5 SW	2450	29 L S6	80,91 oct.Port rnwy lgts.Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W		23 50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR 1.5 W	1425	30 L S6	80,91 oct.Port lgts prior req.
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1156	76h R1 L5 S6	62,73,91,100 oct, JP-1
San Bernardino Co. (Daggett)	See Dagett Int,13 under "New Airports"- name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW;hwy W	3225	30 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	
Ridgecrest(Calif.)	0.3 S.	2300	40 L S4	80,91 oct.P-line E,NE.
Daggett Int, 13 LA-AC (Calif)	5 E;RR S	1927	64h R1 L3	
Cumberland Valley (Lynch, Ky)				
(P) El Mirage (Adelanto,Calif)	11 W,NW; lake ,5 N	2865	36h S5	80,91 oct.
Miro-Fontana (Rialto, Calif.)	1.5 NW;creek N	1400	24 S1	80 oct.T-line NE

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LOS ANGELES

99

ALL FACILITIES WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

NAF INYOKERN 72H

RIDGECREST

BAKERSFIELD 239

LA CRESTA

AMBER 1

TEHACHAPI 45 S

MOJAVE-2751' 59H

CALIF 17 D.A

MUROC AAF 350

BORON

MUROC AAF-2284' 80H L S-219 (126.18)

WHEELER RIDGE

LEMEC 42

LANCASTER

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2549' 70H L

CASTIAC 41

NEWHALL 209 (111.1, 116.1)

PALMDALE 332 (116.1)

LOS ANGELES 260 (111.1, 116.1)

DOWNEY 11

LA HABRA 21

FOR LOS ANGELES VHF RANGE SEE CHART 146

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH 11

CAPISTRANO AWYS

CALIF 9 D.A

CALIF 17 D.A

DAGGETT 365 (111.1, 116.1)

HAWES 56H

HELENDALE 56H

CALICO 58

BARSTOW

GREEN 4

MIRAGE

EL MIRAGE

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

VICTORVILLE "56"

DAGGETT 64H L

SILVER LAKE 269

TO MORGAN HILL

TO NEEDLES

LAS VEGAS 79

BLYTHE 101

TO SANTA BARBARA

SANTA BARBARA 75

AMBER 2

AMBER 8

BLUE 14

SUMMIT

FONTANA 17

SAN BERNARDINO 30H S

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1156' 76H L S-272 (126.18)

MIRO-FONTANA

RIVERSIDE 30 S

TRI-CITY 29 S

GREEN 5

INDIO

BANNING 25

BANNING 52H L S

HARMON

PALM SPRINGS 69H

INDIO 34 S

INDIO 242

ARLINGTON 32 S

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

MARCH AAF-1533' 70H L S-201 (126.18)

CALIF 13 D.A

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

OCEANSIDE 34

HI-HI SKY RANCH

SAN MARCOS VALLEY

ENGEL

McCORMICK

WARNER HOT SPRGS 35 S

DEL MAR 26 S

RAMONA

MT. LAGUNA 254 (116.1)

MCAS MIRAMAR-480' 60H L S-239 (142.74)

SAN DIEGO 224 (111.1, 116.1)

SAN DIEGO

GILLESPIE 54H

SWEETWATER SPRGS.

GIBBS 29 S

PEIK

LA MESA 13

EL CAJON

RED 9

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

CALIF 13 D.A

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

NAS SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

LA PRESSA

JAMACHA

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF 7 D.A

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD

WOLFE S

NAAS BROWN 60H

NAAS REAM-23' 50H S-3295 (142.74)

BORDERLAND

TO BLYTHE

TO EL CENTRO

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF BLOCK LEGS IDENTIFY "R" QUADRANTS.

SCALE OF MILES

10 0 10 20 30

RADIO

ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Yuma Co.)	230(UPX)(vhf)	SBMRAZ-DTV,165°,5.8	(4);116.1,122.1

CALIFORNIA

BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	6 N,RR NE	1434	64h	CLOSED
Conner (Quartzsite)	See Quartzsite under "New Airports" - name changed.			
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS.
Laguna Landing Strip (Laguna)	6.5 NE	500	50h	
→ Marsh (Yuma)	0.7 E,RR W	130	40 S6	80 oct.
Parker	1.4 ENE;RR .5 W	430	32 S6	80 oct.
Salome (NC)	0.7 S;RR NW	1876	45 S1	80 oct.Poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct Hills N
→ Smiley (Wellton)	13 E,RR S			ABANDONED.
→ Somerton	3 ENE;canal W	254	26 S4	80 oct.No sto.
★ → Tonopah Int,31, LA-PH	5 NNE Wintertersburg			ABANDONED.
→ Wellton	0.5 NW,RR S	225	24 S6	80,91 oct.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck) other hrs prior req.
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	80,100 oct.Avail 0700 to 1800,
Gary (Blythe)	5 NNW,RR N	392	29h	CLOSED.
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N, only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct.N/S taxiing only. Rnwy data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Yuma Co. (Ariz)	4.5 SSE.RR N	213	65h R1 L2S4	80,91 oct. Bndry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct. prior req.
Ajo (Ariz)	5 NE;rd,RR W	1490	40 S4	80 oct.Rough in spots.
Quartzsite (Ariz.)	0.5 SSW,hwy S	350	58	Trees N,W.N/S strip hazardous

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC-(not charted). → New or revised data.

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA 101

LAS VEGAS 79

TWENTY-NINE PALMS 40H
CALIF 18 DA
RICE AAF 55H
PARKER 32
WICKENBURG MUN 40 H S
PALM SPRINGS 69H
DESERT CENTER 38 L S
DESERT CENTER AAF 20H
CALIF ARIZ
GARY 392 29H
INDIO 34 S
INDIO 242 (116.1)
THERMAL AAF 50 H
PORT MECCA
SHAVERS SUMMIT AAF 60H
HARVEY
BLYTHE AAF 20 H
HERON 27 S
QUARTZSITE
SALOME 41 L
PEORIA
GREEN 9
WHITE TANK
SALTON SEA 40
CALIF. 4 DA
CALIPATRIA
BRAWLEY 30 S
O'CONNELL
IMPERIAL CO
BLYTHE 251 (111.1, 116.1)
LAGUNA 50H
GILA BEND 257 (116.1)
NAS. EL CENTRO -(-43') 69H L S-317(142.74)
CALIF. 12 DA
RED 9
TO CASA GRANDE
MARSH 40 S
DATELAN AAF 66H
GILA BEND NO 5 37H
GILA BEND AAF - 858' 62H
GILA BEND NO 6 37H
GILA BEND NO 4 37H
AJO
ARIZ 1 DA
AJO AAF 64H L S
MT. LAGUNA 254 (116.1)
EL CENTRO 212 (116.1)
HOLTVILLE 60 H L S
CALEXICO 28 S
SOMERTON 26 S
YUMA 230 (111.1, 116.1)
YUMA CO 65 H L S
WELLTON
JACUMBA HOT SPRINGS OLF 25
ARIZ MEXICO
LOS ANGELES 99
PHOENIX 103
TO SAN DIEGO
RIVERSIDE 388
PHOENIX 326

116°30' 34°30' 116° 115° 114° 113° 112°24' 34°30' 32° 31° 30° 29°30'

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.

(R): EXTREMELY HAZARDOUS
(I): USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

SCALE OF MILES
25 0 25 50

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°, 2.3	(3): 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18

NEW MEXICO

RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW,hwy S	1050	24 St	80 oct,Rough
→ Bisbee	6.4 SSE,RR W	4750	43 L S6	80 oct;91 oct on req. Poles W. Port rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Greenwl (Clifton)	8.7 SSE,hwy W	3800	50 S	80 oct.
★ Cochise Int,T-3,PH-EO	6 S,	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S;hwy W,S.	1450	32 S1	80 oct,P-line N.
(A) Coolidge AAF (A)	6.4 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW	1450	27 S4	80,91 oct,P-line NE,RR E,S
Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	5.5 SW;RR S	2692	80h R2 L5 S6	80,100 oct,P-line S.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED Twrs E.
→ Duncan	1 NE	3650	36 S2	80 oct.Poles WSW.
Falcon (Mesa)	7.3 NE;riv N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED
(P) Ft.Apache (White River)	2.6 SSW,riv S	5109	34 S2	80 oct. P-line N,NE
(A) Ft. Huachuca (A)	3.5 E;RR NW	4635	52	
→ Gilpin (Tucson)	4.2 NW,RR W	2200	56 L5 S6	80,91 oct.No flood. Fld lgts prior
Hayden	1.2 S,hwy E	1910	24	Obst sur fld. req.
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E,hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW;hwy S	3100	25	PRIVATE.
Litchfield (Litchfield Park)(NC)	0.5 N;cty S	1062	36	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S;RR S	968	60h R1 S1	100 oct.
(NC) Luke (Phoenix) (NC)	18 WNW	1106	45h	
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W;hwy	1238	27 S6	80,91 oct,No sto.P-line E.
Nogales Central	3 N,RR E	3600	25 S6	80,91 oct,P-line SE.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE;hwy NW	3938	60h L5 S4	80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35 S1	80 oct.
Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
★ Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	31 L5	P-line NE.
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford Mun	4.5 ENE;riv 2 S	3176	48h L5 S4	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E	2758	54h	
(P) Sells (NC)	2 NW,rd E	2380	24	
→ Silverbell (Tucson)	11.2 NW;riv NE	2100	21	
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	91, 100 oct. Fld lgts prior req.
Superior (NC)	2 WSW,hwy N	2600	19 S6	73,80 oct, P-line NW. Slopes
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W, SW
Three Point (Casa Grande)(NC)	1.5 NNW;hwy S	1400	37 S4	80 oct,P-line NE,SW.
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	40	
Toltec	0.4 NNW;RR SW	1500	75	Poles SSW, W SW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	25 S6	80 oct,P-line NW.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. Slopes to SSE,P-line
Wickersham (Safford)	See Safford under "New Facilities" - name changed.			S,SE
→ Willcox (NC)	0.9 WNW,hwy E			ABANDONED.
(A) Williams (Chandler) (A)	10 E;RR SW	1360	61h R1 L5 S6	73, 91, 100 oct. JP-1.

NEW MEXICO

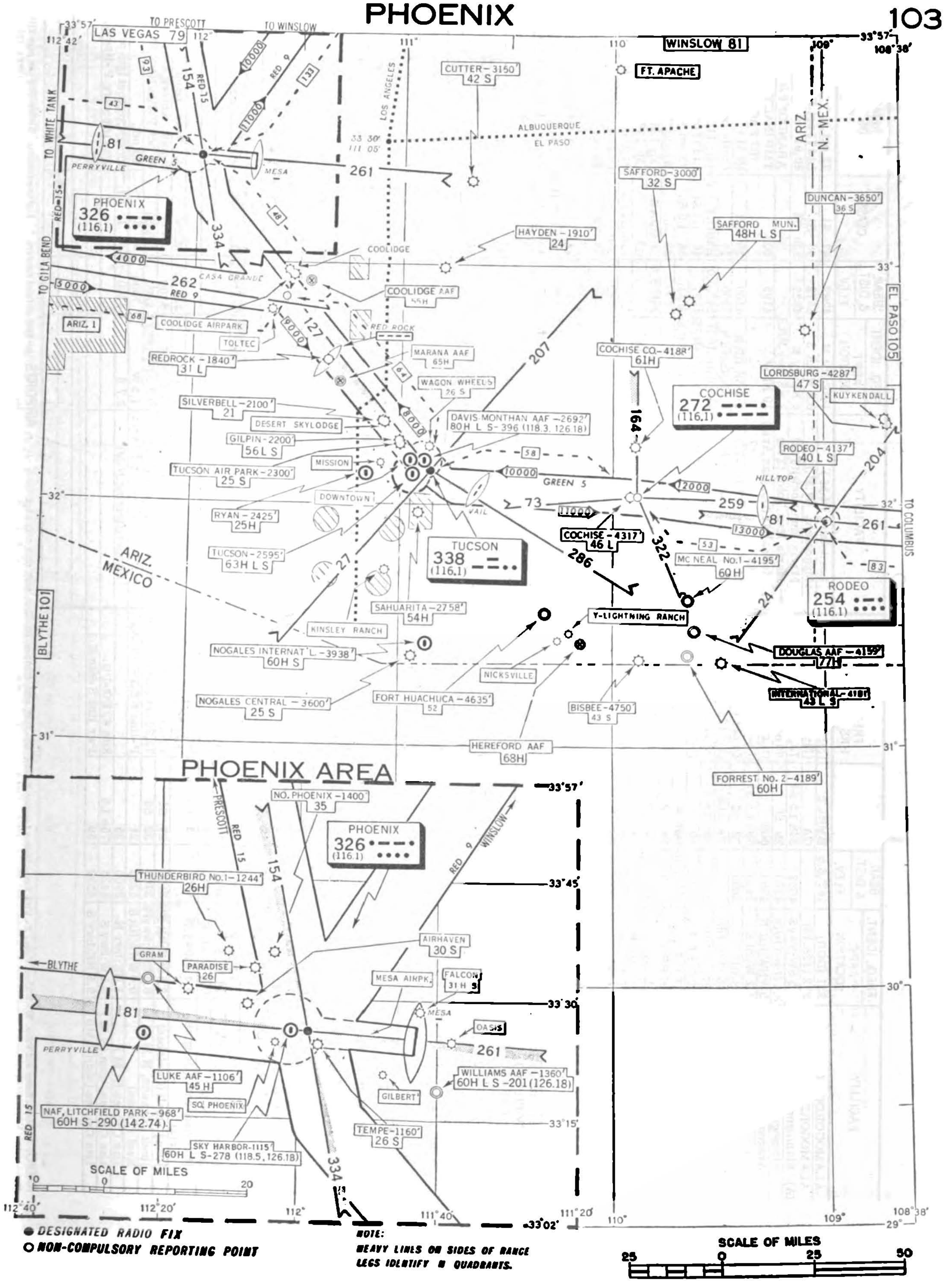
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
★ Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.

NEW AIRPORTS

: Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S6	80,91 oct.P-line N,S,NW.Port bndry lgts.
→ Nicksville (Hereford,Ariz.)	9 W;hwy W	4750	32 S4	80 oct.Poles SW.
→ Y-Lighting Ranch (Hereford,Ariz.)	6 WNW;rd W	4400	26	
Gilbert (Ariz)	0.7 SSW	1300	36 S1	80 oct.P-line E,fence W.
Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct.No sto.Poles SW,NE.
Gram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct.Poles E,W.E end hazardous.
Oasis (Mesa,Ariz)	11.5 E;hwy N		26 S4	80 oct.No sto.Trees NE,SW.
South Phoenix, (Ariz)	3 SSE;riv N	1100	36 S6	80 oct.No sto.P-line E,W.
→ Mission Arpk(Tucson,Ariz)	8.3 WSW;rd S	2665	32 S1	80 oct Poles W
(P) Ajo (Ariz.)	7.5 S;hwy W	1710	37 S6	80,91 oct. Poles S,SE.
→ Desert Skylodge (Tucson,Ariz.)	10 NNW;RR NW	2025	32 S6	80,91 oct,Poles NW,WNW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

PHOENIX



PHOENIX AREA

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.

SCALE OF MILES
25 0 25 50

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct. P-line SE, NW, SSE, SSW.
(A) Aragon #5 (Marfa, Tex)(A)	9 WNW;RR N	4880	60h	CLOSED
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso, Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE, W
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct
(P) [Carlsbad, mun.] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S, E	5420	33 S2	80 oct. P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int, 34, PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co. (Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
★ Delaware Springs Int., 11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
[El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY.
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	172°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int, 10, EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas, Ariz)	6.4 WNW	4189	60h	CLOSED
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int, 29B, PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct. Rnwy data unver
★ Hudspeth Int, 4, EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct. Fld lgts prior req. ARPT OF ENTRY
John J. Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwy NE	3709	32 S6	73,80 oct. No sto. Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE, SW. PRIV. E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun. (N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S. Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct. P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy, RR S			ABANDONED
(A) McNeal #1 (Douglas, Ariz) (A)	19 NNW	4195	60h	TMP INACT NO FACS.
★ Mt. Riley Int, 37, PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso, N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int, 26A, PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct. Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct. No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso (N.M.)	2.2 NNE;hwy W	7000	60 S2	80 oct. Mtns sur fld.
(A) Ryan #8 (Marfa, Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct. Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req
★ Salt Flat Int, 8A, EO-FV	17 SW Guad. Ps	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct. P-line E.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct. Use rnwys only.
State College (Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct. No sto. (N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct. 50' hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Whitehill (Silver City, N.M.)	4 SSE	5800	30	P-line N. Rnwy data
Wickersham (Safford, Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ····· (0.85)	OM- — — (4.35)
					MMK-	OMK-
EL PASO	109.5	332.6	217°	IM-	MM- •—•— (0.67)	OM- — — (4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1 (Pine Spgs, Tex)	7.5 NNE	5200	20	Rough. Emerg. use only
Kuykendall (Lordsburg)	0.8 NNW;hwy E	4290	29 S1	80 oct. P-line NNE, SE (N.M)
Springerville-Eager (Ariz)	1.5 W	7000	37 S1	80 oct.
Cooper (Deming, N.M)	2.7 S	4300	25 L S1	80 oct Ctc, obst lgts prior req
				Use in emerg P-line E, bank W

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4486, 6210 kcs. (4) - 3105, 4486, 6210, 3117.5 kcs. Parenthesized Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 157.82, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

EL PASO 105

WINSLOW 81 ALBUQUERQUE 83

SPRINGERVILLE-EAGER
MAGDALENA
SOCORRO
ALBUQUERQUE
CARRIZOZO
ROSWELL AAF 305
8 AND 8 FLY. SVC.
ROSWELL
ROSWELL COM.
ROSWELL AAF 396 KC 126 18 MC
ROSWELL AAF NO 3
ARTESIA
ALBUQUERQUE
EL PASO
ENGLE 344 116.1 MC
HOT SPRINGS
ENGLE
PARKER
RUIDOSO
TULAROSA
ALAMOGORDO AAF 272 KC 126 18 MC
ALAMOGORDO
ALAMOGORDO AAF 221
CARLSBAD 311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD NO 1
CLIFTON-MARENCI
SAFFORD MUN.
SAFFORD
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
KUYKENDALL
LORDSBURG
BOWIE
DEMING AAF
SKYTEL
DEMING (CTR)
DEMING
COOPER
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
LAS CRUCES MUN
BIGGS AAF 396 KC 126.18 MC
VALLEY
NEWMAN 317
NM
TEX
TEX LINE
DELAWARE SPRINGS
COCHISE
HILLTOP
RODEO
HACHITA
DEMING (SO.)
GREEN 5
MT RILEY
JUNDT
HARRINGTON RANCH
COLUMBUS
RODEO 254 116.1 MC
COLUMBUS 284 116.1 MC
MCNEAL NO 1
DOUGLAS AAF
INTERNATIONAL
FORREST NO. 2
NM
MEX.
EL PASO MUN 278 KC, 118.7, 126.18 MC
EL PASO 242 116.1 MC
HUECO MT
HUDSPETH
SALT FLAT
SALT FLAT 335 116.1 MC
GUADALUPE PASS
WINK
GUADALUPE PASS VOICE-116.1 MC
SIERRA BLANCA
CULBERSON CO
KENT
VAN HORN
MARFA MUN
RYAN NO 3
ARAGON NO 5
CASTOLON
RED 51
BIG SPRING 121
ABILENE 107

122 176 167 216 293 35 142 162 241 61 322 112 259 342 330 347 177 341 350 170 204 24 81 53 259 261 82 83 258 45 77 257 79 70 10000 9000 8000 6000 78 258 237 57 99 66 18 29 30 17

USABLE WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 103
ARIZ
N M
DA

STATUTE MILES 0 25 50 75

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

VARIATION 14°E TO 12°E

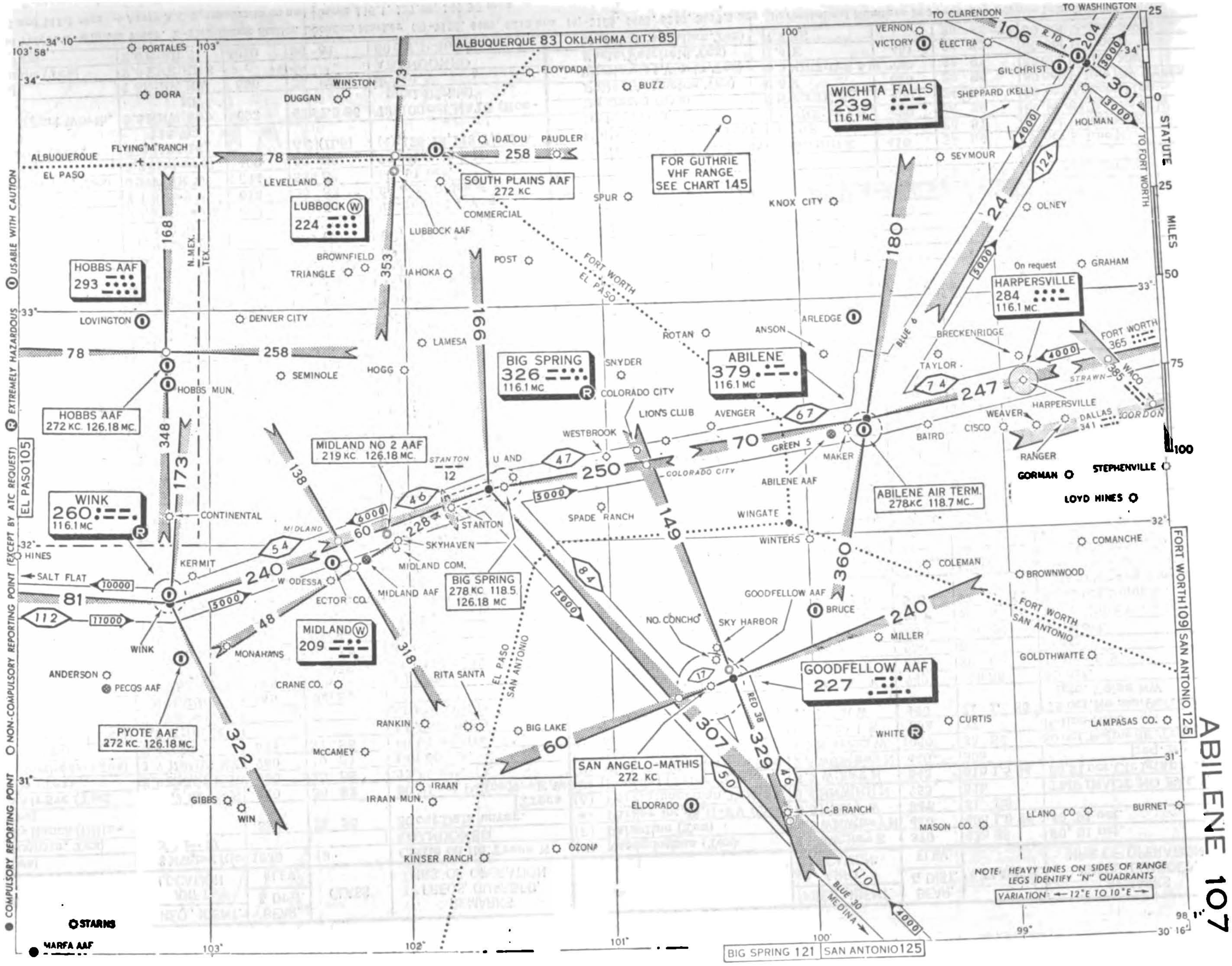
NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

109°45' 109° 108° 107° 106° 105° 103°58' 34°10' 34° 33° 31° 30°16'

ABILENE

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex) (Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.100 oct.Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1, 122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122 5, 118 5 (7-23)
(N,P) Big Spring (Tex)	3.3 WSW;RR N	2595	64h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
(P) Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req.Use rnwys.
Burkburnett (Tex)	1 SE;RR SW			ABANDONED
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots,flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct.Use rnwys prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct. P-line S
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4; 116.1, 122.1
* Harpersville Int,44,EO-FV (Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2 8	BMRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct.Poles SE,E,NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW.
NEW FACILITIES				
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct.P-line N,NE,NW.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1400	35 S2	80 oct.P-line W.
Vernon (Tex)	2.3 SSE;hwy W	1210	27 S6	80 oct Rough N,soft S ends

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) Lubbock AAF (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT.NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) Midland AAF (Tex) (A)	9.5 WSW;RR S	2867	64h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24)
(A) Midland #2 AAF (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct.JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho (San Angelo, Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	3617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) (12-1 hr.after sunset).
(P) SAN ANGELO-MATHIS (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct
Sheppard/Kell Mun. (Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91,100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct. After 2100 lgts on req.P-line W,NW
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) South Plains AAF (Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,100 oct.(Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED. Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct
U & S Fly Svc.(Big Spring,Tex)	1.5 N;hwy 1S	2517	34 S6	80 oct.P-line N,NNE.Ctn
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel. E/W strip
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int,32,EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1,2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range (Tex)	108.3 (UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton,Tex)	1.5 E;RR W	3108	19 S2	80 oct.P-line N,NE,NW.
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct.P-line NE,W,NW
Winston (Littlefield,Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
Westodessa (Odessa,Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Decker Ranch (Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct.P-line NW,W,N.Trees SW.
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW
Snyder (Tex)	1.3 S	2270	21 S2	80oct.P-lines NW,W,SE.E blkd


ALBUQUERQUE 83 | OKLAHOMA CITY 85
PORTALES
DORA
WINSTON
DUGGAN
FLOYDADA
BUZZ
VERNON
VICTORY
ELECTRA
TO CLARENDON
TO WASHINGTON
GILCHRIST
SHEPPARD (KELL)
WICHITA FALLS
239
116.1 MC
HOLMAN
SEYMOUR
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
IDALOU
PAUDLER
258
LEVELLAND
LUBBOCK
224
SOUTH PLAINS AAF
272 KC
COMMERCIAL
LUBBOCK AAF
FOR GUTHRIE
VHF RANGE
SEE CHART 145
SPUR
KNOX CITY
OLNEY
GRAHAM
On request
HARPERSVILLE
284
116.1 MC
HOBBS AAF
293
BROWNFIELD
TRIANGLE
IAHOKA
POST
FORT WORTH
EL PASO
LOVINGTON
DENVER CITY
LAMESA
ROTAN
ANSON
ARLEDGE
BRECKENRIDGE
TAYLOR
FORT WORTH
365
STRAWN
WACO
HOBBS MUN.
SEMINOLE
HOGG
BIG SPRING
326
116.1 MC
SNYDER
ABILENE
379
116.1 MC
COLORADO CITY
LION'S CLUB
AVENGER
HARPERSVILLE
WEAVER
DALLAS
341
GORDON
HOBBS AAF
272 KC. 126.18 MC.
MIDLAND NO 2 AAF
219 KC 126.18 MC.
STANTON
WESTBROOK
GREEN 5
MAKER
BAIRD
CISCO
RANGER
GORMAN
STEPHENVILLE
LOYD HINES
ABILENE AAF
ABILENE AIR TERM.
278 KC 118.7 MC.
SPADE RANCH
WINGATE
WINTERS
COMANCHE
COLEMAN
BROWNWOOD
WINK
260
116.1 MC
CONTINENTAL
MIDLAND
KERMIT
HINES
SKYHAVEN
MIDLAND COM.
STANTON
SALT FLAT
W ODESSA
ECTOR CO.
MIDLAND AAF
BIG SPRING
278 KC 118.5
126.18 MC
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
GOLDTHWAITE
MIDLAND
W
209
MONAHANS
WINK
ANDERSON
PECOS AAF
CRANE CO.
RITA SANTA
EL PASO
SAN ANTONIO
GOODFELLOW AAF
227
PYOTE AAF
272 KC. 126.18 MC.
RANKIN
BIG LAKE
WHITE
CURTIS
LAMPASAS CO.
McCAMEY
SAN ANGELO-MATHIS
272 KC
IRAAN
IRAAN MUN.
ELDORADO
C-B RANCH
MASON CO.
LLANO CO
BURNET
GIBBS
WIN
KINSER RANCH
OZONA
STARNS
MARFA AAF
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 10°E
BLUE 30
MEDINA
RED 38
BLUE 6
FORT WORTH
SAN ANTONIO
FORT WORTH
SAN ANTONIO
BIG SPRING 121 | SAN ANTONIO 125
EL PASO 105
FORT WORTH 109 | SAN ANTONIO 125
STATUTE MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
ABILENE 107

FORT WORTH

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld.Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct.Data unver. Trees
Carthage Air Svc.(Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct.P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
→ Commercial (Durant,Okla)	5.2 W;RR N			ABANDONED
→ Corsicana,com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana,mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris,Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Decatur (Tex)	1.5 N;rd SW	1100	26 S2	80 oct.
Denton (Tex)	4 WSW	630	42h S6	80,91 oct.
DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
(P) → Eaker (Durant,Okla)	3.2 SSW; RR NW	703	50h L5 S6	80,91 oct.All lgts prior req.
Elder (Kilgore,Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct.P-line W.
(P) Ellis Co.(Waxahachie,Tex)	3.5 NE;RR S	585	31 S2	73 oct.P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct.P-line W.Data unver
(A) Gainesville (Tex)	3.8 WNW;RR S	833	45h S5	80,91 oct. ARMY TEMP INACT.
Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED
(A) Gaskin (Sherman,Tex)(A)	12.6 SW;rd E	745	40h	TMP INACT-NO FACS.
GRAUWYLER PARK H Fac.	311 (L)	356°,0.8	MHW	(Cont.) Dallas (Tex)(NC)
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct.Emerg.lgts by circling fld.
(P) Gregg Co.(Longview,Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
(P) → Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct.Fence sur fld. req.
→ Hartlee (Denton,Tex)	5.4 NE	588	40 L S6	80,91 oct.Port lgts prior
HASLET H Fac. (Tex)	371 (T)	1°,8.1	FMHW	(Cont.) Ft. Worth P-line S.
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W.Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct.P -line NE
Jacksonville (Cypress,Tex)	3 N;RR E	500	26 S6	73,80 oct.P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas,Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct.Poles S No flood lgts.
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct.P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct.NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
→ Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct.P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman,Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT.NO FACS.
(P) [Pounds] (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct.Ctc lgts prior req. No sto.
(P) Rusk Co.(Henderson,Tex)	2.5 WSW;hwy N	440	30h	
Rodeo City(Jacksb'o,Tex)	4.5 N;arena W	1080	23 S2	80 oct.P-line SE.Trees SSE
St Jo (Texas)	1 N;lake 1 E	952	37	P-line NNE
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int,14,DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville)	9.5 NNE	550	30	(Tex)
Southworth (Ft.Worth,Tex)	4.2 S;crk W	650	25 S4	80,91 oct.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data unver.
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct.P-line S,SE.
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	120°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf),	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
→ [Waco Mun.] (Tex)	6 NW;lake S	510	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill,Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT.
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo,Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville,Tex)	5.7 WSW;RR N	820	20 S6	80 oct.P-line N.
** Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N. Data unver.

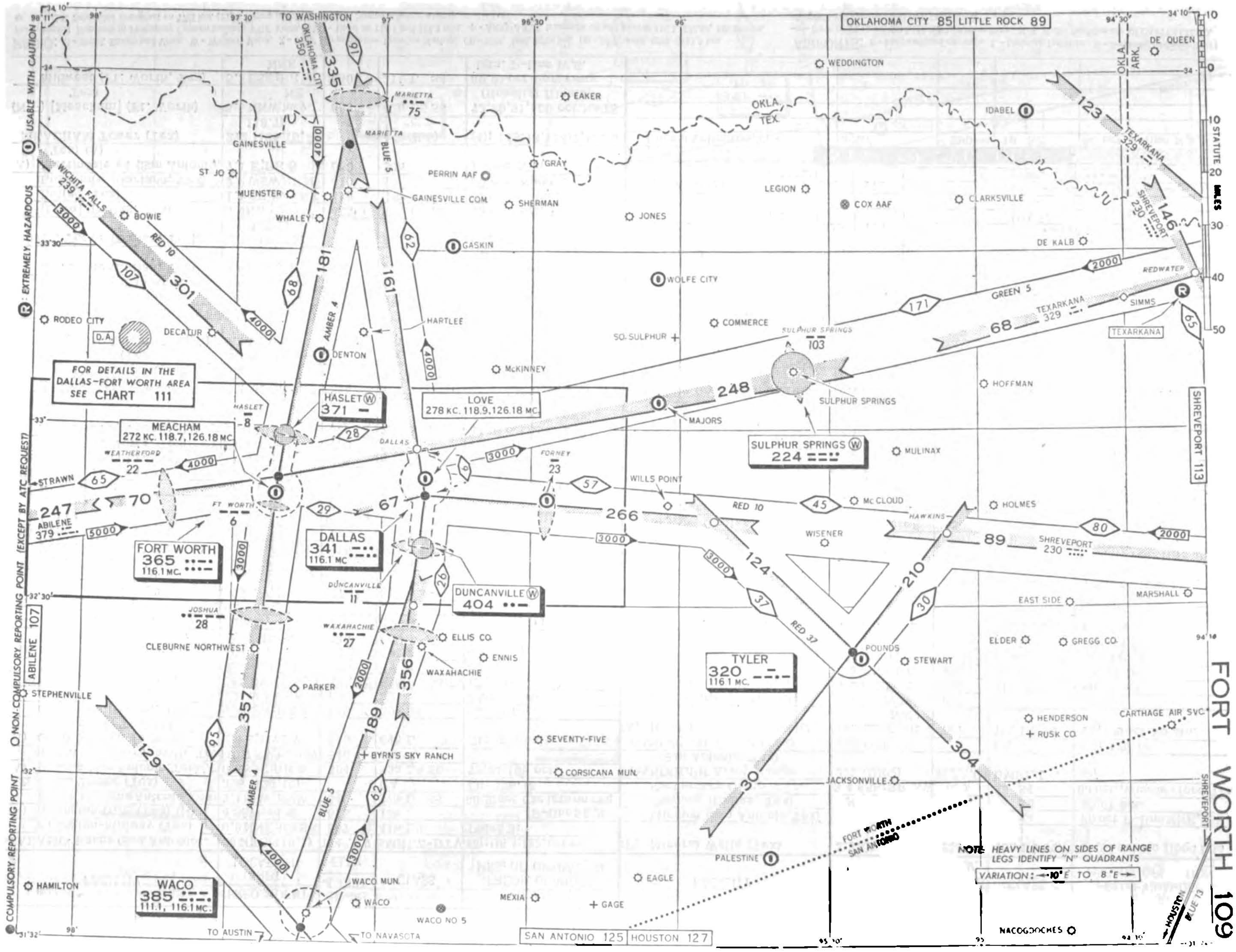
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •—•— (0.7)	OM- ——(4.35)
					MMK-	OMK-
				IM-	MM-•	OM-
MEACHAM	109.9	333.8	172°	IM-	MM- •—•—(0.71)	OM- ——(4.10)
					MMK- 356 •••—	OMK-

NEW FACILITIES

East Side (Longview,Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S
Hoffman (Mt.Pleasant,Tex)	2 SSW;RR E	416	32 S4	80oct.P-line N.
Mulinax (Winnsboro,Tex)	1.3 SE	533	26 S1	80oct.P-line NNE.
Irving (Tex)	1.6 NNE;hwy N	420	28 S6	80,91 oct.P-line N,W
De Queen (Ark)	3 NW;rd E,S	400	24 S1	80 oct Appchs blkd
Pulley (Arlington,Tex)	0.6 N	616	28 S4	80 oct.P-line NW Trees S.
Skyview (Ft.Worth,Tex)	9.3 NNW;lk 2.5 W	790	32 S1	80 oct.P-line NW
Eagle (Fairfield,Tex)	1.4 E	461	24 S2	80 oct.P-line S
Marshall's (Dallas,Tex)	7.2 SE		28 S6	80 oct.P-line SW,S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs h-hard surfaced runways. R-radio facilities L-lighting facilities. S-servicing (see page IV) → NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized


OKLAHOMA CITY 85 | LITTLE ROCK 89
TO WASHINGTON
OKLAHOMA CITY 350
335
91
MARIETTA 75
MARIETTA
BLUE 5
4000
GAINESVILLE
ST JO
MUENSTER
WHALEY
GAINESVILLE COM.
EAKER
PERRIN AAF
SHERMAN
GRAY
OKLA
TEX
WEDDINGTON
IDABEL
DE QUEEN
OKLA.
ARK.
123
TEXARKANA 329
SHREVEPORT 230
146
LEGION
COX AAF
CLARKSVILLE
JONES
DE KALB
GASKIN
62
68
181
161
WOLFE CITY
REDWATER
2000
GREEN 5
171
TEXARKANA 329
68
SIMMS
TEXARKANA
65
SULPHUR SPRINGS
103
COMMERCE
SO. SULPHUR
HARTLEE
AMBER 4
DENTON
4000
McKINNEY
RODEO CITY
D.A.
DECATUR
WICHITA FALLS 239
3000
BOWIE
RED 10
301
107
4000
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
HASLET (W) 371
LOVE 278 KC. 118.9, 126.18 MC.
248
MAJORS
SULPHUR SPRINGS
HOFFMAN
HASLET
MEACHAM 272 KC. 118.7, 126.18 MC.
28
DALLAS
SULPHUR SPRINGS (W) 224
MULINAX
WEATHERFORD 22
4000
FORNEY 23
3000
57
WILLS POINT
STRAWN
65
70
247
ABILENE 379
5000
FT. WORTH
6
29
67
266
RED 10
45
Mc CLOUD
HAWKINS
HOLMES
WISENER
3000
124
89
SHREVEPORT 230
80
2000
FORT WORTH 365 116.1 MC.
3000
DALLAS 341 116.1 MC
DUNCANVILLE
11
26
DUNCANVILLE (W) 404
37
RED 37
210
30
EAST SIDE
MARSHALL
JOSHUA 28
WAXAHACHIE 27
ELLIS CO.
ENNIS
WAXAHACHIE
CLEBURNE NORTHWEST
ABILENE 107
TYLER 320 116.1 MC.
POUNDS
STEWART
ELDER
GREGG CO.
STEPHENVILLE
PARKER
2000
357
356
189
95
129
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA MUN.
HENDERSON
RUSK CO.
CARTHAGE AIR SVC.
304
30
JACKSONVILLE
FORT WORTH
SAN ANTONIO
SHREVEPORT
PALESTINE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10° E TO 8° E
HAMILTON
WACO MUN.
WACO
WACO NO 5
MEXIA
EAGLE
GAGE
WACO 385 111.1, 116.1 MC.
4000
3000
NACOGDOCHES
HOUSTON
TO AUSTIN
TO NAVASOTA
SAN ANTONIO 125 | HOUSTON 127
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
FORT WORTH 109

FORT WORTH - SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1(Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	P-line SE,SW.
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	37h L S6	80,91oct.Ctc lgts on req.
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	29	Emerg. use.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct.
DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
Eagle Mtn Lake	1 SSE;RR NE	745	60h	CLOSED (Newark,
Faurie (Gonzales, Tex)	2 NNE	340	22 S4	80 oct.P-line NNE Tex.)
Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	317(126.18)+		CA ●;45,05	(3); 126.18
(A) Fort Worth AAF (Tex)(A)	6.8 WNW;lk N	636	82h L5 S6	73,91,100 oct. P-1.
(N) Grand Prairie OLF (N)(Tex)	1 WSW;RR N	526	30h L5 S4	73 oct.No ocn.
GRAUWYLER PARK (Tex)(NC)	311(G)	356°,0.8	MHW	(Cont.) Dallas
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac.(Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N)Hensley (Dallas,Tex)(A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	40 S6	80,91 oct.P-line N,W.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex)(A)	6.2 WSW;RR SE	675	72h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED.
Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct. P-line N,W
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	P-line NW
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4.	80,91 oct.No flood lgts
Mission (San Antonio,Tex)	4.5 S;hwy E	567	24 S4	80 oct.P-line NNE,SSE.
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct.(Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio)(A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
[San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S4	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	37 S4	80 oct.Trees NNE,SSE.
(A) Seguin #1 (Tex) (A)	3 E;rd N	520	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	See Lucas Field under "New Facilities" - name changed			
STINSON Tower (Tex)	209		CI	3105, 6210 (8-21)
Stinson (San Antonio,Tex)	6.2 SSE;hwy W	604	49h S6	80,91 oct.P-line S,WNW
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy 0.5 W	968	33	6' fence sur fld.Use fld at own risk.
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	22 S6	80,91 oct.
★ Yoakum Int,7,JP-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMK-	OMK- 230•—•—
LOVE	110.3	335	126°	IM-	MM-•—•—(0.70)	OM- ——(4.35)
					MMK-	OMK-
				IM	MM-	OM-
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMK- 356 •••—	OMK-

NEW FACILITIES

Lucas(Arlington,Tex)	3 SW	590	19 S2	80 oct.P-line N,S,NW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (See page XIII) —►— New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

(SEE CHART 109)

DALLAS - FORT WORTH AREA

WICHITA FALLS
TO MARIETTA
TO MARIETTA
CADDO MILLS
EAGLE MTN LAKE
HASLET 371
DALLAS 341 116.1
FORT WORTH 365 116.1
DALLAS
LUSCOMBE
HIGHLAND PARK
HUDSON
MUSTANG
WHITE ROCK
WEATHERFORD
HICKS
SAGINAW
SKYVIEW
LOVE 278 RC. 118.9, 126.18 MC
ARLINGTON
IRVING
STRAWN
MINERAL WELLS
MEACHAM 272 RC. 118.7, 126.18 MC
WEATHERFORD
PARKER
FORT WORTH AAF 317 RC. 126.18 MC
HANDLEY
GRAND PRAIRIE OLF
SOUTHWORTH
MIDWEST
LUCAS
T.C.U.
RUSSELL
ARLINGTON OLF
HENSLEY 396 RC. 126.18 MC
SKYLINE
MARSHALL S
SECOND AVENUE
CLEARVIEW
DUNCANVILLE
LOU POOTE
DUNCANVILLE 404
WALLACE
TERRELL
RED 10
HAWKINS
TO WACO
TO WAXAHACHIE
STATUTE MILES

(SEE CHART 125)

SAN ANTONIO AREA

BIG SPRING
AUSTIN 281
ALAMO 344 116.1
SAN ANTONIO (ALAMO) 278 RC 118.5
SAN ANTONIO 254 116.1
KELLY AAF 219 RC 126.18 MC
LAREDO
LEON VALLEY
DAVIS
YATES
HURT
RIOMEDINA
MISSION
CRAIGG
MARTINDALE NO 4
ZUEHL NO 6
RANDOLPH AAF 272 RC 126.18 MC
RANDOLPH AAF 359
BROOKS AAF 396 RC 126.18 MC
STINSON 209 RC
BEXAR CO
LAKE
TO PLEASANTON
FAUST
CLEAR SPRINGS NO 5
LULING
SEGUIN
SEGUIN NO 1
FAURIE
YOAKUM INT
YOAKUM
YOAKUM 236

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) (R): EXTREMELY HAZARDOUS (D) USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 111

SHREVEPORT

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
★ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
Arkadelphia,24,DL-LV	1.5 ENE; RR NW	186	40 L3 S6	80 oct. (Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	27 S2	80 oct.P-line S.Trees N.W
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W		18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Childress (Flora,Miss)	1.5 NNW;RR E	186	30 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	140	26 S6	80 oct.P-line S,W.
Cole (Heads, Miss)	3 NE;RR W	118	16	
Cypress(Greeny'l,Miss)	2.4 SSW;hwy W	125	28 S4	80 oct.-NNE blkd.
→ David G.Joyce(Winnfield)	See Joyce under "New Facilities" - name changed.			ver
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data un-
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct. (Mansfld,La)
Dixie Dusting (Greenv'l)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.(Miss)
Dossett(Beulah,Miss)	0.5 SE	160	21 S2	80oct.P-line S,SW.E.
El Dorado (Ark)	1.5 S;rds W,E	277	24 S6	80 91 oct.P-line E. blkd.
(P) El Dorado-Goodwin (Ark)	8.6 W;hwy S	278	51h L5	No bound.flood,obst lgts.
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
Grayson (Camden,Ark)	3.4 SW; hwy N	135	26 S6	80,91 oct P-line NE;trees
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct. SSW.NNE
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
→ Hinds Co.(Jackson,Miss)	12.8 W;RR 1.3 SE	244	40h	Pwrline N.
Hodge (La)	0.5 ENE;hwy W	300	24	Trees sur fld.
Hope (Ark)	6 NW; RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Jones(Merigold,Miss)	0.8 N;hwy,RR W	142	13 S1	80 oct when wet
Sharpe(Natchez,Miss)	1.8 ESE;RR S	135	26 S4	80 oct. N,W blkd Soft
Lakeview (Leland,Miss)	1.5 SE ;lake E	120	16 S4	80oct.N,E blocked
Strange(Tutwiler,Miss)	0.7 SSE;hwy W,E	160	22 S6	80 oct.N blckd.
Leland (Elizabeth,Miss)	1.5 NE	119	20 S1	80 oct.Pwrline NW.
LeTourneau(Yokena,Miss)	2.5 NW;riv NW	80	30 L S1	91oct.Bndry lgts pri.req.
Longview(Warrenton,Miss)	0.3 SE;RR W	110	20 S4	80 oct.E blkd P-line W
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selman)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La)(old)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) Selman (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct.
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118.7
(P) Shreveport (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
★ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Texarkana (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army. pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122..
→ Vicksburg (Miss)	6.8 NE;hwy W	287	40 S4	80, 91 oct.Obst sur fld.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.4 NW	106	24 S1	80 oct Tree SE;bldg NW
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.
→ Watts (Round Lake,Miss)	3 N; hwy W	145	26 S2	Priv.80,91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

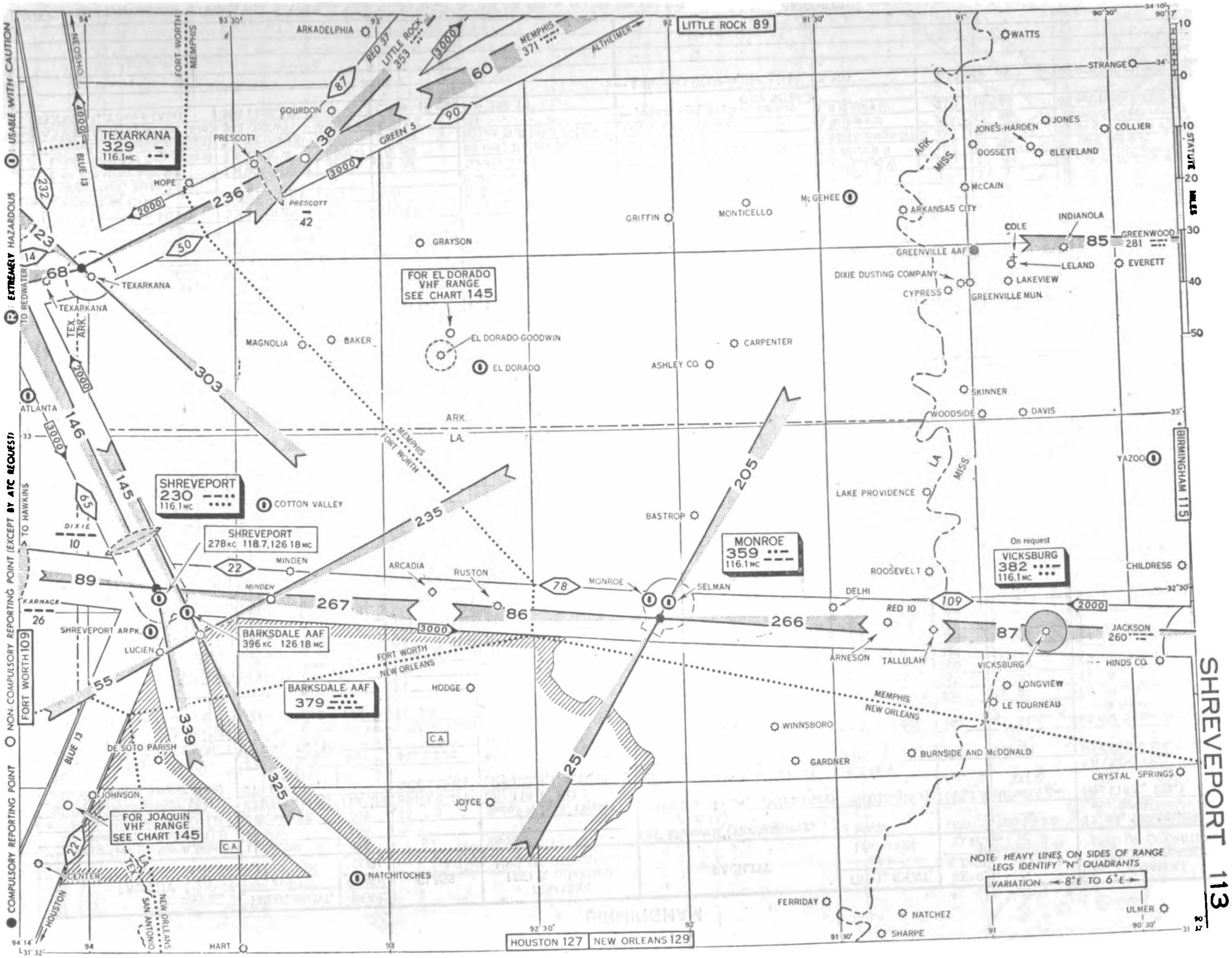
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- – –(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109,1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
Collier (Drew, Miss)	0.6 NE;RR W	115	17 S1	80 oct.Trees S.
McCain(Benoit,Miss)	0.8 NNE;hwy E	140	16 S1	80 oct.S blkd.Ctn-parked acft
Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct.P-line W.Rough.
Crystal Spgs.(Miss)	0.7 SE	470	21	P-line NE;N,S,NW blkd.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld. W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. Port lgts.
Roosevelt (Sondheimer,	2.1 NNW;RR E	85	13 S1	80 oct. (La)
Center, Tex	1.2 ESE;hwy N		20	P-line NNW.
→ Jones-Harden (Cleveland,	4 NW;hwy 1,2 S	140	21 S5	80 oct.S blkd.Soft when wet.
Monroe Arpk(La)(new)	1.5 N;RR N	77	26 S6	80 oct.Trees SSE. (Miss)
Aineson(Quebec,La)	1 NNW;RR S	100	18	Private N blkd
Johnson(Logansport,La)	0.5 ENE;RR W	192	15 S2	80 oct.Trees N ends
Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91oct P-lines block both
→ Joyce (Winfield,La)	3 NW;hwy E	130	20 S2	80 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.85 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


SHREVEPORT 113
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
LITTLE ROCK 89
TEXARKANA 329 116.1MC
SHREVEPORT 230 116.1MC
SHREVEPORT 278KC 118.7,126.18MC
BARKSDALE AAF 396KC 126.18MC
BARKSDALE AAF 379
MONROE 359 116.1MC
VICKSBURG 382 116.1MC
On request
FOR EL DORADO VHF RANGE SEE CHART 145
FOR JOAQUIN VHF RANGE SEE CHART 145
HOUSTON 127
NEW ORLEANS 129
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 8°E TO 6°E
STATUTE MILES
BIRMINGHAM 115
ARKADELPHIA
GOURDON
PRESCOTT
HOPE
TEXARKANA
GRAYSON
GRIFFIN
MONTICELLO
McGEHEE
WATTS
STRANGE
JONES-HARDEN
JONES
COLLIER
DOSSETT
CLEVELAND
McCAIN
ARKANSAS CITY
INDIANOLA
COLE
LELAND
GREENWOOD 281
EVERETT
GREENVILLE AAF
DIXIE DUSTING COMPANY
CYPRESS
LAKEVIEW
GREENVILLE MUN.
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
CARPENTER
ASHLEY CO.
SKINNER
WOODSIDE
DAVIS
YAZOO
ATLANTA
ARK
LA.
LAKE PROVIDENCE
BASTROP
ROOSEVELT
DELHI
CHILDRESS
SHREVEPORT AR.PK.
KARNACK
LUCIEN
MINDEN
ARCADIA
RUSTON
MONROE
SELMAN
ARNESON
TALLULAH
VICKSBURG
JACKSON 260
HINDS CO.
LONGVIEW
LE TOURNEAU
WINNSBORO
GARDNER
BURNSIDE AND McDONALD
CRYSTAL SPRINGS
HODGE
DE SOTO PARISH
JOYCE
JOHNSON
CENTER
NATCHITOCHES
HART
FERRIDAY
NATCHEZ
SHARPE
ULMER
FORT WORTH
MEMPHIS
ALTHEIMER
LITTLE ROCK
MEMPHIS
RED 37
GREEN 5
BLUE 13
RED 10
TEX-ARK
LA-TEX
FORT WORTH
NEW ORLEANS
HOUSTON
SAN ANTONIO
ARK
MISS
LA
MISS
C.A.
C.A.
DIXIE
TO REDWATER
TO HAWKINS
FORT WORTH 109
4000
3000
2000
232
123
14
68
236
50
38
87
60
90
3000
303
146
145
65
10
89
22
26
267
86
78
266
109
87
2000
55
339
325
25
235
205
221
94°14'
31°32'
94
93 30'
93
92 30'
92
91 30'
91
90 30'
90°17'
34°10'
34
33
32°30'
31

BIRMINGHAM

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5SSW	335	4C S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S6	73,100 oct.JP-1 Army;
Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. Poles NE
(P) Carroll Cone(Tupelo,Miss)	See Tupelo Airport under "New Facilities" - name changed			
Central Park (Birmingham, Ala)	5.2 NW;RR SE	535	18 S6	80,91 oct.P-lines NNW ,SSE,NNE.
Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;hwy SW	740	17 S4	80 oct.Trees SSE.
Dallas (Selma, Ala)	2.2SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW; hwy N	219	40h L5 S4	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1SSE;hwy N	310	20 S6	80 oct. Obst sur fld.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	20 S2	80 oct. Trees all appchs.
Eutaw (Ala)	2 SE; hwy N	160	23 S4	80 oct.P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S hwy E	236	26 S6	80 oct. P-line,trees E
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L3	P-line SW.
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	26 L3 S6	80oct.Trees E,SE,W.Use ctn
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L3 S3	80 oct.Trees N,S,W.Rough.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4); 116.1
[Greenwood Mun.](Miss)	2.3SW;RR E	129	40h L5 S6	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	4 N;RR S	207	51h L S4	80 oct.B-2 lgts on req.
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED E.
Houston (Miss)	1.5 SW;hwy N	342	31 S4	80 oct NE,E,W blkd
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3 SW;RR E	297	51h L5 S6	80,91 oct;100 oct NG.Ctc
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	P-line S. lgts prior req. Cattle on fld.
Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Trees sur fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	2 5 NE;hwy S	200	28 S2	80 oct.N,E blkd.P-line W
MAXWELL Army Range (Ala)	362 (DXW)	85°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA ◆ :49,09	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	6 NE;hwy E	300	25 S4	80 oct. No sto.Trees S
O'Keefe (Newton,Miss)	1.5 ESE;rd N	363	23 S4	80 oct.Trees SSW,SE. Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;lake N	326	33 S6	80 oct.Obst S,SW,W,NW
(P) Oxford (Miss)	8 S;riv N,W	300	30 S2	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy S,W	500	24 S6	80 oct.P-line W. No sto.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	29 S6	80 oct.P-lines N.
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(P) Starkville (Miss)	2.5 SW;RR NW	325	50h	
Stinson (Aberdeen,Miss)	2.8 NW;hwy E	239	40 S2	80 oct.P-line N;trees NW
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4);116.1,122.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L4 S6	80,91 oct · Obsts sur fld.
Walker Co. (Jasper,Ala)	2.2 NNE;RR W	527	31 L5 S4	80, 91 oct.
Winona (Miss)	1.0 SSE;RR W	370	28 S6	80,91 oct.Trees N,S. Rough.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW; crk S Hwy E	274	26 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- .—.— (0.70)	OM- — — (4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.
Deatsville (Prattsville, Ala	9.5 NNW;hwy V	524	40	Emerg only. S,SE blckd.
Durham (Bessemer, Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct.
Presley s (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct.Poles sur fld.
Fayette (Ala)	2.1 NNE;hwy W	358	18 S1	80 oct.P-line NW.
Jackson(Livingston,Ala)	1 N;hwy E	170	18 S4	80 oct
Scooba (Miss)	0.5 NE;RR W	250	19 S4	80 oct.P-line SE Soft when wet
Sayle(Charleston,Miss)	3.3 W;crk S	160	20 S2	80 oct Bldg S
Winfield (Ala)	0.5 SSE;hwys NNE	460	24 L S4	80,91 oct Trees sur fld
(P) Tupelo (Miss)	3 W;hwy S	338	32 S6	80 oct No acft repairs
Johnstones Arpk (Calhoun City,Miss.)	1.8 N;hwy W	210	16 S2	80 oct.Rough.Soft when wet.
Lakeman (Haleyville,Ala)	5 NE	810	18 S4	80 oct.SW hills,trees.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs. ◆ A A C S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —► New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LITTLE ROCK 89 | NASHVILLE 91

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

BATESVILLE
OXFORD
SPOOK
TUPELO
LAKEMAN
SAYLE
JOHNSTONE'S
HOUSTON
GRENADA
STINSON
WINFIELD
WALKER CO.
FAYETTE
WEST POINT
COLUMBUS AAF
EUPORA
MASONIC
OKTIBBEHA
WINONA
STARKVILLE
ROBERTS
CENTRAL PARK
DURHAM
VAN DE GRAAFF
FOSTER
COLUMBIANA
LOUISVILLE
ZEIGLERVILLE
PRESLEY'S
SCOOBA
GAINESVILLE
EUTAW
FRIENDLY FLY SVC.
PHILADELPHIA
LEE
AUGUSTINE
NO. JACKSON
JACKSON
LAUDERDALE
DEMOPOLIS
FOREST
O'KEEFE
KEY
EAST JACKSON
RANKIN
ROCKPORT
TO NEW ORLEANS
TO MONROE
SHREVEPORT 113
GRAGG
MOODY
BRADFORD
EDEN
CULLMAN
GARDEN CITY
DEATSVILLE
ELMORE
AUTAUGAVILLE
SELMA
DALLAS
MULBERRY
DANNELLY
GREENVILLE
TO GOODWAY
TO NASHVILLE
TO MARIAS
STATUTE MILES

GREENWOOD 281 116.1 MC

GREENWOOD AAF

GREENWOOD

BIRMINGHAM 224 116.1 MC.

BIRMINGHAM 278 KC 118.3, 126.18 MC.

On request
TUSCALOOSA 206 116.1 MC.

MERIDIAN 239 116.1 MC

JACKSON 260 116.1 MC

HAWKINS 278 KC 118.7, 126.18 MC.

CRAIG AAF 219 KC 126.18 MC

CRAIG AAF 272

MAXWELL AAF 362

MAXWELL AAF 396 KC 126.18 MC

ATLANTA 117

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←6°E TO 3°E→

NEW ORLEANS 129 | MOBILE 131

MEMPHIS 371
MUSCLE SHOALS 251
RED 52
BLUE 2
CHATTANOOGA 341
BLUE 3
BLUE 10
AMBER 5
GREEN 6
MEMPHIS NEW ORLEANS
MEMPHIS ATLANTA
MISS. ALA.

359 180 355 265 154 176 265 83 334 138 353 165 311 67 178 49 116 157 11 251 2000 3000 4000 5000 106 78 145 230 140 50 320 33 85 273 118 96 21 25 28 13 15 84 358

89 30' 90 17' 88 30' 89 67 30' 86 30' 34 25' 34' 33' 32 30' 32 10' 31 47' 90 19'

STRICTLY HAZARDOUS ⊙: USABLE WITH CAUTION

BIRMINGHAM 115

ATLANTA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	28 S6	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR NE	175	30 S6	80 oct. Trees N. (Ala)
➔ Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW;hwy E	610	24 S6	80 oct. 200' stack WNW.
(A) Anniston AAF (Ala)(A)	15 W SW;hwy N	527	53h	TMP INACT.NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga) [Atlanta] (Ga)	278(118.7,126.18) 8 S; RR N	1005	AC(ILS-W) 48h L6 S6	(4); 126.18,118.7,122.5 73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	16	RR NNW.
Butler 14,71 J-AG (Ga)	0.5 NW;RR S	667	32 L3	Poles S.
Cedartown (Ga)	1.2W;hwy SE	800	30 S4	80 oct. SE blkd.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. Trees SSE.
City-Co. (Carrollton,Ga)	See Carrollton Airport under "New Facilities"-name changed			
Clevenger's Arpk. (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT.NO FACS. NW.
Cochran 50,MM-AG (Ga)	5 NE;rd N	324	30 L2 S6	80 oct. Poles NW,NE,S, SE. (Ga)
➘ Columbus (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h	80 oct.
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE. Fld lgts on req.
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h L2 S6	80 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld.
Felton (Cartersville,Ga)	2.5 N	790	23	Hills S,W,N;wires E,W
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S4	80 oct. No sto. Rocks NE Data unver.
➔ Gadsden (Ala)	See Gulf Steel under "New Facilities"- name changed.			
➔ Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L6) S6	80,91 oct. Lgts on req.
Griffin (Ga)	1.5 S;hwy E	936	30 L3 S6	80 oct. Twr E.
GUNTER Tower (Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule)
➘ (A) Gunter (Montgomery,Ala)	5 NE;hwy N	225	37h L5	Lgts on req.(A)
[Herbert Smart] (Macon,Ga)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
Jackson Int,57,MM-AG(Ga)	4.6 SW;rd S	716	30 L3	Barn E;bldg W.
➔ JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities" - name changed.			
(P) La Grange (Ga)	See Calloway Arpt under "New Facilities"-name changed			
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway(LaGrange,Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct
Turner #1(Albany,Ga)(A)	15 NE	285	45	CLOSED.
Valley(Lanett,Ala)	2 SE;riv N,E	552	26 S6	80 oct.
➔ Gulf Steel (Gadsden,Ala)	1.9 SW;hwy N	540	15h	Fld rough. Obst sur fld.
➔ Goodyear (Gadsden,Ala)	3.5 ESE;hwy N	500	18 S4	80 oct. E blkd.
➔ Sylacauga (Ala)	2.5 SW	571	19 S6	80 oct. Quarry W
➔ Ft. Payne (Ala).	2 SW;RR NW	800	18 S4	80 oct.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS GUARDED. HRS. OF OPERATION
➔ McRae,47,MM-AG (Ga)	2 SE;hwy N	247	26 L3 S6	80 oct. W blkd. Rough
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR E	720	27 S2	80 oct. Pwr line SSE.
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR;hwy W	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	23 S4	80 oct.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy NE	750	30 S4	80 oct. Trees S. Trees
Ries (Macon, Ga)	4.5 SE;RR W	300	17 S1	Ltd 80 oct.-emerg. NE.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	22 S2	80 oct. Trees SE,SW,NW
Rockmart (Ga)	2 ENE;RR W	900	24 S6	80 oct. Trees N.
Rome (Ga)	3 NW;RR S	669	26 S6	80 oct. E blkd.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
★ Siloam Int, 7B, AG-CS (Ga)	1.3 S;rd W	654	39 L3	82' mast SE Data unver corner N/S strip.
➔ Souther (Americus,Ga)	4 NE;RR W	470	53 S6	80 oct. NE blkd,trees E.
Talladega (Ala)	2.6 NE;hwy E	590	18 S4	P-line E, hill W. No sto.
★ Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	(Ga)
Thomas C. Russell (Alexander City, Ala)	1.5 SW	711	32 S6	80 oct.
(P) Troy (Ala)	4.8 NNW;rd E	393	50h L5	
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
➔ Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga)	3.2 SE;hwy N	274	50h	TMP INACT.NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	See McGill Field under "New Facilities" -name changed			
➔ Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	35 L5 S6	80 oct. No bcn.
Winder,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
Woodbury (Ga)	1.5 E	770	16 S1	Fuel, Data unver.

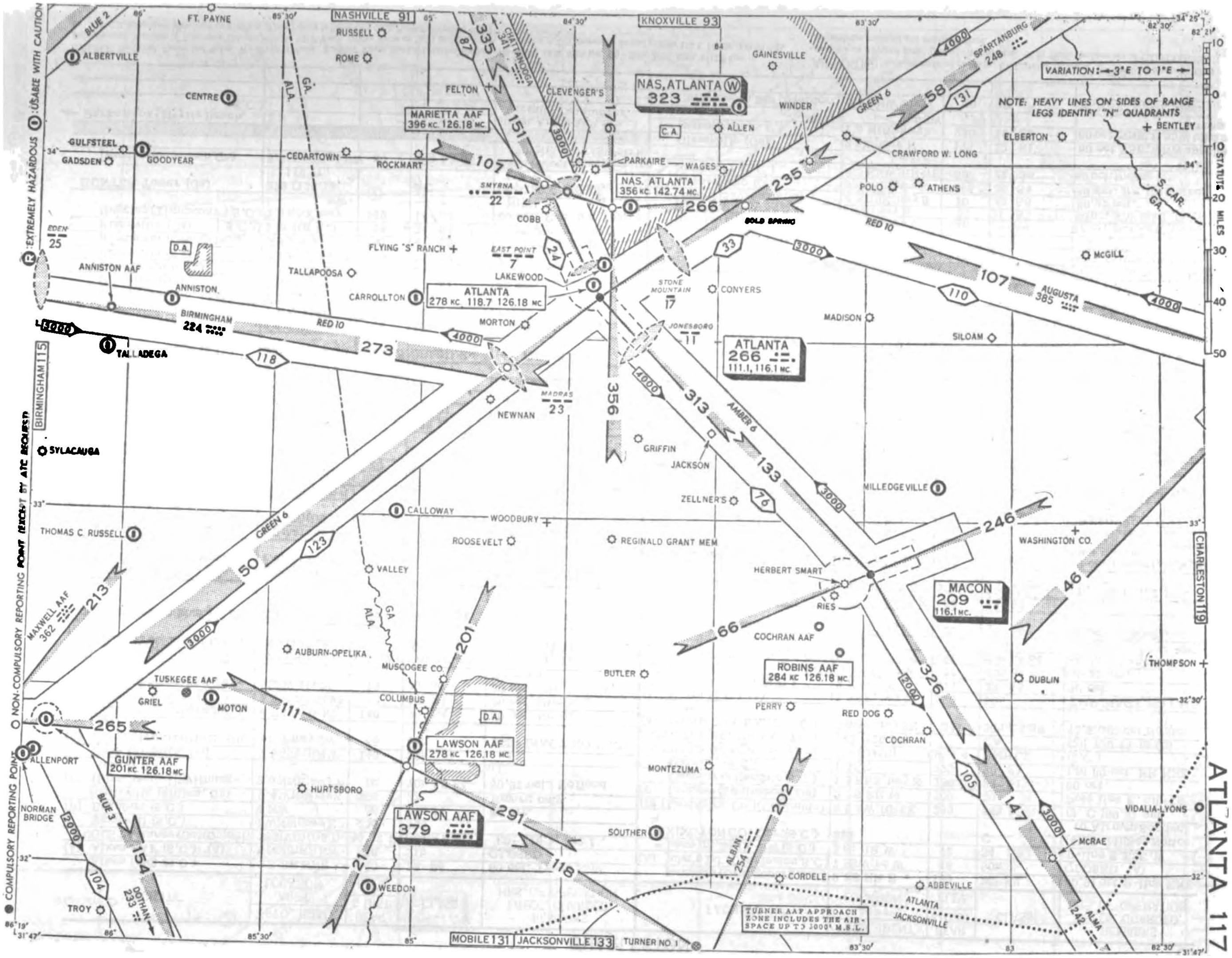
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ATLANTA	109.9 -.-.	333.8	329°	IM-	MM- ·--·(0.70) OM- --(4.40)
				MMK-201 ·--·	OMK-219 ····

NEW FACILITIES

Milledgeville ,(Ga.)	1.5 NW;RR W	360	28 S4	80 oct. No sto.
Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W
Griel Aux (Tallassee,Ala)	4 S;riv NE	200	35	P-line W. Trees NE
Perry (Ga)	1.5 NNW;hwy W	340	11 S2	80 oct. Lgt acft only.
➔ Gadsden (Attalla,Ala)	3 S	560	48h S4	
Thompson (Swainsboro,Ga	1 W;hwy E	300	32	
➔ Washington Co. (Sandersville,Ga)	1 E;RR W	460	26 S1	80 oct. Trees NW.
Zellner's (Forsyth,Ga)	1.8 NNW;RR W	705	18 S1	80 oct. Trees SW,NW.
➔ Camp Sibert(Attalla,Ala.)	See Gadsden under "New Facilities"- name changed.			
Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
McGill (Washington,Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105. 4495, 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. A.A.C.S.: Scheduled broadcast on 4765 kcs (first figure is scheduled time, second alternate time) h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop.
N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ATLANTA 117
NASHVILLE 91
KNOXVILLE 93
FT. PAYNE
RUSSELL
ROME
ALBERTVILLE
CENTRE
GULFSTEEL
GADSDEN
GOODYEAR
CEDARTOWN
ROCKMART
FELTON
CLEVENGER'S
GAINESVILLE
WINDER
ALLEN
SPARTANBURG 248
ELBERTON
CRAWFORD W. LONG
BENTLEY
POLO
ATHENS
S. CAR.
GA.
MARIETTA AAF
396 KC. 126.18 MC.
NAS. ATLANTA (W)
323
C.A.
NAS. ATLANTA
356 KC. 142.74 MC.
PARKAIRE
WAGES
SMYRNA
22
COBB
EAST POINT
7
FLYING "S" RANCH
LAKEWOOD
ATLANTA
278 KC. 118.7 126.18 MC.
CARROLLTON
MORTON
STONE MOUNTAIN
17
CONYERS
JONESBORO
11
MADISON
SILOAM
ATLANTA
266
111.1, 116.1 MC.
EDEN
25
ANNISTON AAF
ANNISTON
TALLADEGA
BIRMINGHAM
224
BIRMINGHAM 115
SYLACAUGA
MADRAS
23
NEWNAN
GRIFFIN
JACKSON
ZELLNER'S
MILLEDGEVILLE
WASHINGTON CO.
CALLOWAY
WOODBURY
THOMAS C. RUSSELL
ROOSEVELT
REGINALD GRANT MEM
VALLEY
HERBERT SMART
RIES
MACON
209
116.1 MC.
MAXWELL AAF
362
AUBURN-OPELIKA
MUSCOGEE CO.
COCHRAN AAF
ROBINS AAF
284 KC 126.18 MC.
TUSKEGEE AAF
GRIEL
MOTON
COLUMBUS
BUTLER
PERRY
RED DOG
COCHRAN
THOMPSON
DUBLIN
LAWSON AAF
278 KC 126.18 MC.
GUNTER AAF
201 KC 126.18 MC.
ALLENPORT
NORMAN BRIDGE
HURTSBORO
LAWSON AAF
379
MONTEZUMA
SOUTHER
VIDALIA-LYONS
McRAE
WEEDON
CORDELE
ABBEVILLE
TROY
DOTHAN 233
ALBANY 254
ATLANTA
JACKSONVILLE
ALMA
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 3000' M.S.L.
MOBILE 131
JACKSONVILLE 133
TURNER NO. 1
CHARLESTON 119
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
STATUTE MILES
10
0
10
20
30
40
50
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
BLUE 2
BLUE 3
GREEN 6
AMBER 6
RED 10
335
87
341
CHATTANOOGA
151
176
107
3000
4000
58
131
235
266
24
33
110
273
118
356
313
133
76
50
123
213
246
46
66
201
111
265
21
291
118
202
105
147
326
2000
104
154
242
ALA.
GA.
85°30'
86°
86°19'
31°47'
84°30'
84
83°30'
83
82°30'
82°21'
34°25'
34°
33°
32°30'
32°

CHARLESTON

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga)(Daniel)	385(VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal](Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S4	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT.NO FACS.
Carlisle (Bamberg,S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	25 S6	80 oct. ENF,E,WSW, NW blkd.
CHARLESTON Range (S.C.)	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
(N) [Charleston Mun.](S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct.Use rnwys only. NATS (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E			ABANDONED.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR S	50	70h L5 S4	100 oct.1-ech ltd 2-ech maint NG.No bcn.
Clark (Charleston, S.C.)	4 S;harbor NE	6	21 S4	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227(CI)(116.1)	268°,7.3	SBRAZ-DTV	(4); 116.1,122.1.
(NG) Congaree (Columbia,S.C.)	15.5 ESE;RR S	237	45h	NAVY INACTIVE.
(A) Coronaco AAF(Greenw'd)	3.8 N;RR E	629	50h	(S.C.)(A) CLOSED. fld
Conway (S.C.)	2 1 N;RR W	20	24 S1	80oct.Trees,p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18,122.5,118.9
[Daniel](Augusta,Ga)	2.5 W;RR S	420	42h L5 S6	80,91 oct. P-line S
Donald (St.Matthews,S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct.Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int,25,AG-CS(S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320(FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1,122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N,E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	80,91 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg, Hinesville (Ga) S.C.)	5 S;RR E 3 S; RR E,S	195 55	47 S6 24 S4	80,91 oct.Tank N 80 oct.No sto.Rdo repairs
Huggins (Timmonsv'l,S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126.18, 118.7
[Hunter](Savannah,Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91,100 oct. Sharp incline 370° NE of NE/SW strip
NEW FACILITIES				
→ Parks Arpk (Myrtle Beach, S.C.)	2 N		25 S1	80 oct.Army Acft in Vicinity.Data unver.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Jennings (Orangeburg,S.C.)	2.3 S;RR E	190	25 S2	80,91 oct.P-line ENE
(A) John's Isl.(Charleston,S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int,24,JX-RW (S.C.)	3 S; RR W	72	34 L3	P-line E,ESE,W
LEXINGTON CO. Twr.(S.C.)	396		C	(4);(8-24)(See Notice to Airmen Section)
(P) [Lexington Co.](Columbia)	6.5 SW;RR SE	233	56h L5 S1	(S. C.)80,91 oct.
(P) Lindsey (Swainsboro,Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale,S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73,91,100 oct.No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT.NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
→ Ocean Drive(Wampee,S.C.)	3.3 S;hwy NW	33	60h S1	80,91 oct.
Owens (Columbia,S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91oct.Tank WSW;
Parris Isl.(S.C.)	1.5 S	11	60h	CLOSED twr SSE
Peiffer (Wilmington,N.C.)	6 ESE;hwy N	10	18 S6	80 oct. N,NNE blkd.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga)(Hunter)	263(SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy NW	10	29 L S6	80 oct.Bndry lgts.N,NE blkd.Rough.
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18
(A) Shaw (Sumter, S.C.)(A)	7 WNW;RR W	236	45h L5 S6	73,91,100 oct.JP-1.
(P) Statesboro (Ga)	3.8 NE;hwy W	180	53h	
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct.Data unver.
Sylvania (Ga)	7.5 SSE	160	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston,S.C.)	5.5 W;RRs N	12	29 S6	80 oct.Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W.Savannah(Savannah,Ga)	3 W;RR W,N	42	23 S6	80 oct.P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct.N & E blocked.
(P) Woodward (Camden,S.C.)	2.9 NE;hwy E	300	30h S4	80,91 oct. Parked acft on fld

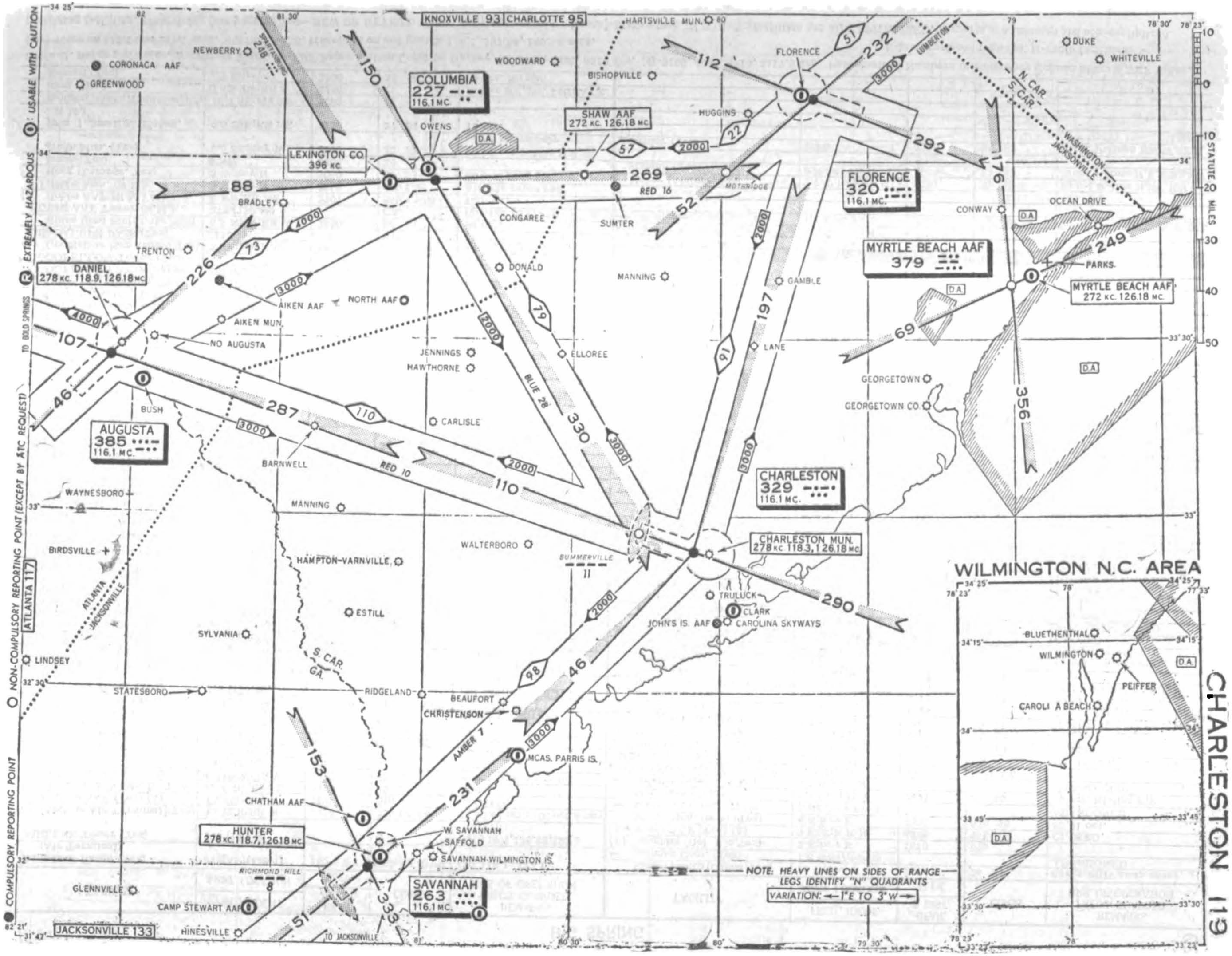
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- •—•—(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES					
→ Hampton-Varnville (Hampton,S.C.)	1.6 E;RR SW	110	28		ESE,SSW,WNW blkd.
Bradley (Batesburg,S.C.)	3.2 SE;hwy W	210	22 S2		80 oct.P-line W.trees
Gamble(Kingtree,S.C.)	1.8 E;hwy N	52	21 S2		80 oct.S,W blkd S,SE.
→ Saffold (Savannah,Ga)	4.8 ESE;hwy S	10	32 S6		80,91 oct.
Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4		80 oct. NE,ENE blkd.
Newberry (S.C.)	2.3 NNW;RR NE	565	22 S6		80 oct.P-line E blkd.
→ Glennville (Ga)	2 SW;hwy N	175	32 S1		80 oct.ESE,WNW appchs
→ Bishopville (S.C.)	1.8 NNE;hwys 0.6 SW	220	19 S2		80 oct.NNE,E,SSW blkd by trees
→ Christenson Fld (Beaufort, S.C.)	0.8 NNW;riv N	20	26		W,NNW,E,SSE blkd.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.65, 140.85 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93 CHARLOTTE 95
CORONACA AAF
GREENWOOD
NEWBERRY
SPARTANBURG 248
COLUMBIA 227 116.1 MC.
WOODWARD
HARTSVILLE MUN.
BISHOPVILLE
FLORENCE
DUKE
WHITEVILLE
LUMBERTON
N. CAR
S. CAR
WASHINGTON
JACKSONVILLE
SHAW AAF 272 KC. 126.18 MC.
HUGGINS
OWENS
LEXINGTON CO. 396 KC.
RED 16
MOTTRIDGE
FLORENCE 320 116.1 MC.
CONWAY
OCEAN DRIVE
BRADLEY
CONGAREE
SUMTER
MYRTLE BEACH AAF 379
MYRTLE BEACH AAF 272 KC. 126.18 MC.
PARKS
TRENTON
DANIEL 278 KC. 118.9, 126.18 MC.
DONALD
MANNING
GAMBLE
AIKEN AAF
NORTH AAF
AIKEN MUN.
NO AUGUSTA
JENNINGS
HAWTHORNE
ELLOREE
BLUE 28
LANE
GEORGETOWN
GEORGETOWN CO.
BUSH
AUGUSTA 385 116.1 MC.
CARLISLE
BARNWELL
RED 10
WAYNESBORO
MANNING
CHARLESTON 329 116.1 MC.
CHARLESTON MUN. 278 KC 118.3, 126.18 MC
WALTERBORO
BUMMERVILLE
BIRDSVILLE
HAMPTON-VARNVILLE
ATLANTA
JACKSONVILLE
ATLANTA 117
TRULUCK
CLARK
JOHN'S IS. AAF
CAROLINA SKYWAYS
ESTILL
SYLVANIA
LINDSEY
S. CAR.
GA.
STATESBORO
RIDGELAND
BEAUFORT
CHRISTENSON
AMBER 7
MCAS. PARRIS IS.
CHATHAM AAF
HUNTER 278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAFFOLD
SAVANNAH-WILMINGTON IS.
RICHMOND HILL
GLENNVILLE
CAMP STEWART AAF
SAVANNAH 263 116.1 MC.
HINESVILLE
TO JACKSONVILLE
JACKSONVILLE 133
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 1°E TO 3°W →
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLI A BEACH
D.A.
88
269
52
226
107
46
287
110
330
197
91
69
356
150
112
232
292
176
249
57
22
73
79
51
153
231
98
290
333
D: EXTREMELY HAZARDOUS TO BOLD SPRINGS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
CHARLESTON 119

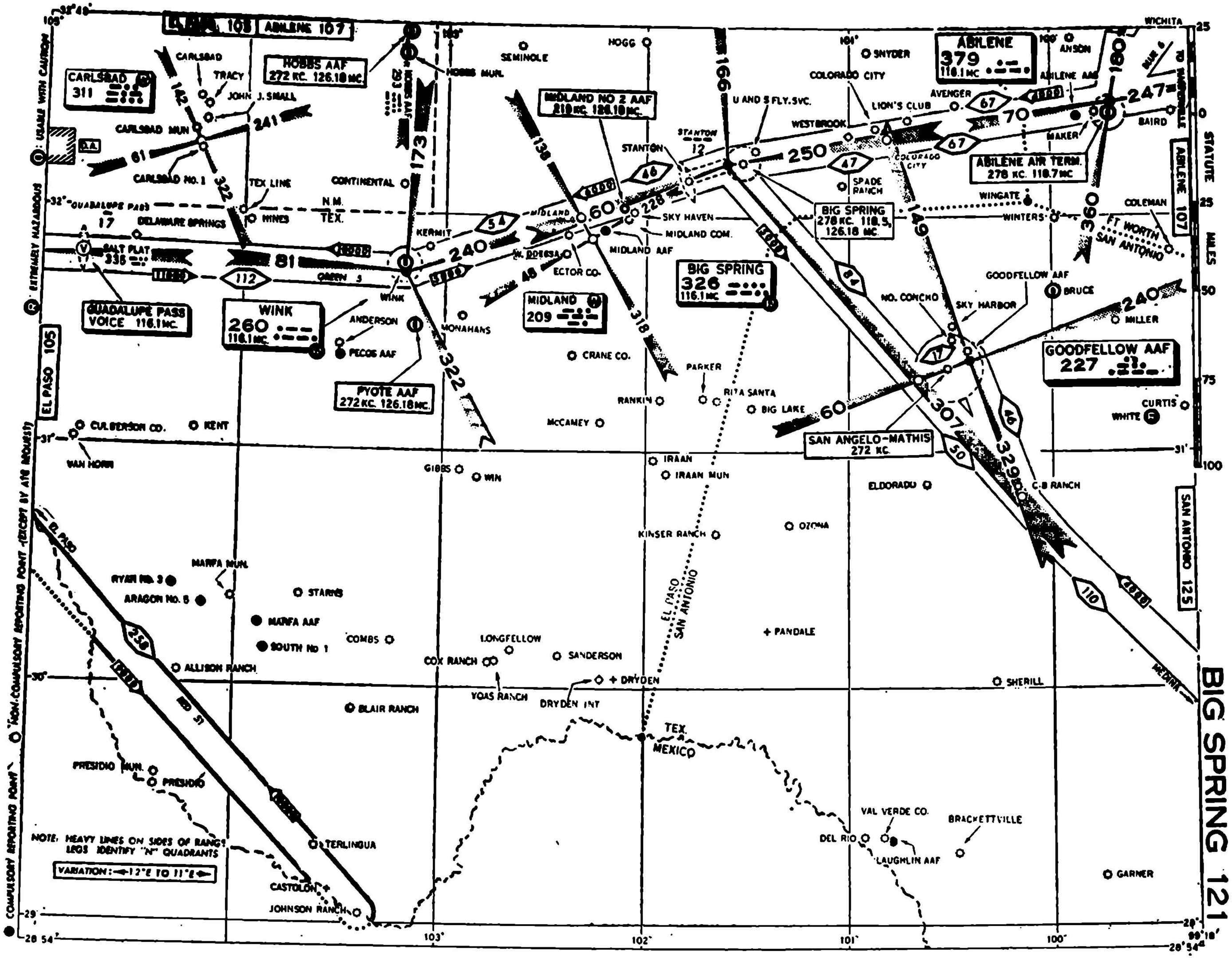
BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req. Use rnwys.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld.
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only.
Combs (Marathon, Tex)	0.8 SE;RR N	4100	26 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct•Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h L5 S6	73,91,100 oct.JP-1. (A)
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Laughlin (Del Rio,Tex)	7 E;hwy N	1070	67h	
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24)
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
(A) Midland #2 (A) (Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	33 S6	80,91 oct.P-line SSW.
North Concho(San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126 18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO Tower (Tex)	272		CI	(4); (12 noon-1 hr after sun-set).
(P) [San Angelo] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct,400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld. P-line W,NW.
Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80,91 oct.After 2100 lgts on req.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED. W-mill WNW
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
U & S Fly.Svc.(Big Spring)	1.5 N;hwy 1 S	2517	34 S6	80 oct.P-line N,NNE.Ctn E/W strip.(Tex)
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex	14.8 S;ranch 4 E	2127	26	
Westodessa (Odessa,Tex)	1.5 WSW;RR S	2880	35 S2	80,91 oct.P-lines NNW,SSE
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW.
Snyder (Tex)	1.3 S	2270	21 S2	80 oct.P-lines NW,W,SE.E blkd.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. h-hard surfaced runways. R-radio facilities.

(vhf)-voice on 116.1 and 121.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

L-lighting facilities. S-servicing (see page XIII) ➔ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


EL PASO 105
ABILENE 107
CARLSBAD 311
CARLSBAD MUN
CARLSBAD No. 1
HOBBS AAF 272 KC. 126.18 MC.
HOBBS MUN.
SEMINOLE
HOGG
MIDLAND NO 2 AAF 219 KC. 126.18 MC.
STANTON
U AND S FLY. SVC.
SNYDER
COLORADO CITY
ABILENE 379 116.1 MC
ABILENE AAF
ANSON
AVENGER
LION'S CLUB
WESTBROOK
BAIRD
ABILENE AIR TERM. 278 KC. 118.7 MC
MAKER
SPADE RANCH
BIG SPRING 278 KC. 118.5, 126.18 MC.
WINGATE
WINTERS
COLEMAN
FT. WORTH
SAN ANTONIO
TEX LINE
CONTINENTAL
N.M.
TEX.
GUADALUPE PASS
DELAWARE SPRINGS
SALT FLAT 338
GUADALUPE PASS VOICE 116.1 MC.
WINK 260 116.1 MC
WINK
ANDERSON
PECOS AAF
PYOTE AAF 272 KC. 126.18 MC.
KERMIT
MIDLAND
W. ODESSA
ECTOR CO.
MIDLAND COM.
MIDLAND AAF
SKY HAVEN
BIG SPRING 326 116.1 MC
MIDLAND 209
MONAHANS
CRANE CO.
PARKER
RITA SANTA
RANKIN
BIG LAKE
McCAMEY
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
GOODFELLOW AAF 227
CURTIS
WHITE
SAN ANGELO-MATHIS 272 KC.
CULBERSON CO.
KENT
VAN HORN
GIBBS
WIN
IRAAN
IRAAN MUN
ELDORADO
C-B RANCH
KINSER RANCH
OZONA
SAN ANTONIO 125
EL PASO
SAN ANTONIO
MARFA MUN.
RYAN No. 3
ARAGON No. 5
STARNS
MARFA AAF
SOUTH No 1
COMBS
LONGFELLOW
COX RANCH
SANDERSON
PANDALE
ALLISON RANCH
YOAS RANCH
DRYDEN
DRYDEN INT
SHERILL
BLAIR RANCH
TEX.
MEXICO
PRESIDIO MUN.
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
VAL VERDE CO.
DEL RIO
LAUGHLIN AAF
BRACKETTVILLE
GARNER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY AIR MOUNTED)
COMPULSORY REPORTING POINT
STATUTE MILES
BIG SPRING 121

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;hwy 2 N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria, Tex)	See Victoria Co under "New Facilities" - name change			
Aloe #10 (Victoria, Tex) (A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;hwy N	552	18	Trees N. Bush NW. C'l N.
* Austwell Int, 5A, CR-HU	2.1 SSW;rd N	23	32 L3	(Tex)
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt opers).
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;hwy NW	30	50h L5 S6	80,91,100 oct.
Central Valley (Mercedes)	1.5 NE;hwy S	62	31h S6	80,91 oct. Data unver
Chase (Beeville, Tex.)	5.6 ESE;rd N	186	46h L5	No bcn, bndry, or (Tex) flood lgts.
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus] (Corpus Christi, Tex)	2.5 SW;hwy N	42	45h L6 S2	80,91 oct.
Commercial (Edinburg)	1 W;RR SE	90	13 S1	73 oct. P-line NW. (Tex)
Community (Sinton, Tex)	2 W;RR E	50	24 S4	80 oct. Trees N,E,SE.
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE;bay N	19	50h L5 S6	80,91,100 oct NATS (N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex) (N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex) (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex) (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	21 S4	80 oct. P-line NE, WSW.
CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L5 S6	80,91 oct. No bcn. (Tex.)
Dimmit Co. (Carrizo Spgs, (Tex)	2.8 E;hwy N	640	26	P-line NNE, WSW.
(P) Eagle Pass (Tex)	10 N;RR N	387	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct. ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR SE	70	21 L S6	30 oct. Lgts prior req.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	CLOSED
Fox (Raymondville, Tex)	1 WSW;RR S	40	26 L S4	80,91 oct. Poles S.SW.
Freer (Tex)	3.8 NNW			ABANDONED Port flood prior req.
Harlingen, com. (Tex)	1.8 SSW	41	18	
Harlingen (Tex)	5 NW;RR SW			ABANDONED
Harlingen, mun. (Tex)	3.5 NE	35	60h L5 S6	80,91 oct. Lgts prior req
Hunt (Portland, Tex)	2 WNW;bay S	35	16 S4	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy 1 S	17	34 S1	80 oct. Emerg only (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18, 118.7)		C (ILS-W)	(4): 118.7 126.18,122.5 (8-24)
NEW FACILITIES				
Woods (Donna, Tex.)	0.9 E;RR S	88	25 S6	73,80 oct. Obst sur fld.
Victoria Co (Tex)	5.5 WSW;hwy S	107	56h S6	80,91 oct.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	19	57h L6 S6	73-100 oct. ARPT OF ENTRY. 100 oct. Army
Kenedy (Tex)	1.4 ESE;hwy N	270	15 S2	80 oct. Ctn.
* Kingsville Int, 11, JI-FV	3.5 S;hwy W	58	26 L3	(Tex)
" (North) (Tex)	3.5 ESE	47	61h	CLOSED.
Kingsville (South) (Tex)	3.5 SE	51	61h S4	80, 91 oct.
Lake Mathis (Mathis, Tex)	5 WSW;RR SE			ABANDONED.
La Laja (Dolores, Tex)	1.5 NNE;riv SW			ABANDONED
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy, RR V	512	66h L5 S6	80,91 oct. Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S6	80 oct. P-line W.
McAllen (Tex)	1.6 SSW;hwy E	115	29 S6	80,91 oct. Obst sur. fld.
Magic Valley (Mission)	1.5 SSW;lk W			ABANDONED
(A) Matagorda Island (Tex) (A)		7	40h	TMP INACT. NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville, Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Obst sur fld.
Mid-Valley (Weslaco, Tex)	1.7 NE;RR W	70	25h S4	80 oct. Canal N,E,S.
(P) Moore (Mission, Tex)	12 N;RR E	219	50h L5 S6	80,91 oct.
" #1 (Mission, Tex)	10 N Edinb'g	80	40h	hwy, RR V.
(A) " #3 (Mission, Tex) (A)	5 N La Grulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S4	80 oct.
* Pawnee Int, 22, JI-FV (Tex)	5 WNW	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
* Raymondville Int, 5, JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	See Aransas Co under "New Facilities" - name changed.			
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;riv S	20	51h L5 S6	80,91,100 oct. opers.)
Rooke (Refugio, Tex)	3.2 WSW	46	26 S4	80 oct. P-line NE.
San Benito, 2, JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	80,91 oct. Bust SW.
Shary (Mission, Tex)	1 NW;RR E			ABANDONED
Sinton (Tex)	1.3 E	27	26 S6	80,91 oct.
Tanner Sea & Land Plane Base (Port Lavaca, Tex)	3 S;hwy S	12	22 S1	80 oct.
Travland (Beeville, Tex)	2 NW;RR E	225	19 S2	80 oct. P-line E,NE.
Waldron (Corpus Christi, Tex)	12 SSE;hwy NNE	25	50h	CLOSED.
Weisman (Kingsville, Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W			ABANDONED
Worsham (Taft, Tex)	0.8 ENE;hwy S	54	20 L S6	80 oct. Port lgts on req.

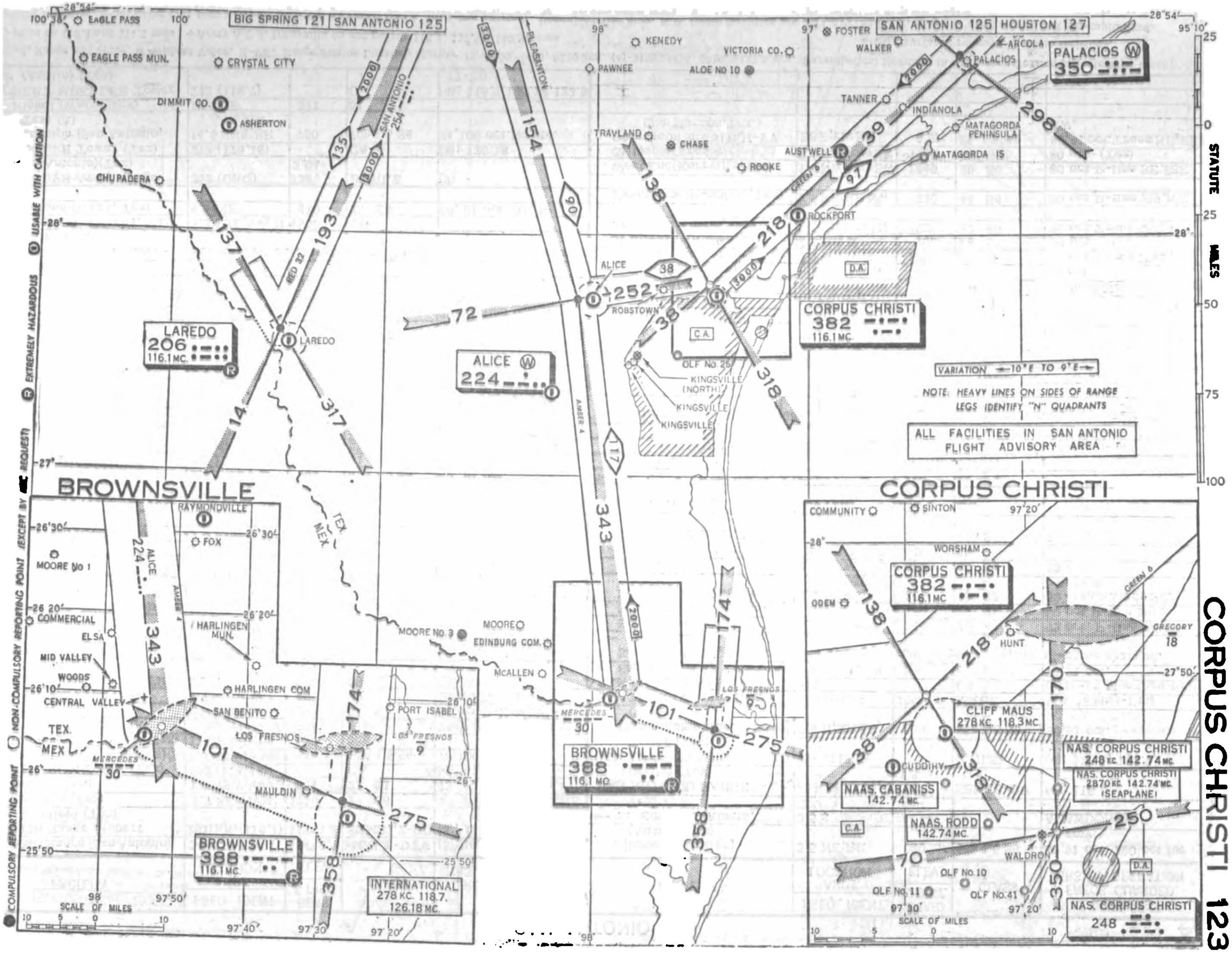
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3	335	170°	IM-	MM- ·—·—(0.66)	OM- ——(4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
(P) Aransas Co (Rockport, Tex	4.3 N;bay W	22	45h	
Robstown Arpk (Tex.)	1 SW;RR S	83	16h	Rough. Use ctn. Cattle on fld.
Odem (Texas)	1.5 SSW;RR W	50	25 S1	80 oct. P-line W. PRIVATE
Walker (Lolita, Tex.)	1.8 SSW;riv W	14	18 S2	80 oct. P-line N.
Edinburg (Tex)	2.8 W;hwy N,W	90	24 S6	73,91 oct. P-line W,N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIG SPRING 121 | SAN ANTONIO 125
SAN ANTONIO 125 | HOUSTON 127
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY REQUEST)
COMPULSORY REPORTING POINT
LAREDO
206
116.1 MC.
ALICE
224
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No 1
COMMERCIAL
ELSA
MID VALLEY
WOODS
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN COM
SAN BENITO
LOS FRESNOS
PORT ISABEL
MAULDIN
MERCEDES
30
TEX. MEX
MOORE No. 3
MOORE
EDINBURG COM.
McALLEN
BROWNSVILLE
388
116.1 MC.
INTERNATIONAL
278 KC. 118.7.
126.18 MC.
KENEDY
PAWNEE
VICTORIA CO.
ALOE No 10
TRAVLAND
CHASE
ROOKE
FOSTER
WALKER
ARCOLA
PALACIOS
PALACIOS
350
TANNER
INDIANOLA
MATAGORDA PENINSULA
AUSTWELL
MATAGORDA IS
ROCKPORT
ALICE
ROBSTOWN
72
D.A.
C.A.
CORPUS CHRISTI
382
116.1 MC.
OLF No. 25
KINGSVILLE (NORTH)
KINGSVILLE
KINGSVILLE
VARIATION 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
ODEM
HUNT
GREGORY
CLIFF MAUS
278 KC. 118.3 MC.
NAAS. CABANISS
142.74 MC.
NAAS. RODD
142.74 MC.
CUDDIHY
WALDRON
OLF No. 10
OLF No. 11
OLF No. 41
NAS. CORPUS CHRISTI
248 KC. 142.74 MC.
NAS. CORPUS CHRISTI
2870 KC. 142.74 MC.
(SEAPLANE)
NAS. CORPUS CHRISTI
248
SCALE OF MILES
STATUTE MILES
CORPUS CHRISTI 123

SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➙ ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1(Tex ex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	1.7 SE;riv N	1250	27 S6	80 ,91 oct. P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	515	65h L5 S6	73,100 oct. JP-1.
Blackland #1 (Waco, Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT. NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
➙ Cuero (Tex)	3.1 N;riv 1 W	195	53 S6	80,91 oct. Port lgts prior req.
Curtis (Brady, Tex)	3 N;hwy SE	1830	42 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts. Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
➙ Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
➙ Edna (Tex)	1.5 ENE;RR NW			ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	lgts prior req
Garner (Uvalde, Tex)	2.7 E;hwy NW	930	17h L S6	80,91 oct. Port rnwy
(P) Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct. P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct. P-lines NE,E,
➙ Hefner (El Campo, Tex)	1.5 WSW	104	41 L S6	80 oct. Port rnwy lgts. P-line NNE,SSW
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct. JP-1. FOREIGN CLEAR.ST!
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct. Sign board N.
(P) Lampasas Co. (Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
(P) Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
➙ Louise (Tex)	1.6 E;RR W			ABANDONED
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities"-name changed			
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.04	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct. No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct. 100 oct for Army.
➙ St. Edwards (Austin, Tex)	3.5 S			ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3) (6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv 1.4 W	596	63h L5 S1	73,91 oct.
* San Marcos Int, 31B, ➙ JI-FV (Tex)	See Thompson under "New Facilities"-name changed.			
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct. P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct. Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

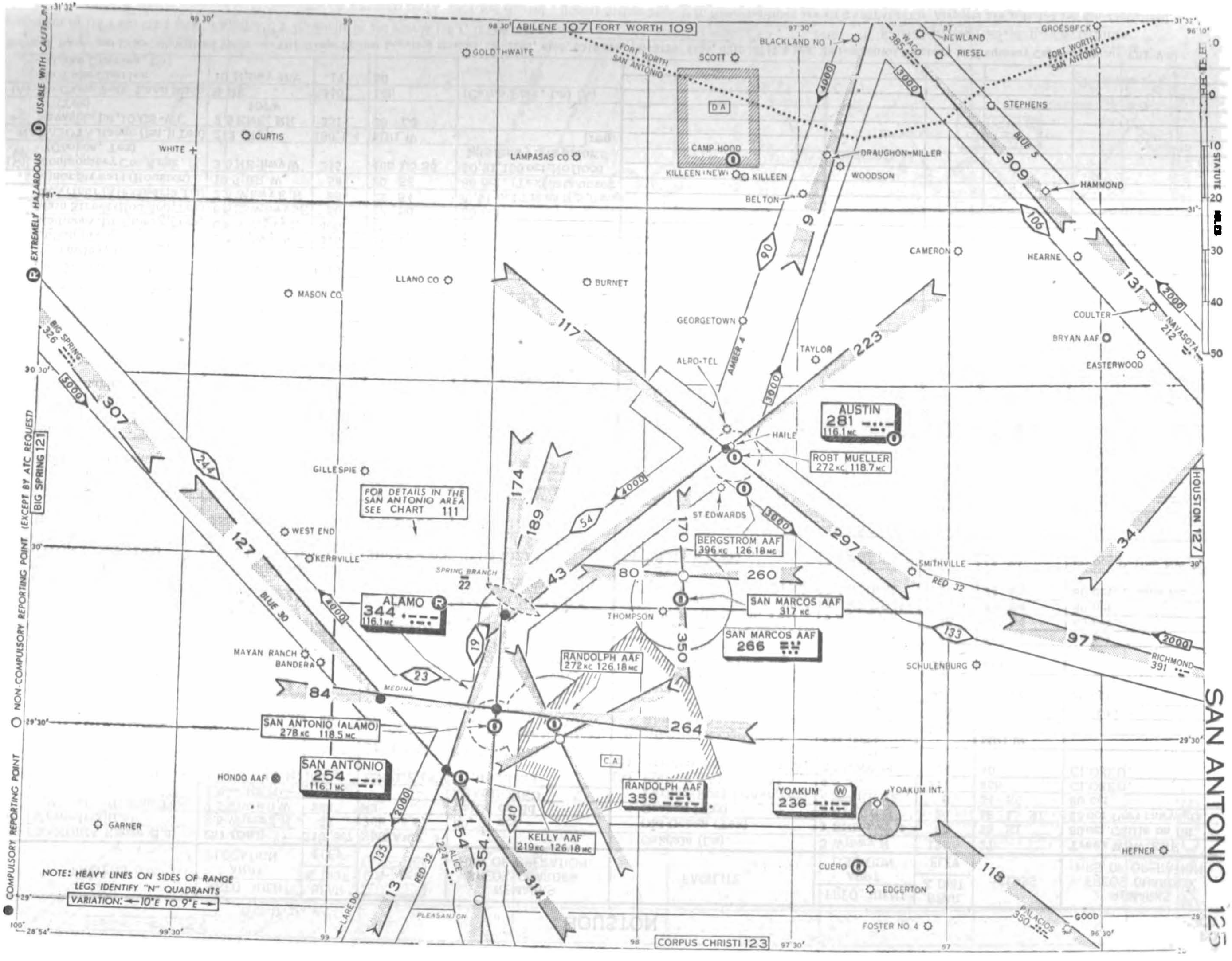
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9 •-•-•	333.8	30°	IM-	MM-•-•-•(0.68)	OM- — —(4.38)
					MMK-	OMK-230•— — —
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

➙ Edna (Tex,	See Good under "New Facilities"- name changed.			
Killeen-new (Tex)	1.6 SE;RR, hwy N	833	25 S1	80 oct.
Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct No f-lgts P-line
➙ Good (Edna,Tex)	2 ESE;hwy S	60	18 S1	80 oct.
Mayan Ranch(Bandera,Tex)	0.7 W;riv N	1230	25 S2	80 oct Trees NNE,SSE,NW
St Edwards(Austin,Tex)	4 S;RR N	700	23 S4	80 oct
Aero-Tel(Austin,Tex)	7.5 N;plant 1 N	720	22 S6	80 oct Trees SSE,W .
Faust(New Braunfels,Tex)	2.5 NE;RR NW	720	44 S4	80 oct P-line SW,NW.
West End(Kerrville,Tex)	1.9 NW;hwy SW	1645	20 S6	80 oct P-line SE,SSE.
Gillespie(Fredericksb'g)	3.1 SW;hwy SE	1742	42 S3	80 oct (Tex)
Thompson Site 31B,JI-FV (San Marcos,Tex.)	2 SE;riv NE	577	29 L3 S6	80,91 oct. Trees NE,ESE, SW.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.86, 140.56 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) ➙ NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



SAN ANTONIO 125

HOUSTON

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) [Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co. (Lufkin, Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
Bay City (Tex)	2 SSW;RR N			ABANDONED
BEAUMONT Range (Jefferson Co) (Tex)	368 (JU) (116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex)	6.8 W;bet RRs	28	34 L3 S6	73,80 oct. Fld lgts prior
→ Carter Fly. Svc (Velasco, Tex)	0.8 NW;RR NE	10	27 S1	80 oct. P-line NNW req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld. WNW
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	Lgts on req to Ellington
(A) Ellington (Houston, Tex) (A)	15 SE;RR W	39	52h L5 S1	100 oct. Airways or
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct. Houston Arpt.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263 (GS) (116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City, Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322 (HU) (116.1)	309°,2.2	SBRAZ-DTV	3);116.1,122.1
HOUSTON Tower (Tex) [Houston] (Tex)	(278) (126.18,118.5) 9 SSE;hwy W	50	AC (ILS) 47h L6 S6	(4);118 5,126 18,122 5 73,80,91,100 oct.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress, Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co. (Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	Rnwy ctc lgts on req.
→ Jennings (La)	1.4 NNW;RR SW	20	32 S4	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242 (LC) (116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
→LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.] (La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,100 oct, JP-1 for Army.
→ Lake Charles (La)	5.2 SSW;hwy N			ABANDONED
→ Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto P-line N,S.
(P) Le Gros Memorial → (Crowley, La)	6.5 WSW;RR N	16	43h L5 S2	80,91 oct.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg. (Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston, Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria, La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S. Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.) (Tex)	212 (NT)	180°,1.4	MRLW	req.
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur, Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston, Tex) (A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville, Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston, Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk, La) (A)	Adj E	300	21h	
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston, Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S4	80 oct. P-line NW,NNW.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ HOUSTON	109.9 ••• —	333.8	35°	IM-	MM- •— •— (0.66)	OM- — — (4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

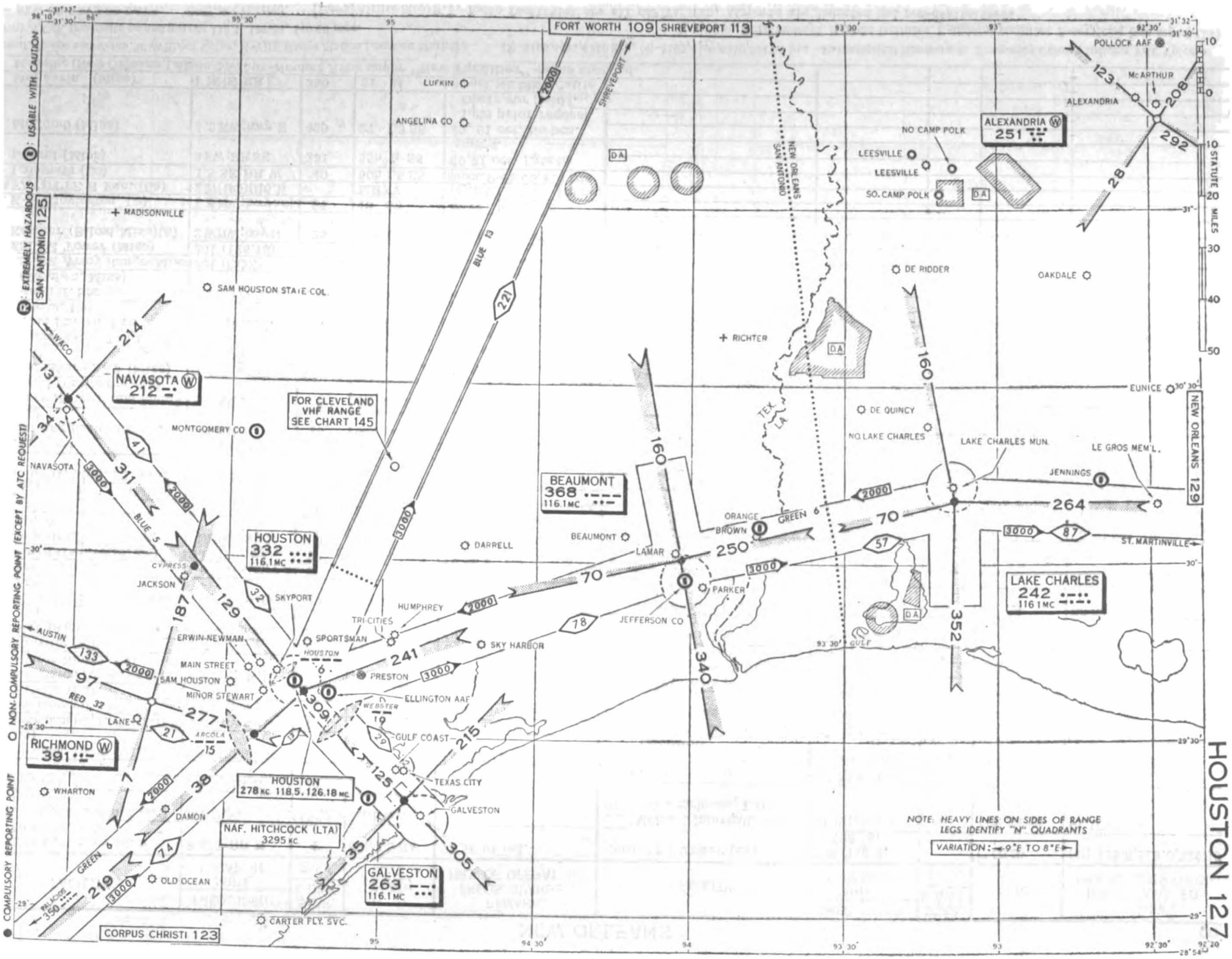
NEW FACILITIES

CLEVELAND Range (Tex)	109.1 (CL)		VARW	
Brown (Orange, Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
Darrell (Liberty, Tex)	4.3 ESE;RR, hwy N	30	29 S1	80 oct. P-line N
Lane (Rosenburg, Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
Texas City (Tex)	1.8 NNW	8	34 S4	80.91 oct. P-line NE.
→ ELLINGTON Tower (Houston, Tex.)	219		CA	4495;126.18 (8-17)

S-Simul Range and Voice. W-Without Voice Z-VHF Range Station Location Marker (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

(vhf)-voice on 116 1 and 111 1 mcs +Army A.C.S transmits on and guards 116.1, 137.88, 140.58 mcs h-hard surfaced runways. R-radio facilities

L-lighting facilities S-servicing (see page xiii) → NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


FORT WORTH 109
SHREVEPORT 113
SAN ANTONIO 125
NAVASOTA 212
ALEXANDRIA 251
BEAUMONT 368
HOUSTON 332
HOUSTON 278 KC 118.5, 126.18 MC
RICHMOND 391
GALVESTON 263
LAKE CHARLES 242
CORPUS CHRISTI 123
NAF. HITCHCOCK (LTA) 3295 KC
FOR CLEVELAND VHF RANGE SEE CHART 145
LUFKIN
ANGELINA CO
MADISONVILLE
SAM HOUSTON STATE COL.
MONTGOMERY CO
NAVASOTA
WACO
AUSTIN
BLUE 13
BLUE 5
BLUE 32
RED 32
NEW ORLEANS SAN ANTONIO
SHREVEPORT
POLLOCK AAF
McARTHUR
ALEXANDRIA
LEESVILLE
NO CAMP POLK
LEESVILLE
SO. CAMP POLK
DE RIDDER
OAKDALE
RICHTER
EUNICE
DE QUINCY
NO LAKE CHARLES
LAKE CHARLES MUN.
LE GROS MEM'L.
JENNINGS
ST. MARTINVILLE
BEAUMONT
DARRELL
LAMAR
ORANGE
BROWN
GREEN
PARKER
JEFFERSON CO
CYPRESS
JACKSON
SKYPORT
TRI-CITIES
HUMPHREY
ERWIN-NEWMAN
SPORTSMAN
SKY HARBOR
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
WEBSTER
GULF COAST
TEXAS CITY
GALVESTON
LANE
ARCOLA
WHARTON
DAMON
OLD OCEAN
CARTER FLY. SVC.
PALACIOS
TEX. LA
GULF
DA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
NEW ORLEANS 129
HOUSTON 127

NEW ORLEANS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	119°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
→ Chapman (New Orleans, La)	8.5 NE;lake N			ABANDONED
★ Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
★ Donaldsonville Int, 26, HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
Ellisville (Miss)	1.3 SW	240	18 S4	80 oct, Trees all appchs
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	108	45h	CLOSED
False River (New Roads, La)	1.6 S ;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	fld.
→ Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S4	73,80,91 oct. Obst sur
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S4	80 oct. Trees sur fld.
↘ Grand Isle (La)	2.6 NE;hwy NW	4	22	
(P) Gulfport #1, (Miss)	3 NE;bayou N	27	70h S4	80 oct.
→ Gulfport, Mun. #2 (Miss)	1.3 N;RR E	30	24	CLOSED
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding] (Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	See Sharpe Airport under "New Facilities" - name changed			
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4);116.1,122.1 on req.
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts
Laurel (Miss)	3 SW;RR SE	231	55h L S6	80,91 oct. Lgts in emerg.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field. on fld.
McLaurin (Miss)	1 NNE;RR E/	350	21 S4	80 oct, NE blkd. Cattle
Menefee (New Orleans, La)	See Meraux-Neunez Arpk under "New Facilities" - name changed.			
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
→ [Moisant International] (N) (New Orleans, La)	11 W;riv 1 S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3);116.1,122.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La) →	6.5 NNE;RR S	8	40h L4 S4	91,100 oct.; 80-100 oct, 1-ech main NG.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE;hwy W	92	19 S4	80 oct. P-line W
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver
→ Texaco (New Iberia, La)	2.6 N;hwy W			ABANDONED
★ Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	28 S4	73,80 oct. No sto. P-line W
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM- ·-·-· (0.67)	OM- – – (3.92)
					MMK-	OMK-254 ·-··
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

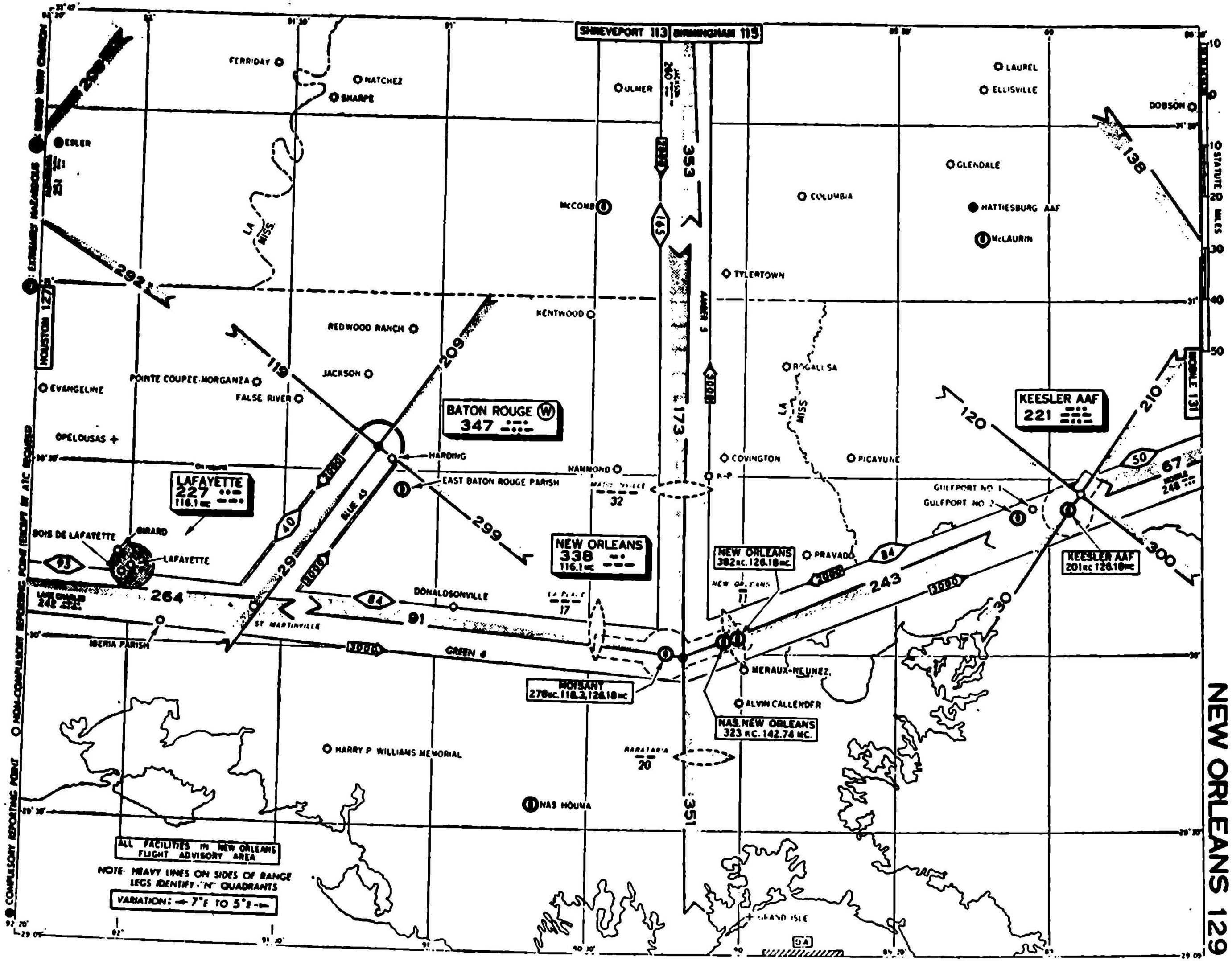
NEW FACILITIES

Pravado (Slidell, La)	1 W;hwy N	9	18 S1	80 oct
Kentwood (La)	0.4 N	100	15 S2	80 oct
Dobson (Bucatunna, Miss)	1 N;hwy W	185	22 S2	80 oct. Trees ENE,SSE,
Sharpe (Natchez, Miss)	1.8 ESE;RR S	27	26 S4	80 oct. N,W blkd NNW
Meraux-Neunez Arpk (New Orleans, La.)	5.2 E;riv S	1	25 S6	80 oct. P-lines S.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice.

⊥ Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
BIRMINGHAM 115
FERRIDAY
NATCHEZ
SHARPE
ULMER
LAUREL
ELLISVILLE
DOBSON
ERLER
GLENDALE
COLUMBIA
HATTIESBURG AAF
McLAURIN
McCOMB
TYLERTOWN
KENTWOOD
REDWOOD RANCH
JACKSON
POINTE COUPEE-MORGANZA
EVANGELINE
FALSE RIVER
BOGALUSA
BATON ROUGE (W)
347
HARDING
EAST BATON ROUGE PARISH
HAMMOND
COVINGTON
PICAYUNE
KEESLER AAF
221
LAFAYETTE
227
116.1
OPELOUSAS
BOIS DE LAFAYETTE
GIRARD
LAFAYETTE
NEW ORLEANS
338
116.1
GULFPORT NO 1
GULFPORT NO 2
NEW ORLEANS
382 RC. 126.18
PRAVADO
KEESLER AAF
201 RC 126.18
DONALDSONVILLE
ST MARTINVILLE
IBERIA PARISH
MORGANZA
278 RC. 118.3, 126.18
MERAUX-MEUNEZ
ALVIN CALLENDER
NAS NEW ORLEANS
323 RC. 142.74 MC.
HARRY P WILLIAMS MEMORIAL
NAS HOUMA
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE 10 MILES
NEW ORLEANS 129

MOBILE

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS. GUARDED, HRS OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 S;hwy W	340	18 S6	80 oct. P-line NW.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys
→BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
→BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Bascomb (Fla) (A)	3.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct No flood lgts; ctc lgts on req.
(P) Brewton (Ala)	3.5 S;riv N	92	40h	Cattle on fld.
→ Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126 18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
Carabelle Flgt Strip (Fla)	2.6 W;hwy S	20	40h	NNW
Chastain's (Prichard, Ala)	2.5 NW;hwy F	50	19 S6	80 oct. SSE blkd, Trees SW
→ Chipley (Fla)	3.2 SE;RR N	100	26 S6	80 oct. S blkd. Trees N.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla
→CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4);116.1,122.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	13.5 SW;bcn N.	180	17 S6	80 oct. →
→ De Funiak Springs (Fla)	1 W;hwy N	197	25 S6	80 oct. Obst sur fld.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(NI)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1 No sto
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
→ Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	CLOSED
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
Enterprise (Ala)	0.5 N;hwy W	355	23 S6	80 oct. Trees WSW.
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S
→ Gulf Airpark (Pensacola,Fla)	See Airpark (Pensacola, Fla.) under "New Facilities"-name changed.			
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
→ Jackson Co. (Pascagoula,Miss)	3.5 ENE	16	45h S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy 5	90	25	
Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct. P.line W.E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
→ (P) [Marianna](Fla)	6 NE;hwy E	112	50h L5 S6	80,91 oct. Fld lgts prior req
(P) Middleton (Evergreen,Ala)	6 WSW;hwys .3 E	258	40h L1	
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S6	80 oct. E,S,W blkd.
MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°, 3.2	SBRAZ-DTV	(3);116.1,122.1
(P) Napier (Dothan, Ala)	7.5 NW;RR S	397	45h	
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT NO FACS.
Panama City (Fla)	5 NW;bay W	4	19 S4	80,91 oct.

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
→ Pensacola Arpk (Fla)	4 NW;hwy E	90	34 S1	80 oct. Allway fld.
PENSACOLA NAS-CHEVALIER Tower (Fla)	383 (142.74)		CN.	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts.(N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;hwy SW	322	27 S6	80 oct. Twr NW. (Ala)
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W	129	29h	CLOSED
TYNDALL, Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
→ WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld INACTIVE.(N)
(N) Wolf OLF (Elberta,Ala). (N)	5.8 SE	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES tower(Ala)	317(118.9)	C		(4);118.9,122.5 [prior req.
Flomaton (Ala)	2 NNE;RR 1 E	240	16 L S4	80 oct. P-line W. Strip lgts
Hutchinson's Avia. Port	9 5 WNW	10	19 S1	80 oct (Panama City,Fla)
Sandpiper (Port St Joe,Fla)	1 E	20	22 S4	80 oct
Headland (Ala)	2 ENE;hwy NW	350	48 S1	80 oct
→ Oak (Foley,Ala.)	6 S;riv W	35	20 S6	80 oct. Trees E.
→ McKee (Jackson,Ala)	1.1 N;hwy E	60	17 S2	80 oct. S blocked.
→ Robertsdale (Ala)	1.3 E;RR W	142	19 S4	80 oct. P-line E.
→ Airpark (Pensacola,Fla.)	4.5 WNW;hwy SW	70	20 S1	80 oct.
→ Edwards (Pensacola, Fla.)	Adj W;RR W	70	30 S6	80 oct.
→ Oak (Foley, Ala.)	6.0 S;riv N.	35	20 S6	80 oct. Trees E.

S-Simul Range and Voice W-Without Voice. Z-VHF Range Station Location Marker (3)-3105,4495,6210 kcs. (4)-3105,4495,6210,3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice.

+Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII)

→ NEW OR REVISED DATA. (NC)-Not charted. [Jones] Airline Stop N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

BIRMINGHAM 115 | ATLANTA 117

EXTREMELY HAZARDOUS ⊙ USABLE WITH CAUTION

NEW ORLEANS 129

MOBILE 248 111.1,116.1 MC

BROOKLEY AAF 281 KC. 126.18 MC.

BATES 317 KC. 118.9 MC.

NAAS. SAUFLEY 275 KC. 142.74 MC.

NAS. WHITING ⓦ 524

NAS. WHITING (NO.) 269 KC. 142.74 MC.

NAS. WHITING (SO.)

DOTHAN 233 116.1 MC.

CRESTVIEW 350 116.1 MC

EGLIN AAF 209

EGLIN AAF 278 KC. 126.18 MC.

PENSACOLA 326 116.1 MC.

NAS. PENSACOLA – CORRY 341 KC. 142.74 MC.

NAS. PENSACOLA – CHEVALIER 382 KC. 142.74 MC.

SEAPLANE 2870 KC. 142.74 MC.

TYNDALL AAF 272 KC. 126.18 MC.

TYNDALL AAF 203 Ⓡ

OLF'S TO NAAS. BARIN	
+ 10	CANAL
+ 11	MAGNOLIA
+ 12	SILVERHILL
OLF'S TO NAAS BRONSON	
+ 13	KAISER
+ 14	WOLF
+ 15	FAIRCLOTH
OLF'S TO NAAS ELLYSON	
+ 16	BAGDAD
+ 17	SPENCER
OLF'S TO NAS WHITING	
+ 18	HOLLEY
+ 19	SANTA ROSA
+ 20	CHOCTAW

VARIATION: ←5°E TO 3°E→

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

STATUTE MILES

MOBILE 131

JACKSONVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AL[illegible]AAF Range (Ga) (Turner Afld, Proj No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4); 116.1 (DTV stn lctd at Albany Arpt).
[illegible] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct. Lgts prior req.
[illegible] (Ga)	242 (AJ)(116.1)	144°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43, MM-AG (Ga)	2.5 W;hwy N	200	43 L3 S1	80 oct. P-line NW.
Ashburn (Ga)	1.5 SE;RR, hwy W	430	18 S1	80 oct.
(A) Babcock (Boykin, Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
➙ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(A) Bemiss #3 (Valdosta, Ga)(A)	12 NE;hwy SE	198	50	TMP INACT. NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	CLOSED
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct. Trees W, Poles SW
(N) Branan OLF (Jacksonville, Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4); 116.1, 122.1
Brunswick Arpk (Ga)	2.5 NNE;RR W	14	26 S2	80, 91 oct Trees NE.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW	180	21 S1	80 oct. Data unver.
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105; 142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville, Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
Civil Air Patrol (Waycross, Ga)	2.6 WSW;RR N	140	22 S6	80 oct. W blkd. Soft
Commodore Decatur	2 WNW;hwy N	103	40h S1	80 oct. (Bainbridge, Ga.)
➙ Conway Arpk (Starke, Fla.)	1. W;RR E	165	20 S1	80 oct. Obst sur fld,
Cook County (Adel, Ga)	1.3 W;hwy N, S	220	40h S6	80, 91 oct. SW blkd.
➙ Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80, 91 oct.
CROSS CITY (AAF) Range (Fla.)	269(FC)(116.1)	315°, 2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L4	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3, 126.18)		C	(4); 126.18, 118.3, 122.5
(P) [Dale Mabry] (Tallahassee, Fla)	3 W; RR S	70	53h L5 S6	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	14 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°, 2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct. Ctc & rnwy lgts on req.
➙ Faceville (Ga)	3.5 S			ABANDONED.
(P) Fernandina (Fla)	4 S;ocean E	15	52h S6	80 oct.
Fitzgerald (Ga)	2 SSW;RR W, E	365	24	
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts. (Jacksonv'l, Fla)
Folkston Int, 37, MM-AG (Ga)	0.7 WNW;RR NE	82	20 L3	P-line NE, SW, NW
GLYNCO NAF Range (Ga)	520 (NEA)	239°, 0.3	MRLZ	3105, 6390 (V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105.4495; 142.74 (0730-16)
(N) Glynco NAF (LTA) (Ga)(N)	6.4 N Brunswick	25	38h L1 S4	91, 100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S. Newport	22	54h	CLOSED.
➙ Hart (Jacksonville, Fla)	6.5 W;RR S	20	40 S6	80, 91 oct. Trees sur fld.
➙ Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S2	80, 91, 100 oct, on req.
Homerville Flight Strip (Ga)	2.5 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°, 1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126, 18, 118.5)		AC (ILS)	(4); 122.5, 126.18, 118.5
(P) Jacksonville #1 (Fla)	6.3 N;RR W	52	71h L6 S6	80, 91 oct. Hangar W.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°, 3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18, 142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870, 3105 (avail. during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E, N	20	60h L5 S6	91, 100 oct. NATS.
➙ Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3 S1	80 oct. Poles W.
➙ Jesup (Ga)	2.3 NE;RR E	100	26	50' trees ends all strips
(P) Kay Larkin (Palatka, Fla)	3 NW;RR S	56	50h L5 S1	80, 91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	CLOSED
Lake City (Fla)	3.7 ESE;RR S	201	60h S2	80 oct.
➙ Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	26 S4	80 oct. Obst sur fld.
(A) Lake Park #2 (GA)(A)	1 SSW;hwy N	220	48	TMP INACT. NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE;riv N	22	51h	
➙ Live Oak (Fla)				ABANDONED
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	19	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E, SE	34	32	CLOSED
(A) Montbrook AAF (Williston, Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta, Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT. NO FACS.
(A) Moultrie (Ga) (A)	7 S;hwy NW	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	16 S6	80 oct.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
➙ Perry (Fla)	3.5 S;RR E	45	50h S4	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy, RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE, WSW blkd.
(A) Rocky Ford #1 (Valdosta, Ga)	16 SW;hwy N	220	50h	CLOSED. (A)
➙ St. Augustine (Fla)	4 NNW;hwy W	10	42h S6	80, 91 oct.
St. Marys (Ga)	1.7 NNW;riv S	24	50h	Cattle on fld.
ST. SIMONS ISLAND NAS Tower (Ga)				DECOMMISSIONED
➙ (N) St. Simons Island NAS (Ga)(N)	See Malcolm-McKinnon under "New Facilities" - name changed.			
Sky Haven (Albany, Ga)	1.5 SSW;hwy E	200	26 S4	80 oct P-line WNW.
➙ Sawyer (Palatka, Fla)	2.6 SW;riv 2 S	60	25 S4	80 oct.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60 S6	Pwrline E.
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	47 S6	80, 91 oct.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	CLOSED
TALLAHASSEE Rng (Dale Mabry)	335 (TJ)(116.1)	85°, 2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80, 91 oct. No flood lgts.
Tennile (Fla.)	2.2 SSW;rd E	35	20	Trees SW
➙ Terrell Co. (Dawson, Ga.)	2.5 SE;hwy N	353	26	S blkd. INACTIVE
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S2	80 oct. P-lines NW
Three "B" (Fitzgerald, Ga)	1.5 N	515	27 S6	80, 91 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80, 91 oct. Lgts prior req
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities" - name changed.			
(A) Turner (Albany, Ga) (A)	4 ENE;riv N.	215	76h	TMP INACT. NO FACS.
Vada (Ga)	1.5 WNW;hwy E	140	40h	CLOSED.
Valdosta (Ga)	3.7 S;RR W	226	56h L5 S1	80 oct. Lgts prior req.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
➙ Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	18 S6	80 oct. No sto, P-line E.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

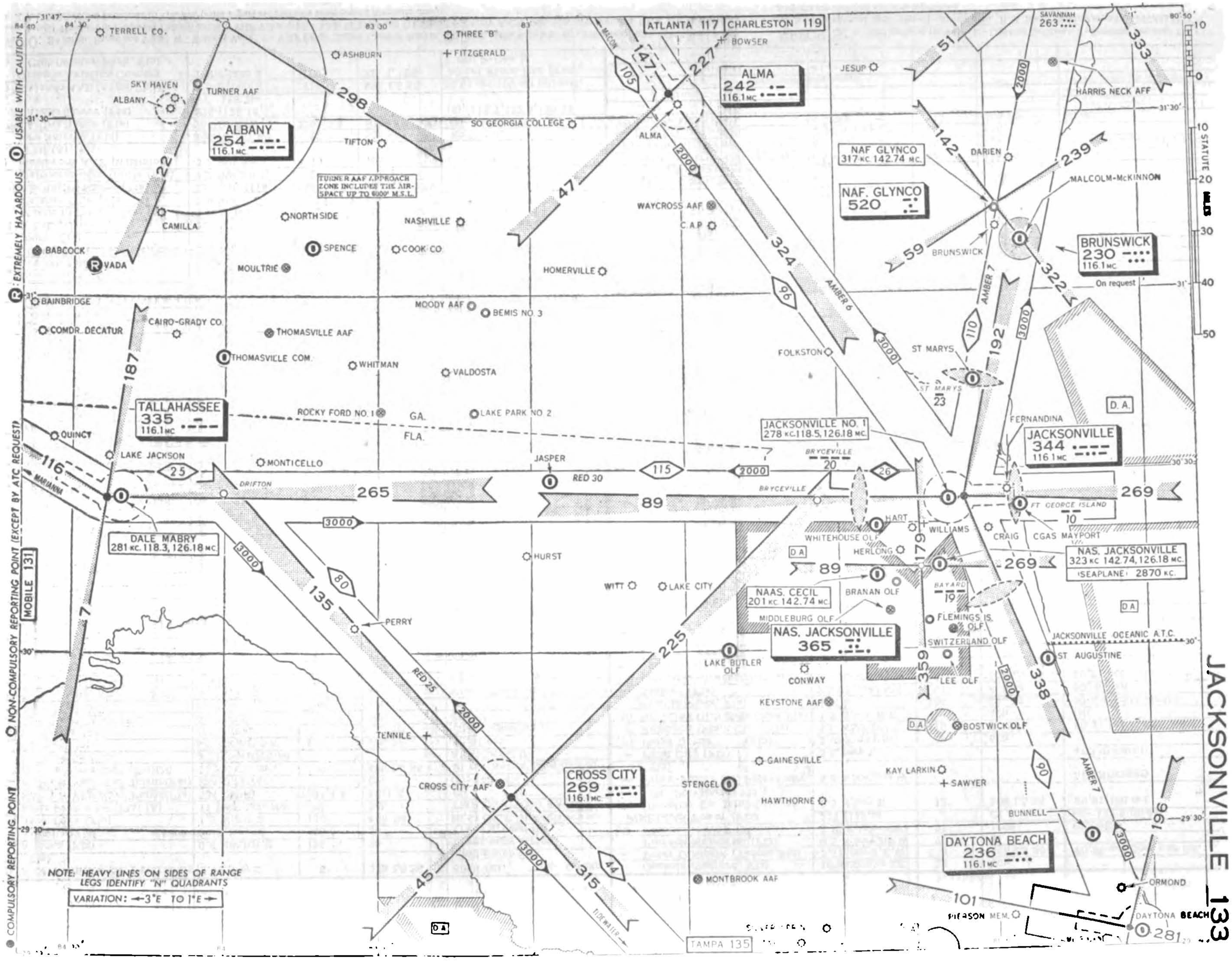
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44°	IM-	MM- ·—·— (0.66)	OM- — — (4.60)
					MMK-209 —·—·	OMK-251 —·—·
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW, W. Rough
Camilla (Ga)	1.4 NW;hwy S	180	21 S1	80 oct. P-line SW, trees NE.
Whitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	19 S1	80 oct.
➙ [Gainesville Mun] (Fla)	4.5 NE;RR W	155	50h L5 S4	80, 91 oct. Lgts prior req.
Silver Spgs Aero Lodge (Fla)	0.3 W;RR 1 WSW	75	26 S1	80 oct P-lines SE, S Lgt planes
Hurst (Live Oak, Fla)	2.5 SW;rd NW	105	26 S6	80 oct P-line N, NW only.
➙ Malcolm-McKinnon (Brunswick Ga)	6 E	19	41h L5 S6	80, 91 oct. Lgts on req.
➙ Ormond (Fla.)	3.5 WNW;RR N	29	40h S4	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
➙ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


JACKSONVILLE 133
ATLANTA 117
CHARLESTON 119
ALBANY 254 116.1 MC
ALMA 242 116.1 MC
BRUNSWICK 230 116.1 MC
On request
TALLAHASSEE 335 116.1 MC
JACKSONVILLE 344 116.1 MC
CROSS CITY 269 116.1 MC
DAYTONA BEACH 236 116.1 MC
NAF GLYNCO 317 KC. 142.74 MC.
NAF. GLYNCO 520
NAS. JACKSONVILLE 365
NAAS. CECIL 201 KC. 142.74 MC
JACKSONVILLE NO. 1 278 KC. 118.5, 126.18 MC.
DALE MABRY 281 KC. 118.3, 126.18 MC.
NAS. JACKSONVILLE 323 KC 142.74, 126.18 MC. (SEAPLANE) 2870 KC.
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 6000' M.S.L.
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←3°E TO 1°E→
TERRELL CO.
THREE "B"
ASHBURN
FITZGERALD
SKY HAVEN
ALBANY
TURNER AAF
SO GEORGIA COLLEGE
TIFTON
ALMA
BOWSER
JESUP
SAVANNAH 263
HARRIS NECK AFF
DARIEN
MALCOLM-McKINNON
BRUNSWICK
CAMILLA
NORTHSIDE
NASHVILLE
WAYCROSS AAF
C.A.P.
BABCOCK
VADA
SPENCE
COOK CO.
MOULTRIE
HOMERVILLE
BAINBRIDGE
COMDR. DECATUR
CAIRO-GRADY CO.
THOMASVILLE AAF
MOODY AAF
BEMIS NO. 3
THOMASVILLE COM.
WHITMAN
VALDOSTA
FOLKSTON
ST MARYS
ROCKY FORD NO. 1
GA.
FLA.
LAKE PARK NO. 2
QUINCY
LAKE JACKSON
MONTICELLO
JASPER
RED 30
BRYCEVILLE
FERNANDINA
DRIFTON
MARIANNA
HURST
WITT
LAKE CITY
PERRY
TENNILE
CROSS CITY AAF
HART
WHITEHOUSE OLF
HERLONG
WILLIAMS
CRAIG
CGAS MAYPORT
FT GEORGE ISLAND
BRANAN OLF
MIDDLEBURG OLF
BAYARD
FLEMINGS IS. OLF
SWITZERLAND OLF
JACKSONVILLE OCEANIC A.T.C.
ST AUGUSTINE
LAKE BUTLER OLF
CONWAY
KEYSTONE AAF
LEE OLF
BOSTWICK OLF
GAINESVILLE
KAY LARKIN
SAWYER
STENGEL
HAWTHORNE
BUNNELL
MONTBROOK AAF
ORMOND
PIERSON MEM.
DAYTONA BEACH
TAMPA 135
D.A.
TIDEWATER
AMBER 6
AMBER 7
RED 25
10 STATUTE
10 NAUTICAL

TAMPA

FACILITY	FREQ. IDENT ARPT LOCATION	BEAR & DIST ELEV	CLASS	REMARKS, FREQS GUARDED, HRS OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E;bay E	6	33h L3 S6	80,91 oct. Coast Gd.Stn adj Poles SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE,hwy W	60	30	Trees around fld
Avon Park (Fla)	1.5 W;RR E	156	40h S4	80,91 oct. P-line S;trees sur fld.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range(Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower(Fla)	224 (142.74)		CN	(3); 142 74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct No bcn Lgts on req
Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
Bartow (Fla)	5.5 NE,RR NW	124	50h S4	80,91 oct
Bradenton (Fla)	0.5 S;RR E	20	24 S6	80 oct Obst sur fld.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.5 E;lk SW	34	50h	
Cannon Mills (Orlando,Fla)	3.8 E,arpt W	105	41 L S6	80 oct. Flood,obst lgts on req.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N			ABANDONED Obst sur fld.
Cedar Keys (Fla)	1 W;bay S	6	25h	
Clearwater (Fla)	2.5 NE,hwy S	73	30 S6	80,91 oct. Trees W,NE,SW, NW
Cocoa (Fla)	1 N;RR E	20	26 L1 S1	80 oct.P-line E.
Conners (Okeechobee,Fla)	2.5 NW;RR S	34	50h S1	80 oct.
DAYTONA BEACH Range (Fla)	236(DB)(116 1)	101°,2 1	BMLZ-DTV	(4); 116 1, 122 1
(P) Daytona Beach (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct
Deland (Fla)	2.5 NNE,hwy S	80	60h L5 S1	80,91 oct.Trees NE.
Dorr (Arcadia, Fla)	11.5 E;hwy N			ABANDONED
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126 18,118 5,122 5 No bndry lgts.
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91,100 oct Rdo rec rqrd
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	24 S6	80,91 oct.P-line NE
(*) Fette Aircraft Service (Fla)	See Venice Mun (Fla.) under "New Facilities"-name changed.			
Fort Pierce, com. (Fla)	3 3 SSE,RR E	19	25 L3 S6	80 oct P-line W N,W,NW blkd.
(P) Fort Pierce, mun (Fla)	3.5 NW;hwy E	24	50h	
Frank D Waterman (Eustis, Fla)	0.9 SSW;lake NW	81	23 S2	80 oct Obst sur fld.
Gilbert (Winter Haven, Fla)	3.5 NNW;RR N	135	40h S6	80, 91 oct
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct Orange groves W
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	See Sebring Air Terminal under "New Facilities"- name changed.			
Hidden Acres (Clarcona,Fla)	1.5 WNW;lake W	93	27 S5	80 oct E blkd.
(A) Hillsborough AAF (Tampa,Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;hwy E	90	20 S4	80 oct
Honeymoon Island (Dunedin)	2.5 W		30	Data unver (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80,91 oct.No bndry,flood.
Lakeland AAF (Fla)	See Drane under "New Facilities"- name changed.			
[Lakeland Mun #1] (Fla)	2.8 N;lake E	159	35h L5 S6	80,91 oct Ctc lgts on prior req till 2400
Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed			
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126 18. ◆00,20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct JP-1 No sto
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116 1, 122 1
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct. Lgts on req.
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
ORLANDO Range (Fla)	206(OR)(vhf)	220°,3.4	BMRLZ-DTV	(3); 116 1, 122 1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118 7,122 5,126 18
(A) Orlando AAB (Arpt)(Fla)	2.5 E;lake S	115	55h L5 S6	80,91 oct;100 oct mil acft.
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa,Fla)	3.7 S;bay S,E,W	8	40h L5 S6	80,91 oct.Obst sur fld.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Penellas Co. International] (St. Ptersburg, Fla.)	9.5 N;bay E	12	50h L5 S6	80,91,100 oct
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;bay W			ABANDONED
Plant City (Fla)	3 E;hwy N			ABANDONED
(P) Punta Gorda (Fla)	5 ESE;hwy SW	25	50h	
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian,Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;hwy E	104	25 S4	80 oct. Obst sur fld.
Sanford (Fla)	2.5 SE;lake N,S	57	60h S6	80, 91 oct.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct Lgts on req.
Sarasota, com. (Fla)	2.5 E;RR N,E	25	35 S6	80 oct. Obst sur fld.
Sebring (Fla)	4 SW;lake NE	200	20 L S6	80,91 oct.Lgts prior req.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80,91 oct. P-line SW.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122 1
(P) [Taylor] (Ocala,Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa(Titusville)	6 S;RR E	35	50h L5 S6	80 oct. (Fla)
* Titusville Int,20,MM-AG(Fla)	1.3 NW;RR E	28	26 L3	
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities"- name changed.			
(N) Valkaria OLF (Melbourne,Fla) (N)	8 SSE;RR E	26	40h	
Venice Aux (Fla.)	0.5 SE;hwy W	20	36 S4	80 oct Trees ENE,SE.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4);116.1,122.1
[Vero Beach] (Fla)	1 NW;RR E	24	75h L1 S1	91 oct,Airlines only exc in emerg
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW			ABANDONED
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h L5 S6	80 oct.No bndry lgts.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

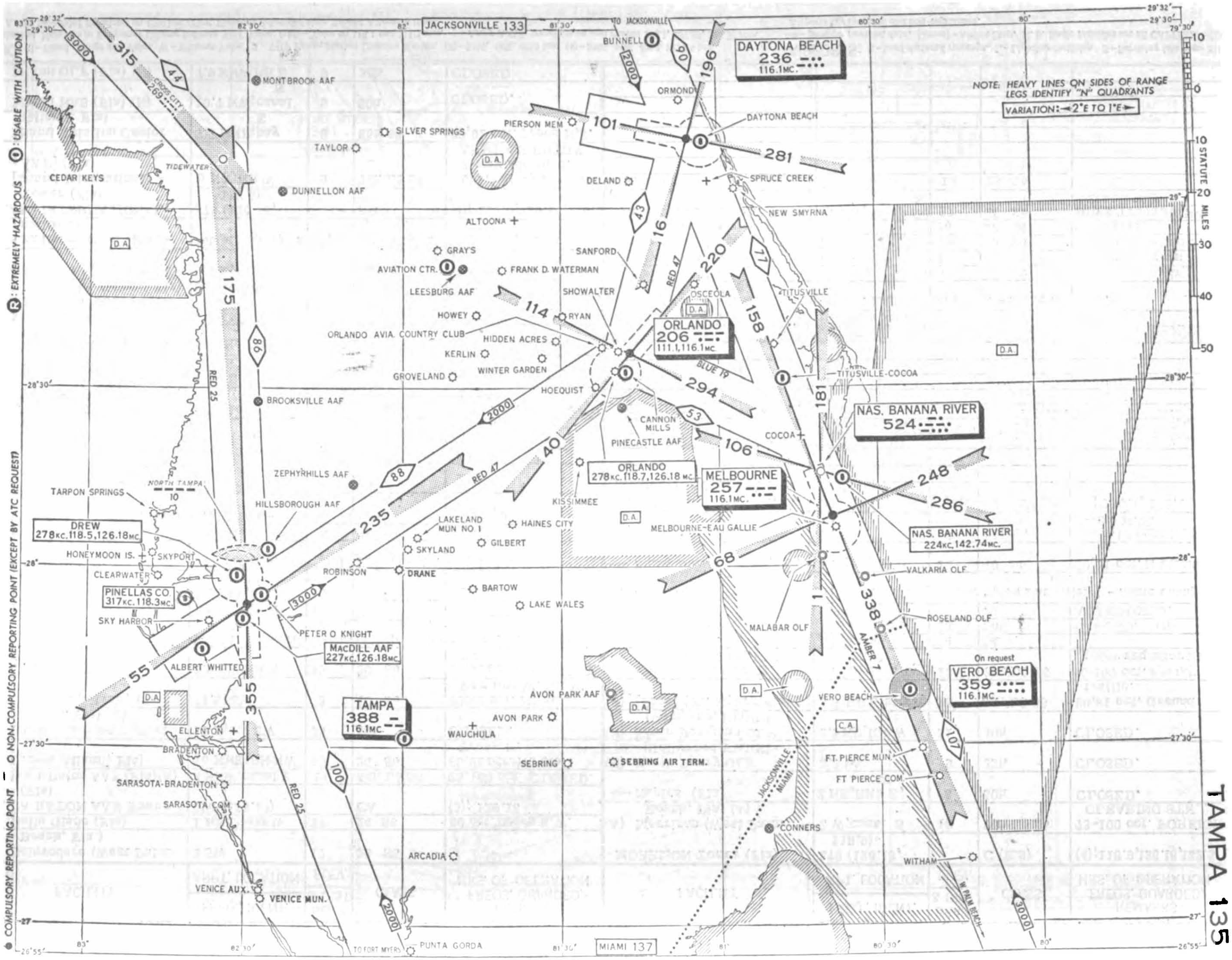
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- ·····(1.09)	OM- – –(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK	OMK-

NEW FACILITIES

Ormond (Fla)	3.5 WNW;RR N	29	40h S4	80 oct.
Sky Harbor (St.Petersburg,Fla)	6 NE;bay E	8	28 S6	80 oct
Groveland(Fla)	1.8 SSE;lk NE	100	20 S3	80 oct
Winter Garden(Fla)	1.5 NW;lk NW	75	25 S2	80 oct
Tarpon Springs (Fla)	2 W;Gulf of Mex W	12	19 S1	80 oct Trees N,E,S
Spruce Creek(Samsula,Fla)	3.5 N	24	40h	
Howey(Howey in the Hills,Fla)	0.5 S	75	20	
Aviation Ctr(Leesburg,Fla)	1.5 N;lk E	80	15h S6	80 oct
(P)Sebring Air Terminal (Fla)	6.5 ESE,RR 2 SW	62	52h L5 S6	80,91 oct.Lgts prior req.
Drane (Lakeland,Fla)	5.5 SW;hwy 3 N	135	50h	
(P)Venice Mun (Fla.)	1.9 SSE	19	50h S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 133
MIAMI 137
TO JACKSONVILLE
TO FORT MYERS
DAYTONA BEACH 236 116.1MC.
ORLANDO 206 111.1,116.1MC.
TAMPA 388 116.1MC.
MELBOURNE 257 116.1MC.
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC,142.74MC.
ORLANDO 278KC,118.7,126.18MC.
DREW 278KC,118.5,126.18MC.
PINELLAS CO. 317KC,118.3MC.
MacDILL AAF 227KC,126.18MC.
On request
VERO BEACH 359 116.1MC.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
10 STATUTE MILES 0 10 20 30 40 50
O: USABLE WITH CAUTION
R: EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
BUNNELL
ORMOND
DAYTONA BEACH
PIERSON MEM
SILVER SPRINGS
TAYLOR
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
MONTBROOK AAF
DELAND
SPRUCE CREEK
NEW SMYRNA
ALTOONA
GRAY'S
AVIATION CTR.
LEESBURG AAF
FRANK D. WATERMAN
SANFORD
SHOWALTER
OSCEOLA
TITUSVILLE
HOWEY
RYAN
ORLANDO AVIA. COUNTRY CLUB
HIDDEN ACRES
KERLIN
WINTER GARDEN
GROVELAND
HOEQUIST
TITUSVILLE-COCOA
BROOKSVILLE AAF
CANNON MILLS
PINECASTLE AAF
COCOA
ZEPHYRHILLS AAF
NORTH TAMPA
TARPON SPRINGS
HILLSBOROUGH AAF
KISSIMMEE
LAKELAND MUN NO 1
HAINES CITY
MELBOURNE-EAU GALLIE
SKYLAND
GILBERT
HONEYMOON IS.
SKYPORT
CLEARWATER
ROBINSON
DRANE
BARTOW
LAKE WALES
SKY HARBOR
PETER O KNIGHT
ALBERT WHITTED
MALABAR OLF
VALKARIA OLF
ROSELAND OLF
AVON PARK AAF
AVON PARK
WAUCHULA
VERO BEACH
ELLENTON
BRADENTON
SEBRING
SEBRING AIR TERM.
FT. PIERCE MUN.
FT PIERCE COM.
SARASOTA-BRADENTON
SARASOTA COM.
CONNERS
ARCADIA
WITHAM
VENICE AUX.
VENICE MUN.
PUNTA GORDA
JACKSONVILLE MIAMI
W PALM BEACH
AMBER 7
RED 47
RED 25
D.A
C.A
3000
2000
315
269
175
196
90
101
281
16
43
220
17
158
114
294
181
53
106
40
88
235
248
286
68
338
55
355
100
107

TAMPA 135

MIAMI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belevedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
→ Belle Glade (Fla)	1 NNE;lake W	17	24 S6	80 oct. Trees S,W.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	14	64h L5 S6	73,100 oct. CLOSED.
→ Brown (Miami, Fla)	10 NNE;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
→ Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct. P-line N,NE, SW.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
→ Ft. Lauderdale (Fla)	6 NNW;RR SE	14	40h	
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4); 116.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct. No sto.
→ Lake Worth (Fla)	2 W;RR E	12	26 S6	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities" - name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	CLOSED.
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami, Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West, Fla)	2.3 E;ocean S	4	41h L5 S1	80,91 oct. ARPT ENTRY Lgts prior req. No bcn
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5 NW;RR W	9	74h L5 S6	80,91,100 oct. JP-1FEE 2-way rdo rqrd. ARPT OF ENTRY.
→ Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. Trees N,S.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) Morrison (West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
→ Naples (Fla)	2 NE;RRs E, W	8	50h	CLOSED.
(N) North Perry OLF (Hollywood, Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers, Fla)	4 S;RR E,hwy W	18	50h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req. after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	CLOSED. (N)
→ Riddle (Clewiston, Fla)	7.6 W;hwy N			ABANDONED.
(P) South Dade County (Homestead, Fla)	See Homestead Arpt under "New Facilities" - name changed.			
→ Sunny South (Miami, Fla)	6 N;hwy E	12	40 S6	80,91 oct. E blocked.
Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct. No sto. P-line N,W.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

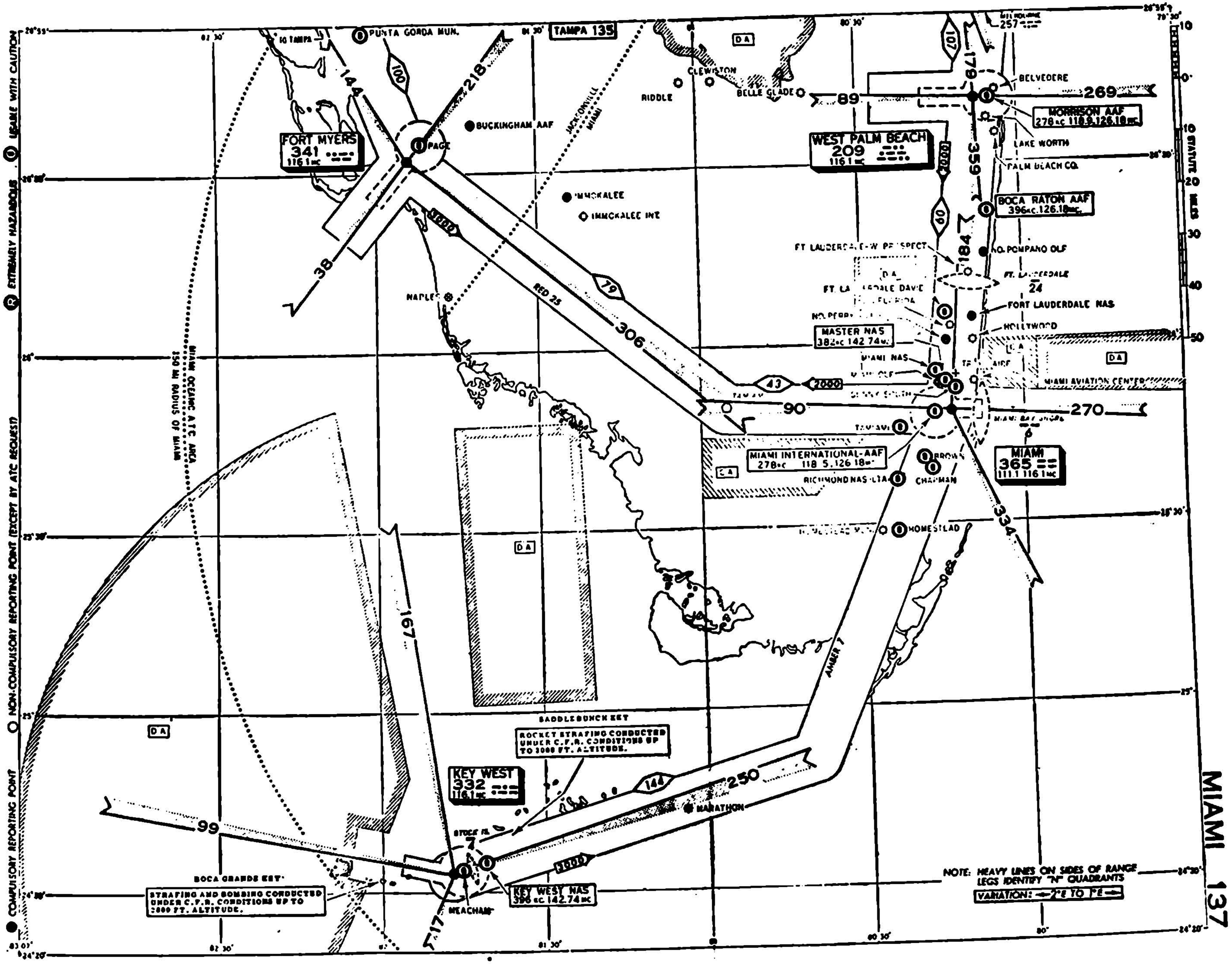
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM-	MM- ·····(0.61)	OM- --(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ft. Lauderdale-Davie (Fla.)	6.5 WSW;hwy N	7	30h S4	80,91 oct.
West Prospect (Ft. Lauderdale, Fla.) →	See Ft. Lauderdale above - name changed.			
Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc. (Fla.)	1 SW;RR W	12	28 S6	80,91 oct. Trees SE,NW.
South Fla. (Ft. Lauderdale)	7.5 SW;hwy E	10	45 S6	80,91 oct. P-line E. (Fla)
Tropicaire (Miami, Fla)	9 N	10	22 S4	80,91 oct.
Belvedere Co. Club (W. Palm Beach, Fla)	2 WSW;Army fld S	17	25 S6	80 oct. Trees SE,NW. Lgt acft only
(P) Riddle Fld (Fla.)	7.6 W;hwy N	19	25 S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
PUNTA GORDA MUN.
TAMPA 135
FORT MYERS 341 116.1
BUCKINGHAM AAF
PAGE
RIDDLE
CLEWISTON
BELLE GLADE
JACKSONVILLE MIAMI
IMMOKALEE
IMMOKALEE INT
NAPLES
RED 25
WEST PALM BEACH 209 116.1
BELVEDERE
MORRISON AAF
LAKE WORTH
PALM BEACH CO.
BOCA RATON AAF
NO. POMPANO OLF
FT. LAUDERDALE
FORT LAUDERDALE NAS
HOLLYWOOD
MASTER NAS
MIAMI NAS
MIAMI AVIATION CENTER
MIAMI INTERNATIONAL-AAF
RICHMOND NAS
CHAPMAN
MIAMI 365 111.1 116.1
HOMESTEAD
MIAMI OCEANIC ATC AREA
150 NM RADIUS OF MIAMI
DA
218
144
100
38
306
19
90
270
269
257
107
178
89
359
184
24
43
7000
6000
60
334
167
99
250
144
1600
17
AMBER 1
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
KEY WEST 332 116.1
STOCK IS.
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
MEACHAM
KEY WEST NAS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 3°E
10 STATUTE MILES
0
10
20
30
40
50
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- -,- -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°.7.3	(Cont.) Burbank
GRAND CENTRAL (Glendale)	201	CI	(4); 122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.8	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(vhf)	SBMRL-DTV;317°,0.1	(4);116.1 122.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req)
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142,74)	CN	(3); 142.74 (flying hours)
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530,except. Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

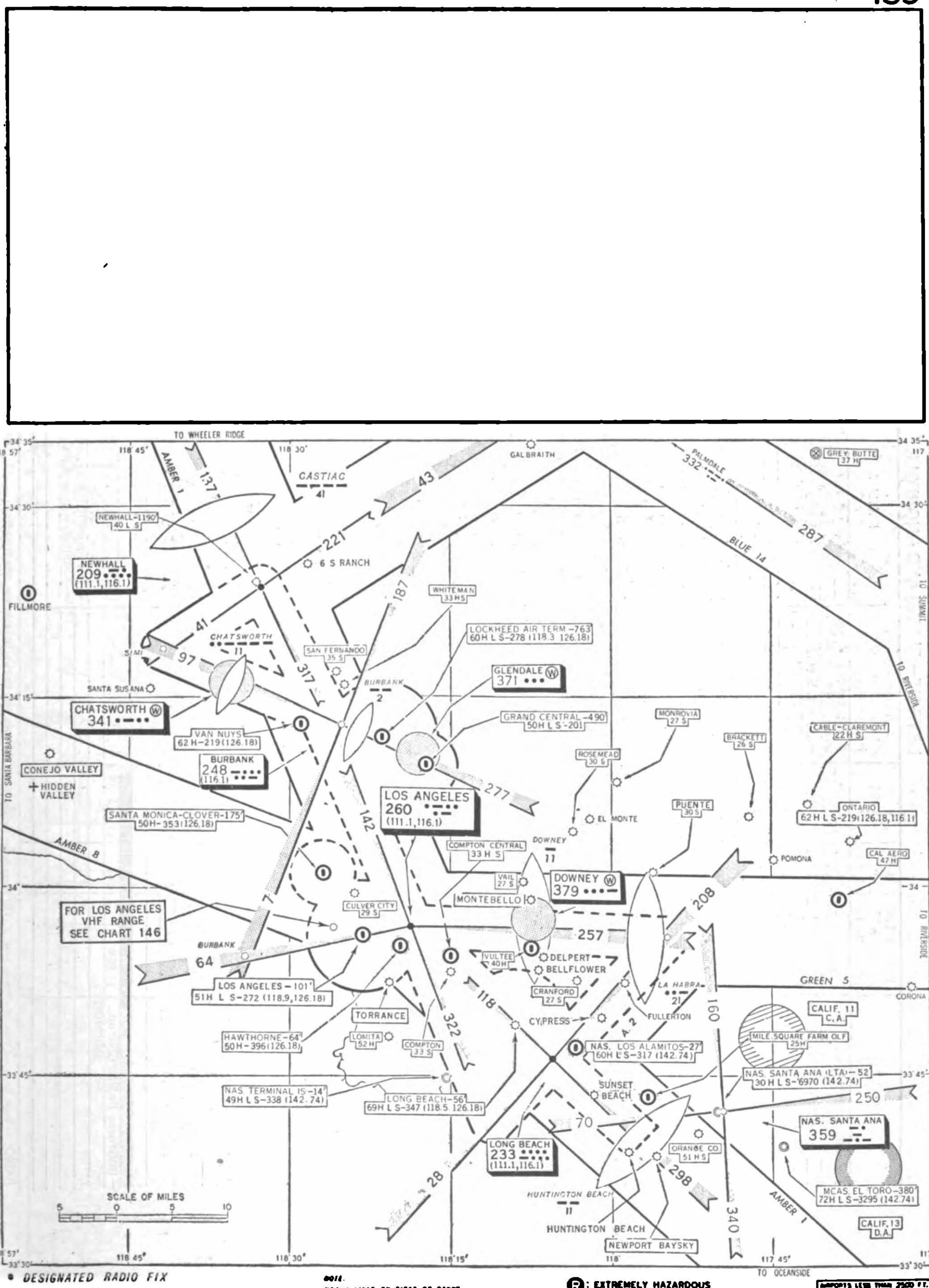
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOS ANGELES,	109.9	333.8	247°	IM-	MM- •—•— (0.64)	OM- —— (6,0)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys N,E	1010	25 S6	80 oct. Hill V
Cable-Claremont	1.8 ENE;RR E	1400	22h S6	80,91 oct. Brush NNE.
Cal Aero (Chino)	4.5 SE	625	47h L	Restricted to W.A.A. Bndry lgts prior req.
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data unver.
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct, P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	20 S6	73,80,91 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	1? S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank) (N)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct, NATS
(P) Los Angeles (N)	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct. Rdo rqrd.. Rnwy data unver.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	26 S6	80,91 oct. Tree N,S.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	48h L5 S6	80,91 oct. Fldlgts on req.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;rd W	775	20 S6	80 oct. Trees E, hill W.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. Poles NE, house SW.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No ben. Lgts prior req.
Santa Susana	0.5 S;RR N	955	18 S1	30 oct. Hills ENE, P-lines WSW.
Sky Ranch (Puente)	See Puente Sky Ranch under "New Airports" -name changed.			
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h	INACTIVE
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW, RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW, NE, SW.
NEW FACILITIES				
Sunset Beach (Calif)	2.6 E;ocean SW	25	19 S4	80 oct. Fence ENE.
6 S Ranch Arpk (Solemint, Calif)	1 WNW;hwy N	1350	26 S6	80,91 oct. P-line E,W.
Fillmore (Calif)	1 S;riv N	435	45	Tree W.
Cypress (Westminster, Calif)	1.3 ESE;RR SW	60	22 S1	80 oct. Pwr line NE.
Puente Sky Ranch (Calif)	1.3 E;RR S	402	30 S4	80 oct. Trees E, p-line W
Hidden Valley (Camarillo, Calif)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver.

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA.



● DESIGNATED RADIO FIX

O NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

DETROIT – CLEVELAND – NORFOLK

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ann Arbor (Mich)	4 S	835	32 L3 S6	80 oct. Lgts prior req.
Bedford (Ohio)	2 NE;hwy W	1060	17 S2	80 oct. P-line N,SE.
Berz (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver (Mich)	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
Brooklyn (Cleveland,Ohio)	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct.SW blkd.P-line N
Chagrin Falls (Ohio)	3 E;hwy SW	1220	23 S4	80 oct.P-line N.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW	620	22 S6	80 oct.P-line W.
Chardon (Ohio)	2.8 S	1230	22 S4	80 oct.P-lines sur fld.
→ CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV (4);116.1	Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278(126.18,118.3)		AC (ILS-W)	(4);118.3,126.18,122.5
(A) [Cleveland] (Ohio)	8.5 SW;riv W	789	60h L6 S6	73,80,91,100 oct.JP-1. FEE.ARPT OF ENTRY
Cumberland(Portsmouth)	8 S	15	28 S4	80 oct. (Va)
DETROIT H Fac. (Mich)	201 (D)	329°,2.2	MHW	(Cont.) Detroit
DETROIT CITY Tower [Detroit City] (Mich)	278 (118.5)		C	(4); 122.5
	5.5 NE;RR S	625	53h L4 S6	80,91 oct.Fee Rdo rec rqrd.ARPT OF ENTRY P-line N. Tank W
DETROIT NAS Tower(Mich)	269 (142.74)		CN	(3);142.74 (8-17)
→ (N) Detroit NAS (Mich)(N)	See Grosse Ile under "New Facilities" - name changed.			
ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	(Cont.) Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct.Poles SSE,S.
Euclid Ave.(Willoughby Ohio)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
(N) Fentress NAAS (Va)(N)	2.5 ESE;hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
(P) Franklin (Va)	3 NE;RR S	38	41h L5 S6	80,91 oct.Trees sur fld.
Garner's (Windsor,Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk,Va)	4.5 E;hwy W	18	24 S6	80,91 oct.Trees SW.
Gridley (Ypsilanti,Mich)	4.4 WSW;hwy E	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte,Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct.P-line E;trees ENE,W,WSW,WNW.
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld.
LANGLEY Army Range (Va)	221(DLY)(116.1)	102°,3.8	SBMRAPZ-DTV	(3); 116.1
LANGLEY Tower (Va)	278 (126.18, 116.1)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
Lorain City (Lorain,Ohio)	2.8 W;RR N	610	31 S4	80 oct.P-line NE,SE.
Lorain Skyport (Lorain, Ohio)	2.5 W;lk N	610	29 S4	80,91 oct.P-line S,SE. SW corner unusable.
Lost Nation (Willoughby, Ohio)	3 N;lk NW	626	40 S6	80,91 oct. Rnwy data unv. Obsts sur fld. Rnwy data unver.
NEW FACILITIES				
→ (N) Grosse Ile NAS (Detroit, Mich) (N)	17 SSW	594	47h L5 S6	91,100 oct.P-line E.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED HRS. OF OPERATION
McEnnan (Ypsilanti,Mich)	2.7 SSW;riv NE	738	23 S4	80 oct. P-line E,Trees NW.
McKinley (Fraser,Mich)	1.3 NW;RR E	620	27	P-line E, NE.
→ Mettetal (Plymouth,Mich)	1.5 SSE;RR E	700	25 S6	73,80 oct. P-line N,NE,SW,W
Mid City (Hudson,Ohio)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW
Milan (Mich)	3.8 SW;RR SE	705	23 S2	80 oct. P-line N.
Monogram	2.8 W;riv W	21	45	CLOSED(Drivers,Va)
Nan-Bar (Flat Rock,Mich)	0.7 ENE;RR N	590	28 S6	80 oct.Smudge pots prior req.Data unver.
Nat'l Fly Svc.(Detroit,Mich)	11.5 WSW;RR N	635	29 S4	80 oct.Poles NE,NW.
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5,126.18, 118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N;rd N	13	26h	CLSD.Use E.Fld.(N)
NORFOLK NAS Tower (East)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105,4495;142.74 (745-1830)
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct.No bcn.
Ortner (Wakeman,Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver.
Peninsula (Hampton,Va)	2 WSW;RR N	12	26 S4	80 oct.
Pungo (Va)	0.8 NE	15	25h	
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct.SE,SW blkd.
Sky Haven (Northfld,Ohio)	2.5 SSE;RR NE	1040	25 S4	73,80 oct.Pwr line W,S
Solon (Ohio)	1.1 SSE;RR NE	1034	24 S6	73,80 oct.P-line W,SE
→ South Norfolk (Norfolk,Va)	3.7 S;hwy NW	20	25 S2	80 oct.P-line W.
Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct.P-lines S.W blkd
Triangle (Plymouth,Mich)	1.5 ESE lk N	700	26 S4	80 oct. P-line N,E,S. W blkd.
* Vermilion Int,28,CG-LG	3.7 SW,RR N,S	610	24 L3	N,SE,S,NW blkd. (Ohio)
Virginia Beach (Va)	6 W;RR N	15	43 S2	80,91 oct.P-line N. Hwy N
Ward (Bedford, Ohio)	1.5 S;RR E	980	20 S6	80 oct.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush
Warren (Mich)	1.6 WNW;RR E	625	23 S6	73,80 oct. sur fld
Washtenaw (Dexter, Mich)	3 SSE;hwy S	867	26 S4	80 oct. P-lines,trees all approaches.
(NG) Wayne Co(Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech.maint. NG.ARPT OF ENTRY
Willoughby (Ohio)	1.2 E;RR NW	700	25 S6	80,91 oct. P-line W,S
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P) [Willow Run] (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N.(Mich) FEE
WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM–	OM– ▬▬ (4.75)
				MMK–	OMK–
WILLOW RUN			50°	MM–	OM–
				MMK– 341 ▬ (0,65)	OMK– 359 •▬▬ (5,80)

NEW FACILITIES				
(P) Suffolk(Va.)	3.8 SSW;RR E	66	50h	
→ Richmond (Gregory, Mich)	1.7 SE; lk E	920	23 S2	80 oct. Trees N,ESE.
→ Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct.N blkd.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHART 141

DETROIT AREA

(SEE CHART 331)

CLEVELAND AREA

(SEE CHART 491)

NORFOLK AREA

(SEE CHART 971)

SCALE OF MILES 5 0 5 10

RICHMOND · WASHTENAW · ANN ARBOR · SALINE · GRIDLEY · McENNAN · METTETAL · ROMULUS 230 116.1 MC. · HIGHLAND · GREEN 2 · WIXOM 20 · KRIST-PORT · HARTSELL · TRIANGLE · NATIONAL FLY. SVC. · BURNS · STINSON · WAYNE CO. · FORD · SELFRIDGE AAF · ECORSE · HANCE · FLAT ROCK · NAN-BAR · WILLOW RUN 332 KC. 118.7 MC. · TOLEDO 239 · DUNDEE · MILAN · TECUMSEH · CA · TO BURR OAK · LANSING 206 · RED 21 · RED 12 · TO OXFORD · BERZ · BIG BEAVER · WARREN · McKINLEY · JOY · ROSEVILLE · DETROIT CITY 278KC 118.5MC · DETROIT (W) 338 · TO MITCHELL BAY · RED 1 · RED 20 · TO CLEVELAND · WINDSOR 353 · GROSSE ILE NAS 269 KC. 142.74 MC. · NEWPORT OLF · TO SANDUSKY

TO WINDSOR · CLEVELAND VHF RANGE · LOST NATION 40 S · CHAGRIN HARBOR · EUCLID AVE. 26 S · WILLOUGHBY · CHARDON · TO PERRY · TO KINGSVILLE · TO ERIE · TO YOUNGSTOWN · LORAIN 31 S · LORAIN SKYPORT · AVON LAKE 8 · GREEN 3 · VERMILION 26 · ELYRIA 11 · CLEVELAND 344 116.11 · BROOKLYN 26 S · BRECKSVILLE · BEDFORD · CHAGRIN FALLS · ELYRIA (W) 219 · VERMILION 24 L · ORTNER · ELYRIA 27 S · CLEVELAND-785' 60H L S-278 (118.3, 126.18) 278 KC LOW POWERED RANGE ON REQUEST · NORTH ROYALTON 11 · WARD · MID CITY 31 S · SKY HAVEN 25 S · PARKMAN · SOLON · ARKON 362 · WELLINGTON · TO COLUMBUS · TO AKRON · TO SANDUSKY · RED 20 · RED 21 · GREEN 6 · LANGLEY AAF 221 (116.1) · LANGLEY AAF-10 70H L S-278 (126.18+) · BACONS CASTLE · PENINSULA 26 S · NAS. NORFOLK 26 H · HAMPTON ROADS · BUCKROE BEACH · CAPE CHARLES · NAS. NORFOLK 356 · WHITEHURST · NORFOLK 239 (116.1) · NORFOLK-22' 50HLS 269(118.3, 126.18) · NORVIEW · THALIA · VIRGINIA BEACH · NAAS. OCEANA-20' 60H L S-3295 (142.74) · SO. NORFOLK · PUNGO 25H · NAAS. FENTRESS-16' 25H · WAVERLY · GARNER 25 S · ECLIPSE 16 · MONOGRAM · ROOSEVELT · PORTSMOUTH · PEANUT CITY · FRANKLIN 30H · SUFFOLK 50H · NAS. NORFOLK (EAST)-15' 43H L S-323 (142.74) (SEAPLANE)-2870 · DEEP CREEK 10 · CUMBERLAND · D.A.

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE "B" BOUNDARYS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

SEATTLE – PORTLAND – INDIANAPOLIS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct.Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct.Trees N.P-line E,W
→ Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S6	80 oct.P-line E (Wash)
Beck (Jolietville,Ind)	2.2 SSE;hwy2W	830	18 S3	80 oct P-line WNW
Boeing-Renton (Renton,Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4); 118.3, 126.18, 140.1, 122.5
(P) [Boeing](Seattle, Wash)	6 S;riv SW	15	75h L5 S6	80-100 oct.No sto.ARPT OF ENTRY.
Brightwood (Indianapolis,Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
City View Arpk (Tacoma,Wash)	4.5 NE	380	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
→ Delaware (Yorktown,Ind)	1 NE;RR S	950	27 S4	80 oct.P-line N,W.Use strips.
Dwyer Landing Fld.(Portland, Ore)	7 SE;RR NW	200	16	Poles SW.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
→ Forrest Grove (Spanaway,Wash)	1.8 E;RR E	340	28 S6	80 oct.P-line S.Ctn.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18	SE blkd.
Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct.P-line SE,S.Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Himes (Whitesville,Ind)	0.8 E;RR SW	870	17 S1	80 oct.P-line NNE,NW
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE.
Howell Brothers (Rushville,Ind)	2 SE;hwy SW	985	13 S4	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
→ INDIANAPOLIS Range (Ind)	266(ID)(116.1)	75°,3.2	SBRAZ-DTV	(3); 116.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton,Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct.Lgts on req.No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct.Trees ENE,WSW.
Lapel (Ind)	1 NE	865	26 S4	80 oct.Obst sur fld.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E,SE blkd.
Martinsville (Ind)	2 W		10	Data unver.
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ◆ :45.05	(3); 116.1, 126.18
(A) McChord (Tacoma,Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct.JP-1.FOREIGN CLEARING STN.
Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct. P-line E,SSE,NNW
Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" - name changed			
Milroy Int,5,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,S	20	19 L S6	(Wash) Lgts prior req.
Owen Pathfinder(Camby,Ind)	2.3 S	792	32 S1	80 oct.P-line SSE,SW.Use strips
PORTLAND Range (Ore)	332(PD)(vhf)	171°,3.1	SBRAZ-DTV	(3); 116.1, 122.1
PORTLAND Tower (Ore)	278(126.18,118.3)+		AC (ILS)	(4);142.74,122.5,118.3,126.18
(NG) [Portland] (Ore)	5 NNE;riv N	19	55h L5 S2	91,100 oct.Lgts prior req.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
→ Puyallup (Wash)	6 S;hwy W	520	42 S6	80,91 oct.
R.C. Sugg (Orchards, Wash)	See Evergreen Fld (Orchards) under "New Facilities" - name changed.			
Reese Fly. Serv. (Selma,Ind.)	3.5 SW;riv W	975	20 S2	80 oct. P-line E,NE.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	req.No flood,no bcn.
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1 Lgts prior
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 L5 S6	80,91 oct.Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle,Wash)	10.5 S; RR E	405	61h	Trees and hills sur fld.
Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct.P-line W.Data un-
(P) Sky Harbor (Indianapolis,Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct.P-line E,S,SE. ver.
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co.(Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct.P-line S.(Wash)
Sportsman Arpk (Newberg,Ore)	1 E;riv SW;hwy W	173	23 S4	80 oct.Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis,Ind)(A)	5.5 WSW	714	45h L5 S4	100 oct,2nd ech maint only
Suco Arpk (Shelbyville,Ind)	0.7 SE;RR NE	800	23 S2	80 oct.P-line E.Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma,Wash)	2.9 WSW;RR E	250	20 S4	80 oct.Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. /Use strips only
White Cloud (Greenwood,Ind)	1.8 SW;hwy E	800	24 S6	80 oct.P-line N,NE,E,SE,NW
Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct.P-line N,E,W.

INSTRUMENT LANDING SYSTEMS

(Localiser, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9	333.8	44°	IM-	MM- •–•–• (0.89)	OM- ––– (4.3)
					MMK- 201 –••	OMK-219 ••
McCHORD (A)	109.9	333.8	337°	IM- (0.24)	MM- •••••• (0.85)	OM- ––– (4.44)
					MMK-	OMK
PORTLAND	109.9	333.8	113°	IM-	MM- •–•–• (0.52)	OM- ––– (4.81)
					MMK-	OMK-219 ••••
SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- •–•–• (0.65)	OM- ––– (4.6)
					MMK-371 •––••	OMK-359 •••

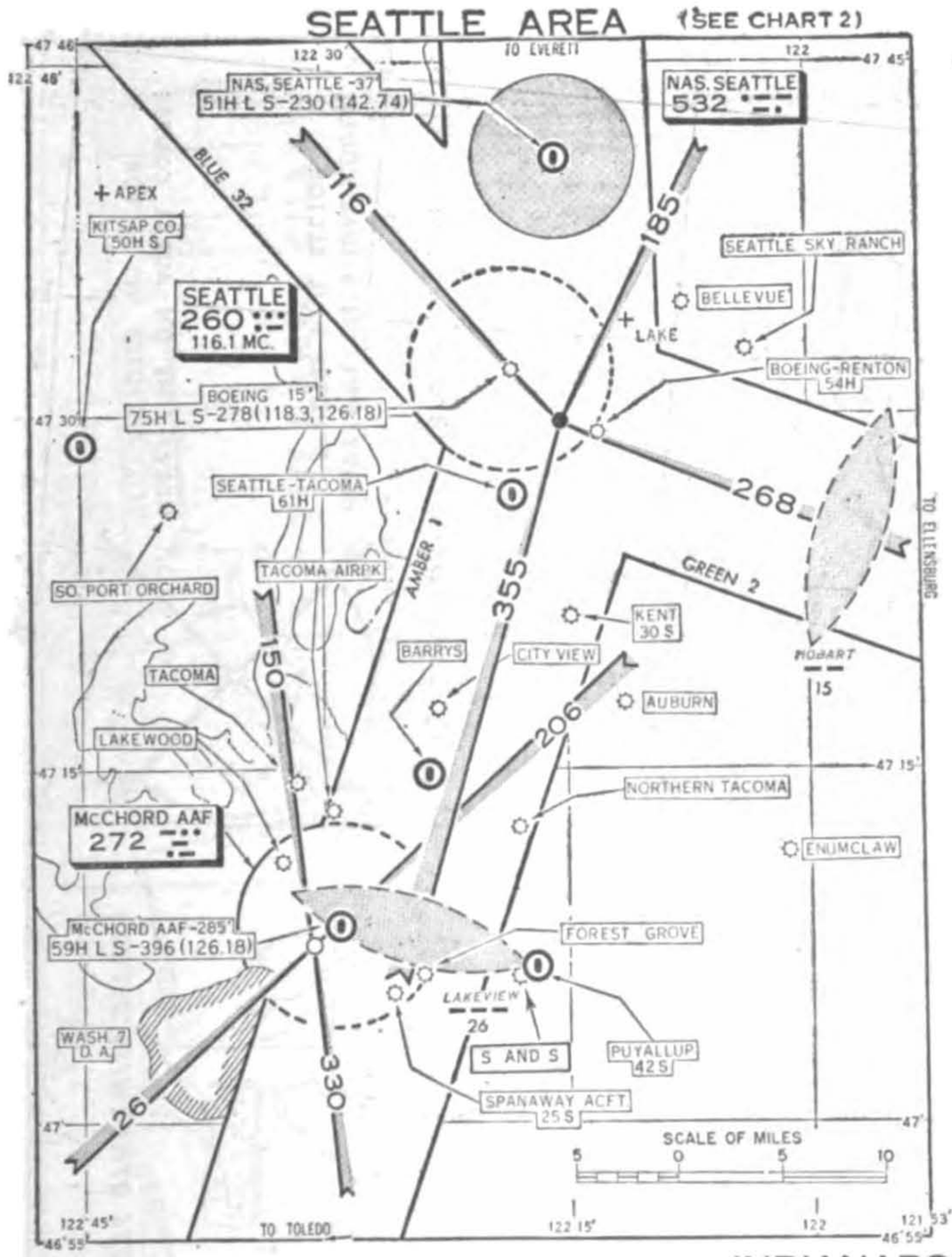
NEW FACILITIES

Bernard (Beaverton,Ore)	1.4 NNW;RR S	208	19 S6	80, 91 oct.
Columbia Co.(Scappoose,Ore)	1.2 NE;RR W	55	40h L S6	80,91 oct.Port rnwy lgts,P.
Hillsboro (Ore)	2.4 ENE;RR E	200	41h L5 S6	80,91 oct. line NNW.
Bellevue (Seattle,Wash)	9.5 E	345	22h S6	80,91 oct Rdo prprs. Rnwy data unver.
Stewart (Danville,Ind.)	2 E;hwy N	750	25 S2	80 oct.Wires N,S.Use strips.
Skylife (Fairview,Ore.)	4 W;RR N	243	28 S1	80 oct.Pwrline ESE.
Division Street (Ore.)	2.4 WNW;RR E	250	28 S6	80,91 oct,S bldk,Trees N.
Auburn (Wash.)	1.8 ESE;lk NE	276	24 S6	80,91 oct,
Evergreen Fld (Orchards, (Wash.)	3.6 SSE;hwy S	510	24 L S6	80 oct.Port lgts prior req.

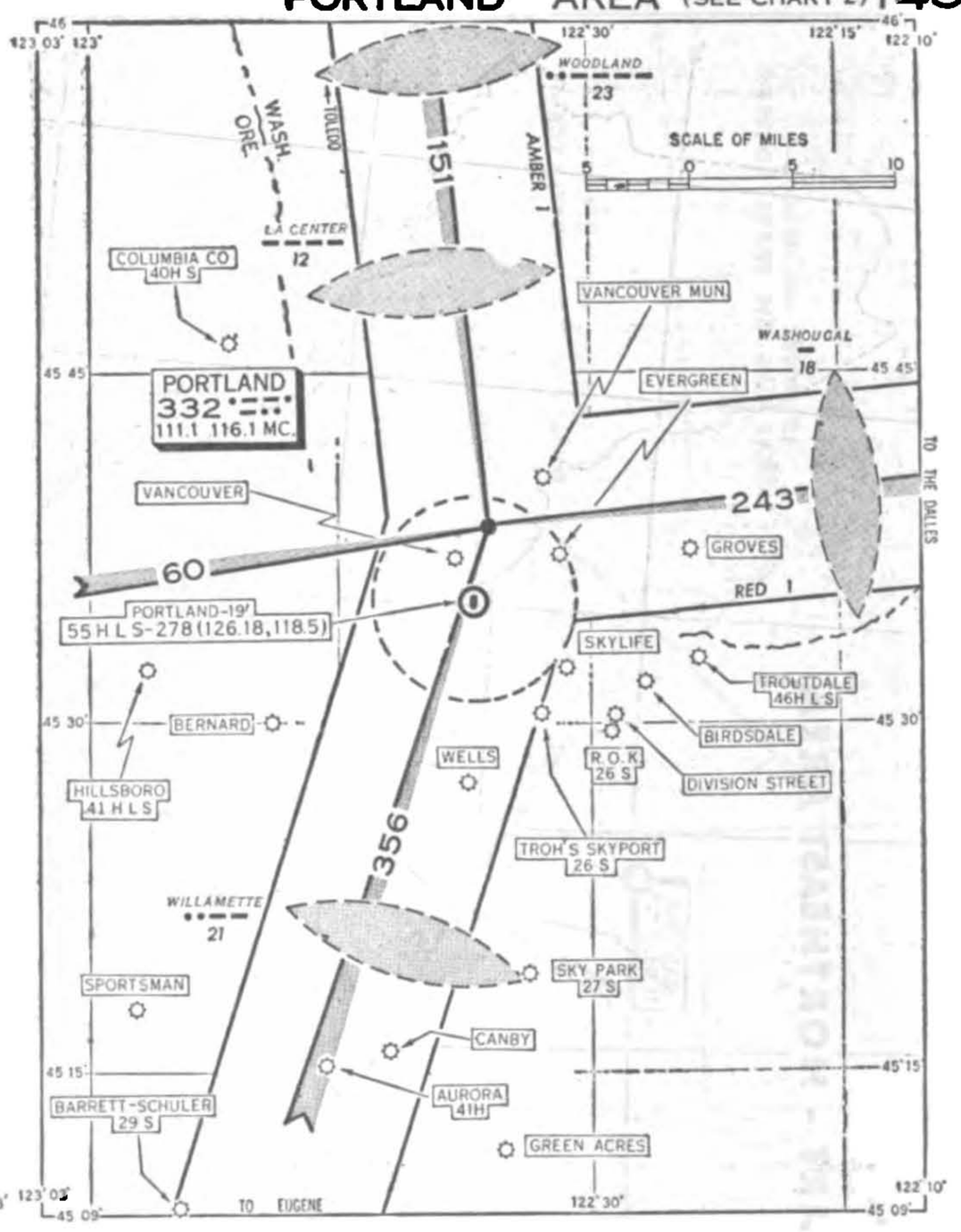
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

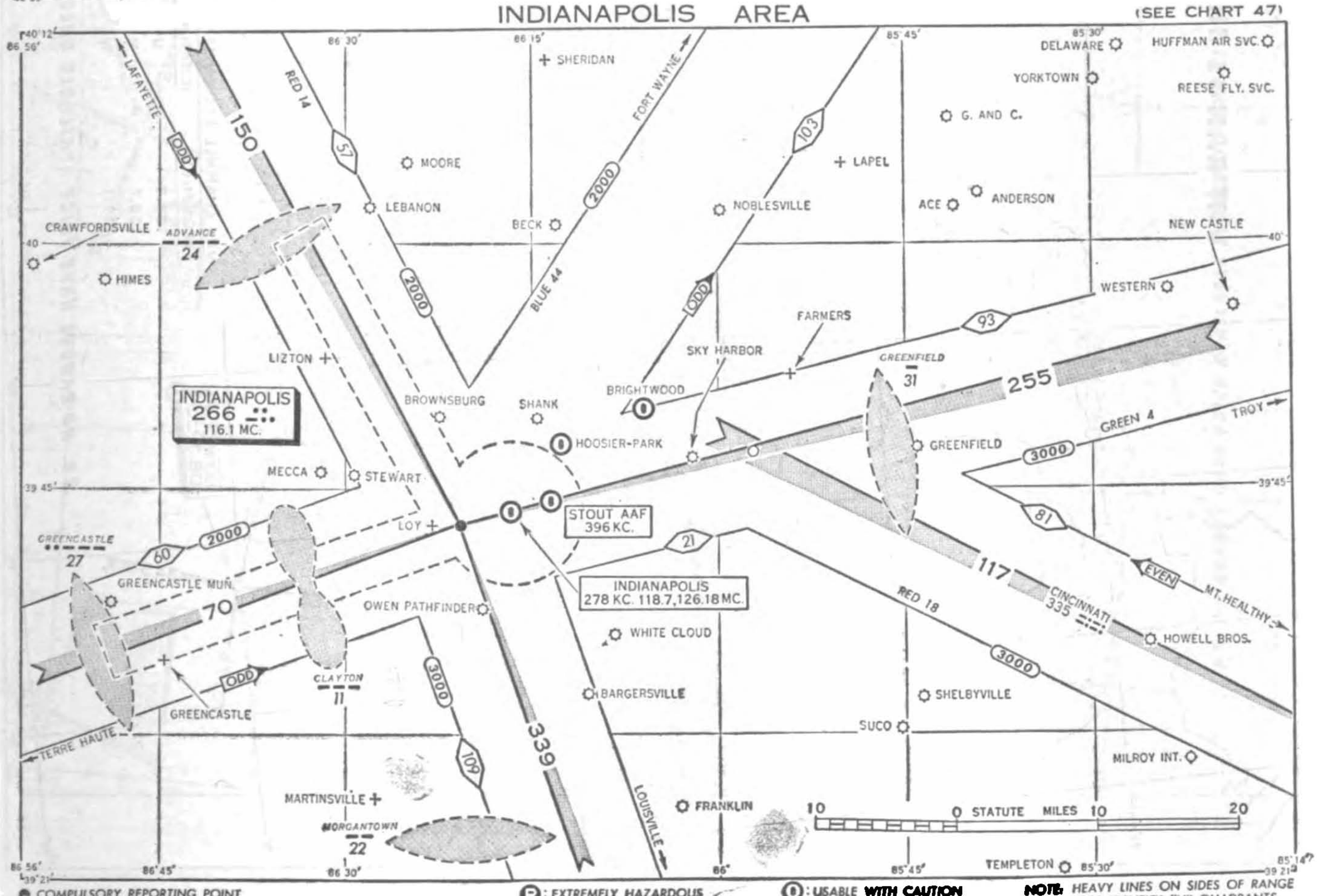
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



INDIANAPOLIS AREA (SEE CHART 47)



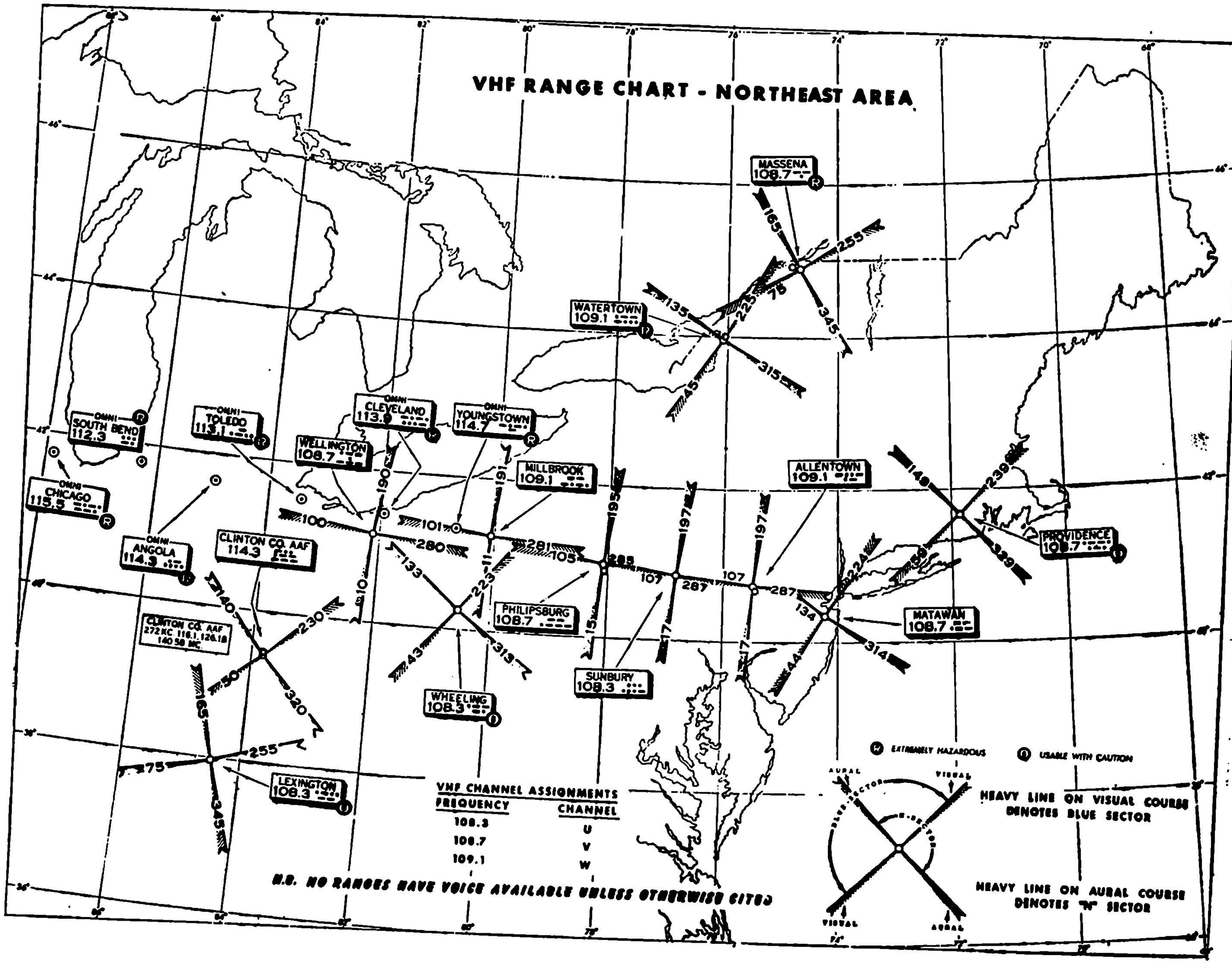
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

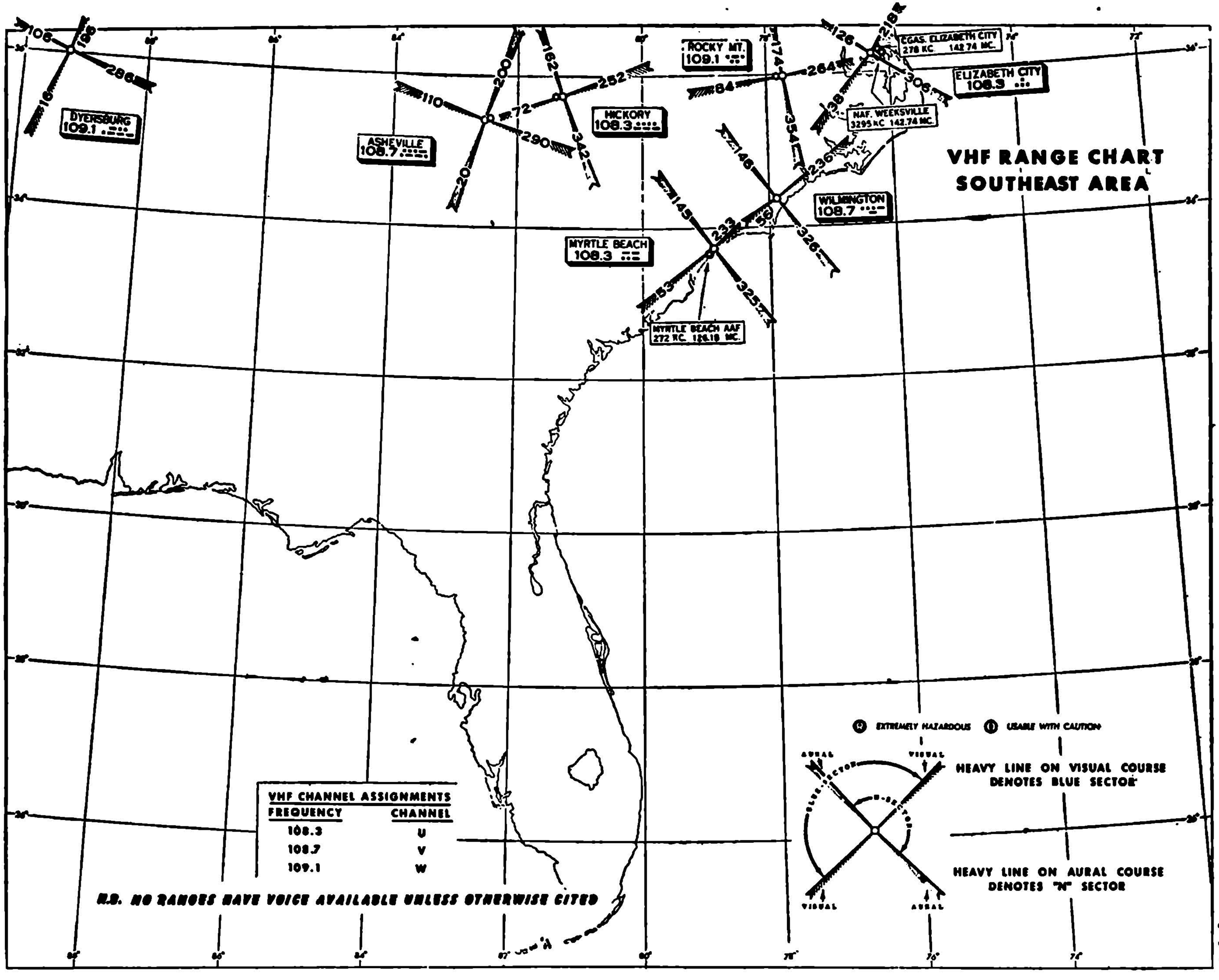
Ⓡ : EXTREMELY HAZARDOUS

Ⓓ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VHF RANGE CHART - NORTHEAST AREA




VHF RANGE CHART
SOUTHEAST AREA
DYERSBURG 109.1
ASHEVILLE 108.7
HICKORY 108.3
ROCKY MT. 109.1
EGAS. ELIZABETH CITY 278 RC. 142.74 MC.
ELIZABETH CITY 108.9
NAF. WEEKSVILLE 3295 RC 142.74 MC.
WILMINGTON 108.7
MYRTLE BEACH 108.3
MYRTLE BEACH AAF 272 RC. 126.18 MC.
VHF CHANNEL ASSIGNMENTS
FREQUENCY CHANNEL
108.3 U
108.7 V
109.1 W
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
AURAL
VISUAL
BLUE SECTOR
HEAVY LINE ON VISUAL COURSE DENOTES BLUE SECTOR
HEAVY LINE ON AURAL COURSE DENOTES "N" SECTOR

VHF RANGE CHART - SOUTHWEST AREA

CHILDRESS (VHF) W
W-109.1
143
233
52
233
323
53
162
252
72
323
342
GUTHRIE (VHF) W
U-108.3
ROOSEVELT (VHF) W
V-108.7
PINE BLUFF (VHF) W
V-108.7
103
283
EL DORADO (VHF) W
W-109.1
135
225
313
45
315
JOAQUIN (VHF) W
V-108.7
107
287
191
117
195
105
285
15
CLEVELAND (VHF) W
W-109.1

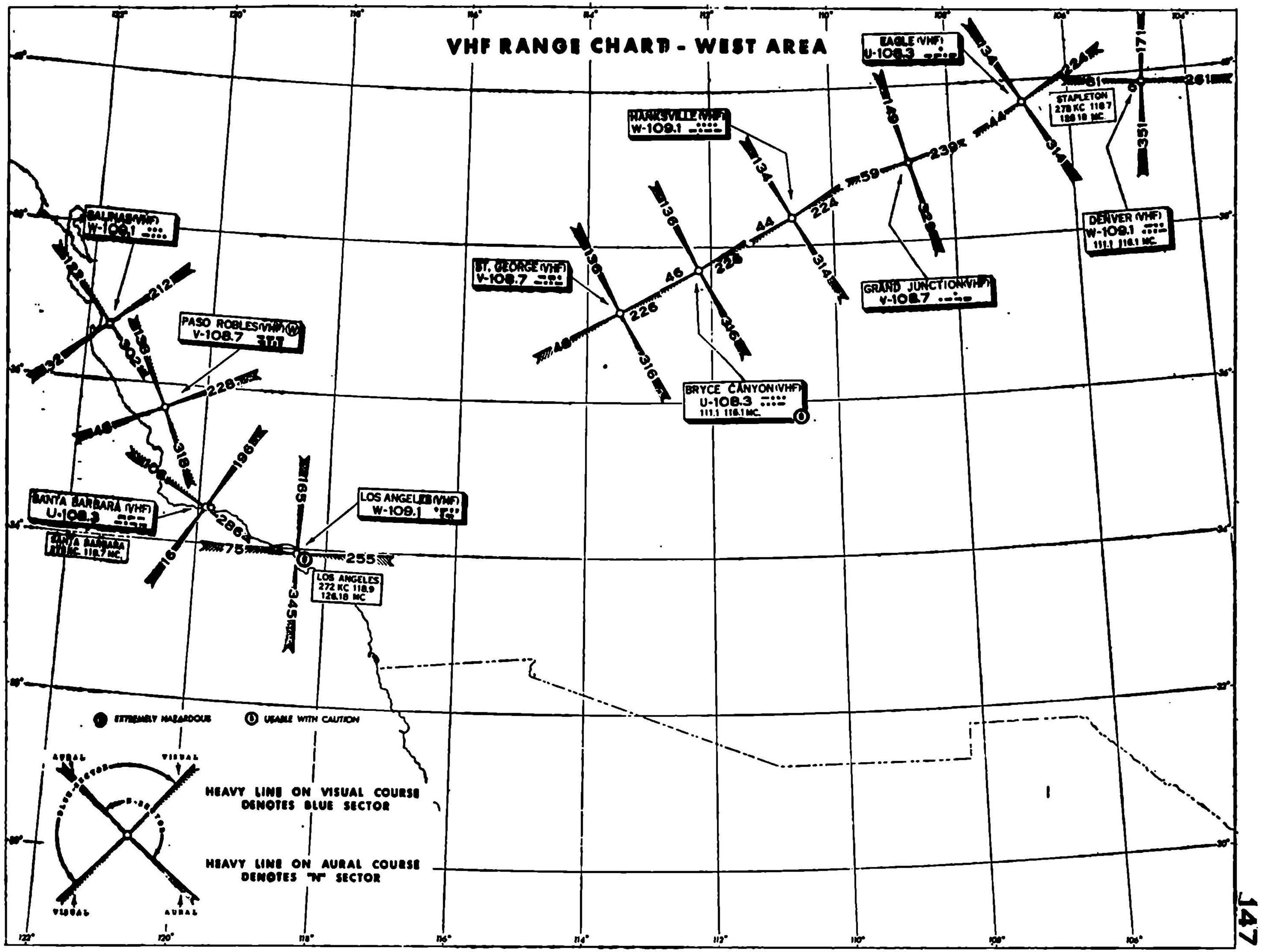
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION

AURAL
VISUAL
BLUE SECTOR
"N" SECTOR

HEAVY LINE ON VISUAL COURSE
DENOTES BLUE SECTOR

HEAVY LINE ON AURAL COURSE
DENOTES "N" SECTOR

VHF RANGE CHART - WEST AREA



AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - MONTREAL	195
ALBANY - NEW YORK	146
ALBUQUERQUE - AMARILLO	278
ALBUQUERQUE - DENVER	408
ALBUQUERQUE - WINSLOW	234
AMARILLO - OKLAHOMA CITY	232
AMARILLO - WICHITA	300
ATLANTA - MOBILE	299
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BILLINGS - HELENA	195
BIRMINGHAM - ATLANTA	141
BIRMINGHAM - MEMPHIS	268
BISMARCK - BILLINGS	384
BOSTON - BANGOR	210
BOSTON - BUFFALO	403
BOSTON - BURLINGTON	192
BOSTON - MONTREAL	265
BOSTON - PORTLAND	95
BROWNSVILLE - SAN ANTONIO	273
BUFFALO - CHICAGO	506
BUFFALO - DETROIT	249
CHARLESTON - CINCINNATI	152
CHARLESTON - RICHMOND	362
CHARLESTON - ST. LOUIS	475
CHARLESTON - WASHINGTON	461
CHICAGO - CINCINNATI	279
CHICAGO - DES MOINES	318
CHICAGO - MINNEAPOLIS	370
CHICAGO - ST. LOUIS	257
CLEVELAND - CHICAGO	320
CLEVELAND - DETROIT	107
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
DENVER - SALT LAKE	469
DENVER - SHERIDAN	400
DES MOINES - DENVER	604
DETROIT - CHICAGO	257
EL PASO - ALBUQUERQUE	251
EL PASO - PHOENIX	383
EL PASO - SAN DIEGO	666
FARGO - BISMARCK	187
FORT WORTH - EL PASO	535
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	310
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	299
GREENSBORO - ATLANTA	307
HELENA - SPOKANE	269
HOUSTON - ALICE	222
HOUSTON - CORPUS CHRISTI	184
HOUSTON - DALLAS	267
HOUSTON - FORT WORTH	274
HOUSTON - SAN ANTONIO	238
INDIANAPOLIS - ST. LOUIS	222
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
JACKSONVILLE - NEW ORLEANS	529
KANSAS CITY - CHICAGO	413
KANSAS CITY - DENVER	568
KANSAS CITY - HURON	416
KANSAS CITY - MINNEAPOLIS	471
KANSAS CITY - ST. LOUIS	205
KEY WEST - MIAMI	157
KNOXVILLE - NASHVILLE	154
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SALT LAKE	647
LOS ANGELES - SAN FRANCISCO	362
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MEMPHIS - ST. LOUIS	261
MEMPHIS - TULSA	362
MIAMI - JACKSONVILLE	334
MIAMI - TAMPA	222
MINNEAPOLIS - FARGO	228
NASHVILLE - MEMPHIS	205
NEW ORLEANS - HOUSTON	313
NEW YORK - BUFFALO	291
NEW YORK - BOSTON	193
NEW YORK - CLEVELAND	433
NEW YORK - PITTSBURGH	335
NEW YORK - ROCHESTER	277
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	228
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHILADELPHIA - PITTSBURGH	258
PHOENIX - LOS ANGELES	369
PITTSBURGH - CLEVELAND	124
PITTSBURGH - INDIANAPOLIS	353
PITTSBURGH - NEW YORK	361
PORTLAND - BANGOR	115
PORTLAND - PENDLETON	185
PORTLAND - THE DALLES	73
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ROANOKE - KNOXVILLE	244
SACRAMENTO - SAN FRANCISCO	76
ST. LOUIS - CHICAGO	257
ST. LOUIS - KANSAS CITY	205
ST. LOUIS - MEMPHIS	261
SALT LAKE - BUTTE	379
SALT LAKE - GREAT FALLS	488
SALT LAKE - SACRAMENTO	549
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN ANTONIO - DALLAS	251
SAN ANTONIO - FORT WORTH	258
SAN DIEGO - LOS ANGELES	106
SAN FRANCISCO - PORTLAND	574
SAN FRANCISCO - SALT LAKE	625
SAN FRANCISCO - SEATTLE	705
SEATTLE - SPOKANE	245
SHERIDAN - GREAT FALLS	307
SPOKANE - PENDLETON	161
SPOKANE - SEATTLE	245
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
TULSA - ALBUQUERQUE	629
WASHINGTON - CHARLESTON	267
WASHINGTON - GREENSBORO	271
WASHINGTON - NEW YORK	226
WASHINGTON - PITTSBURGH	190
WASHINGTON - ROANOKE	196
WICHITA - KANSAS CITY	176
WINSLOW - LOS ANGELES	502.

N.B. The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the indificual Guide Charts.

It is hoped that the mileages tabulated above facilitate flight planning because the addition of small sector mileages is no longer necessary.

NOTICES TO AIRMEN
SPECIAL NOTICES

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/gnd communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25, D.C. for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

CIVIL DATA: The Airman's Guide covers primarily two broad fields of civil airport information, namely so-called permanent data changes and temporary hazardous conditions. Permanent airport data refer to new airports or changes in field layout, servicing, lighting, or permanent obstructions of existing airports. Temporary hazardous conditions refer to conditions that make such airports temporarily unusable or usable only with caution. Such hazardous conditions could be, for example, a field closed because of floods, spring thaws, or construction; or merely a burned-out obstruction light or a runway partially unusable because of construction. Obviously, temporary hazardous conditions should be reported to the aeronautical public at once. The necessity for reporting additional aids or minor changes in existing aids, however, isn't nearly as cogent. In other words, a temporarily closed airport is ordinarily of much more importance from a safety angle than is a new airport, and the aeronautical public should be told about it as expeditiously as possible.

Notamizing of advice covering a field unusable because of flood, or snow, a runway closed because of construction, or the erection of a pole-line in an approach, doesn't necessitate an engineering background on the part of the reporter. Too, safety frequently necessitates the notamizing of such advice before an official check can be made. On the other hand, advice covering permanent airport data changes, such as a new airport, or a lengthened landing strip, or an additional hangar, obviously doesn't require the same expeditious transmission to the aeronautical public, and the data may be checked from an engineering standpoint and for standardization before being publicized.

SUMMATION: (a) Since the aeronautical public should be immediately advised of hazardous conditions, reporters should utilize the CAA Airways Communications Stations. The item to be reported, therefore, should either be telephoned or mailed to the nearest communications station for dissemination as a notam and for further transmission to the publishers of the Airman's Guide.

(b) Permanent airport data changes (as differentiated from temporary hazardous conditions) should be reported to the appropriate CAA District Airport Engineer for coordination before they are included in the Airman's Guide.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 85-2: The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. **All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, NG, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".**

2. "OFFICIAL BUSINESS" within the meaning of AAF Regulation 85-3 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the purpose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

3. POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS"
(b) **Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS.". Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.**

4. "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) **Fields closed to all transient traffic except on official business or in** emergency; (b) **Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA.** The **listing** "CLOSED" **will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.**

CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y., Morrison Field, Fla.,

✓ Indicates new or revised Special Notices

Washington National Airport, D.C., or Westover Field, Mass., CANADA - Great Falls AAF, Mont., McChord Field, Wash., Washington National Airport, D.C., Selfridge Field, Mich., or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif., Kelly Field, Tex., or Morrison Field, Florida. CARIBBEAN - Morrison Field, Fla., or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., or Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield-Suisun AAF, Calif.

PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases: No change. References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases: AAF aircraft departing from a non-AAF base will file a complete flight plan with, and when necessary, secure approval from, the nearest Flight Service center prior to take-off, or as outlined in AAF Regulation 60-22. Communications with a Flight Service center may be established by direct telephone or by a radio call to the nearest AAF base or AACS airways radio station. After contacting the Flight Service center, and obtaining flight plan approval when necessary, pilots contemplating flight under IFR will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA communications facilities are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute: AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change of route, altitude, point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must furnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA Airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service. One position report each 30 minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories. (7) Voice Calls: AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) RON Messages: At bases not connected with Flight Service centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service center at the time the arrival report is filed. (9) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An Index of AACS airways stations within the U. S., together with a listing of the assigned frequencies, may be found on pages 100 & 101 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	137.88 mcs.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

* Available for service indicated on a secondary basis.

(10) It will be some time before all AAF aircraft are equipped for operation on AACS airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS airways frequencies will contact airways station whenever possible rather than AAF control towers. (11) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta .	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit;Chicago;St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691 Osborn 88692
Ft. Worth; San Antonio; part of El Paso	Ft. Worth Flight Service Center** Fort Worth, Tex.	Fort Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles;Albuquerque; part of El Paso	March Flight Service Center** Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls;Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD-20 Tacoma LD-21

**REVISION OF ARMY FLIGHT SERVICE CENTER AREAS: The boundary between the March and Fort Worth Flight Service Areas has been moved. That part of the El Paso CAA area lying E of the following points now falls within the Fort Worth Flight Service Area; that part lying W within the March Flight Service Area: From 25 miles SE of the Clarendon Range, thence SSW to lat. 33°, long. 101°35', thence W to 33°-104°, thence S to 31°-104°, thence W to the U.S.-Mexican Border at 31°-105°34'

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of April 24, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(A) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Fld. Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR (a) When the visibility is not less than 1 mile and the ceiling is unlimited. (b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(B) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields other than Mitchel will be cleared subject to the conditions listed above for CFR and IFR clearances.

AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, NG, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, NG, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequencies
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequencies
1	116.1
2	142.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS, AND SEARCH AND RESCUE PROCEDURE: 1. When an aircraft is in distress and the pilot is unable to establish two-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is --, Over." Pilot may follow this emergency transmission with any other information he deems necessary. Although Channel "D" (140.58 mcs) has been designated as the Joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. 2. To request escort by Air Rescue Service rescue plane when two-way communication can be established, aircraft in distress will: (a) Contact Flight Service through nearest AACS airways station. (b) Give position report; if position is not known, request QTF (Fix). (c) Give nature of trouble, also estimated time plane can remain aloft. (d) Follow instructions transmitted by Flight Service. (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. 3. To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station. (b) Give position of crash. (c) Evidence of survivors, type and number of aircraft (if possible). (d) Follow instructions transmitted by Flight Service. (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airports designated by a single (A) in the "Airman's Guide" (Joint use with civil interests), Army servicing is available unless remarks column carries "ARMY TEMP INACT-CIVIL FACS." Notation is given in remarks column to servicing available for military aircraft: for example, "91, 100 oct. Army" This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard Fields (on Form 15). Notation with regard to available facilities will be shown in the remarks column; for example, "91,100 oct. NG". At (P) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

GROUND/AIR EMERGENCY CODE: The attention of all Army base operations personnel and Army pilots is invited to WD pamphlet 11-7, subject "Gnd/Air Emergency Code"

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, will expire July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize. (See pages 144, 145, 146 for VHF range coverage).

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 mcs. and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for

transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications station program is not fully effective yet because of non-receipt of the new receivers. CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs. in addition to towers' low frequencies. See individual data pages in the Airman's Guide for inclusion of these frequencies as commissioned.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

NON-COMPULSORY REPORTING POINTS: (1) The intersection of the NW leg of Waco Radio Range and the W leg of Fort Worth Radio Range has been designated a non-compulsory reporting point known as "Strawn". (2) The intersection of the NW leg of Waco Radio Range and the W leg of Dallas Radio Range has been designated a non-compulsory reporting point known as "Gordon". (3) The intersection of the S leg of Ft. Worth Radio Range and the W leg of Dallas Radio Range has been designated a non-compulsory reporting point known as "Fort Worth"

CFR FLIGHT PLANS, AND ARRIVAL REPORTS: CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. One hour after E.T.A., if no notice of arrival is received, queries are sent out over CAA communication systems. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. To reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-1", May 25, 1947, page 97, by deleting FCC station at South Miami, Fla., and by showing instead, station at Richmond, Fla. (temp inop due to pending move), telephone number Perrine-2921; by correcting back-page Index to Radio Facility Charts to show Atlanta Chart as 51 and Miami Chart as 53; page 32, by showing control tower at Casper with VHF channel B.

WEATHER REPORTING SERVICE

Weather Reporting Location	Type of Report	Effective Date
Powell, Wyoming	Supplementary	Established
Lovell, Wyoming	Supplementary	Established
Evanston, Wyoming	Supplementary	Established

NOTE: Hourly reports now available from Ontario, Oregon in lieu of supplementary weather reports.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons, indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 1, No. 2, dated January 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

UNITED KINGDOM MILITARY AIR BASE USAGE: The following United Kingdom military air bases are available to civil air carriers of only U.S. and United Kingdom and to aircraft which were purchased in either the United States or the United Kingdom and are in ferry status: (a) For regular use: Kindley Field, Bermuda; Beane Field, St. Lucia; Coolidge Field, Antigua; and Atkinson Field, British Guiana; (b) For alternate

use: Waller Field, Trinidad; Vernam Field, Jamaica; and Carlsen Field, Trinidad. Even though the above fields are open to civil air carriers and ferry status planes it is mandatory that the operators of such aircraft secure approval for use of these military air bases from Headquarters, AAF, Washington, D.C., prior to the departure of each flight or series of flights.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHARTS: Flight checks have revelaed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated Dec. 1946, are as much as 4300 feet too low. This chart base is being thoroughly re-checked and a new chart will be issued as soon as possible.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of international notams to Service A circuits by WSY New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria; WSY New York; EIP Shannon; FXO Paris; WFH Port Lyautey. Inter-island radioteletype link CSY Santa Maria to WYQY Lagens will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures.

NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, San Juan NAS, Trinidad NAS, Guantanamo NAS guard 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

AFRICA-Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

BERMUDA-Somerset NAS Radio Facility: Somerset NAS transmissions, air ground CW 3285 and 6253 kcs., were discontinued April 3, 1947.

BRITISH WEST INDIES-Antigua NAF: The following red obstruction lights have been discontinued at Antigua NAF. Aircraft utility building height 50' two lights. Main supply building height 60' one light. Power house height 40' one light. The following red obstruction lights will be discontinued at sunrise June 1, 1947. Three obstruction lights on water tower, two at 75' level and one at 155' level.

Belize, Honduras-Landing of Private Aircraft in Belize, Honduras: Aircraft intending to land at Belize Airport or on the Belize waterfront should give the Director of Aviation, Belize, Honduras, at least four hours' advance notice of their intended arrival. Flight plans may be filed for transmission to Belize between the hours of 1400Z and 2400Z thru MIAMI CAA operated, overseas foreign aeronautical communications station.

Kingston, Jamaica-Montego Bay Airport: Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans-call letters WEK.

Kingston, Jamaica-Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105. and 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communication Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

Trinidad Naval Air Station, B.W.I.: Effective June 16, 1947, Navy Squadron commenced conducting aerial gunnery from 1300Z to 2000Z daily except Sat. and Sun., until further notice. Surface craft and aircraft remain clear of area 1000N, 6045W, 1030N 6045W and 1000N. 6000W, 1030N, 6000W.

CUBA-Rancho Boyeros Airport, Havana: Effective May 19, 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file flight plans prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type; route of flight; time of flight departure; time of minutes; altitude; CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230 92/60N KW. For trial period and until further advised all flight plans except Expreso and those presently using PAA communications facilities may be forwarded through WBR addressed to OAHAV at no charge.

GREECE-Hassani Airport, Athens Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this station.

MEXICO-Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for a Customs inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

NEWFOUNDLAND-Military and Naval Landings: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

PUERTO RICO-San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station) Isla Grande Airport, San Juan, P.R. - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947. Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, P.R. Cable address is "Autoritan"

San Juan, P.R.: Effective June 9, 1947, the seadrome landing lights were discontinued and the landing light buoys were removed from the bay of San Juan at the Naval Air Station, San Juan, P.R.

San Juan, Caguas: Radio antenna tower under construction unlighted until further notice, height 150', located 1-1/4 miles N of Caguas at latitude 18-15-20 N, longitude 66-1-53 W.

San Juan, Losey Field: May 1, 1947, Puerto Rico Transportation Authority took over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern half. NW/SE runway closed. Field available to daylight CFR operations only. (4-25).

San Juan NAS: Effective June 21, 1947, repairs to runway in progress. Runway will be restored to normal length of 5330 feet.

DOMESTIC DATA

[redacted]

ALA-TENN-GA ARPT (BRIDGEPORT)-Ctn in wet weather. (5-22)

ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)

ALLENPORT ARPT (MONTGOMERY)-Muddy after rains. Use with ctn. (5-22)

ALABAMA:ATHENS ARPT-Ctn in wet weather. (5-22)
ANDALUSIA ARPT-Bare in spots. Ctn in wet weather. (5-22)
ANNISTON ARPT Ends of strips soft in wet weather. (4-29)
ATMORE FLYING SERVICE-Soft in wet weather. (5-22)
ATMORE INT, SITE 16, NO-AG-Emerg use only. (5-22)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (5-6)
BATES FLD (MOBILE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-18)
BEAVER DAM FLD (DECATUR)-Soft after rainy weather. (5-22)
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. No landings on sodded areas. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. (5-20)
BOYKIN FLD (DEMOPOLIS)-Cattle on fld. (5-22)
BREWTON ARPT, new-Cattle on fld. (5-22)
BROOKLEY FLD (MOBILE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Soft-use rnwys, taxi strips only. (4-23)
**GADSDEN ARPT-Formerly carried as Camp Sibert (Attalla). (6-6). See page 116.
CENTRAL PARK ARPT (BIRMINGHAM)-Avail. lgt acft in all weather. (5-22)
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)
CHASTAIN'S ARPT (PRICHARD)-Soft after rains. Shallow dip near center of E/W strip. (5-22)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (5-29)
CULLMAN ARPT-Soft in wet weather. (5-22)
DAVENPORT ARPT (FT. PAYNE)-Muddy in wet weather. S end rough. (5-22)
EUTAW ARPT-Use NW/SE strip only. (4-17)
FAYETTE ARPT-Avail. lgt acft only during wet weather. Trees and fone line at W end. (5-22)
FLINT CREEK ARPT (DECATUR)-Soft after rainy weather. (5-22)
GAINESVILLE INT, SITE 55, FV-AG-Emerg use only. (5-22)
GOODYEAR FLD (GADSDEN)-Soft in wet weather. Safe for lgt acft-land with ctn. (5-22)
GRAGG FLD, SITE 27, PS-TM (CLANTON)-Ctn in wet weather. (5-22)
GREENVILLE ARPT, SITE 24, NO-AG-Soft after rains around arpt circle on N/S strip. (5-22)
**GULFSTEEL ARPT (GADSDEN)-Formerly carried as Gadsden Arpt. Operations moved to Gadsden Arpt (the former Camp Sibert Fld). See page 116.
GUNTER FLD (MONTGOMERY)-Use rnwys only. Sod areas adj rnwys and taxi strips soft. Use Maxwell Fld for trans svcg. (1-10)
GUNTERSVILLE DAM ARPT-Soft spots at ends. (5-22)
HARTSELLE ARPT-Use W side fld. Avoid E side. E half of strip has small depressions extending from S end for approx 600' toward the N. Small area at SW portion fld soft after rains. (5-22)
HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE, S, E. (4-29)
**HUNTSVILLE ARSENAL ARPT-Bcn, rnwy lgts, tetrahedron wind indicator avail. (6-5) See page 90.
JACKSON FLD (LIVINGSTON)-Rolling and slightly rough. Soft spots along N side at SW end. (5-22)
LEGION FLD (MONROEVILLE)-Do not confuse golf course fairways with landing strips. (5-22)
LUVERNE ARPT-Ctn in wet weather. (5-22)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel rnwys. (10-17)
McKEE FLD (JACKSON)-Soft after rains. Not licensed. Use at own risk. (5-22)
MOTON FLD (TUSKEGEE)-Use with ctn in wet weather. Soft and rutted spots along E side. (5-22)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. Obst lgt atop 175' water tank inop. (1-12)
NORMAN BRIDGE ARPT (MONTGOMERY)-Muddy after rains, but not soft. (5-22)
NORTH SAUTY BASE (SCOTTSBORO)-SSE end soft in wet weather. (6-22)
OAK ARPT (FOLEY)-W end E/W, N end N/S strips soft in wet weather. (5-22)
ONEONTA ARPT-N 800' strip wet, soft and rough. Unsdrviceable in wet weather. (4-29)
PRYOR FLD (DECATUR)-Rough spots around wind sock, mrkd. (5-22)
ROBERTS FLD (BIRMINGHAM)-S side fld avail. during wet weather. (5-22)
RUSSELL FLD (ALEXANDER CITY)-Washes on S edge near W end E/W strip, mrkd. (5-22)
SOCTTSBORO FLYING SERVICE-Soft in extremely wet weather. Rough spots on SE corner. (5-22)
SOUTHERN AIRMOTIVE ARPT (DOTHAN)-Twr 3/4 mi W. (5-22)
STROTHER FLD (GASTONBURG)-PRIVATE. Cattle on fld. (5-22)
TALLADEGA ARPT-N 700' N/S strip soft in wet weather. (5-22)
VALLEY AIR SERVICE (LANETT)-Soft after rains. (5-22)
VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Heavy acft avoid extreme NW and SW corners of fld after heavy rains. (6-3)
WALKER CO. ARPT (JASPER)-Land inside of bndry mrkrs. Avoid new landing strip now being graded. (5-22)
WEEDON FLD (EUFAULA)-Trees in W approach. (5-22)
WINFIELD ARPT-In wet weather avoid S end N/S strip-soft. (5-22)
**WOLF OLF (ELBERTA)-Formerly carried under Josephine. (3-27)
WOOD-DEARING ARPT (RUSSELLVILLE)-Muddy in wet weather; safe for lgt acft, but land with ctn. (5-22)
[redacted]:ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous-grass,hills. (3-4)
DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer W end fld between ends of NW/SE, E/W rnwys. (6-17)
DEEP LAKE INT, SITE 54A, LA-AQ-Avail. emerg use only-soft. (3-4)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (5-27)
**FT. HUACHUCA-Lat 31-33-00, long. 110-18-30.
HOLBROOK INT, SITE 51B, LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-No inst flights cleared to Kingman. No obst lgts atop Haulpai Mtn (8500' MSL) 11 mi S. (3-10)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)
PHOENIX-Inst. train. on Phoenix Range between 5500' and 9500'.
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy acft use rnwys in wet weather. (4-28)
SKY HARBOR ARPT (PHOENIX)-Local ngt flying acft must be equipped with 2-way rdo. Equip. near Rnwy 12. Installation of ILS in progress off end of Rnwys 26 and 8. (5-25)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs advance notice in order that lgts may be turned on. (5-8)
**VERDE VALLEY (COTTONWOOD)-ABANDONED. (1-2)
WILLIAMS FLD (CHANDLER)-RADIO: Army range unreliable and to be used for training only. (6-3) FLD: Use rnwys only.
WINSLOW-RADIO: Soon, VARW fac will be comm at lat 35-03-29, long. 110-47-46. Freq. 108.7 mcs. Ident. "WO". Visual courses: 20°, 201°; aural courses: 111°, 291°. Voice fac will be added at a later date. This corrects AIRGI Vol. 2, No. 4. (5-24)
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed (flood damage).

[redacted]: Equip. on fld days. (5-27)
YUMA COUNTY ARPT-Parking rstd to W side fld. (5-28)
[redacted]:BIGGERS ARPT-Use strips only-cattle on fld. (4-25)
EL DORADO-RADIO: Ctn - VHF rng unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin bldg closed to all acft of 9000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd. Bndry lgts this area inop. (4-6)
GRIDER FLD(PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
HOT SPRINGS MEMORIAL FLD-Use ctn when landing and taking off. Soft sod in wet weather. (5-15)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: Stn guards 3117.5 kcs 2200 to 0600.
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy (9-27)
MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
PINE BLUFF-RADIO: Ctn - VHF range unmonitored. (4-10)
PRAIRIEVILLE ARPT (STUTTGART)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, fld soft and rough. (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only, Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)
[redacted]: ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
★ARCATA-RADIO: Range freq changed to 209 kcs June 12.
AUBURN-RADIO: Hourly weather reporting and teletype services will be discont about June 25. (6-21)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (2-21)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways. Rnwy 31 usable in all weather for acft up to 10,000 lbs. Taxiways should be used with ctn during winter months. When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave., but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (5-19)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BRESSON ARPK (BLYTHE)-Soft spot W side N/S strip. (5-30)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-RADIO: Rng flgt-checked June 11, courses correctly aligned.
BURBANK-LOCKHEED AIR TERMINAL-Closed to all trans P-80 acft except on special projects for modification that stn. Right traffic Rnwys 7,15; left traffic Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). (6-23)
CAL AERO ARPT (CHINO)-Use rnwys only-parked acft. (3-24)
CAMARILLO-VENTURA CO. ARPT-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)
CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT(AVALON)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)
CLEAR LAKE SEAPLANE BASE-Avail. emerg only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip [redacted]: avail. for taxiing. Left traffic at 500'. (5-20)
COMMERCIAL ARPT (LOMPOC)-Strips unusable. (5-30)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe Railroad, downtown Corcoran Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AO-Obst lgts atop 90' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3,7. (3-13)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (5-21)
DEL MAR ARPT-Right traffic at 800' with prevailing westerly winds. (5-21)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (5-22)
FAIRFIELD-SUISUN AAF-RADIO: Army rng unreliable, use for homing only. (6-5) Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (6-5)
FILLMORE ARPT-Private [illegible]. Acft prkd adj to strip. Expected to be open to public soon. (3-20)
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop). (1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Extn to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-26)
HOBERT ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the CO, NAS Los Alamitos. (4-9)
HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)
★INYOKERN-RADIO: June 13, a Navy MRLWZ rng comm and flgt-checked at lat 35-44-30, long. 117-40-30. Courses: 74°, 169°, 254°, 349°. Oper cont. See page 76. FM on the E course of the Inyokern Navy rng comm June 20; 255°, 6.7 mi., Ident one dash. These data rcvd too late for chart and data page. FM on the S course will be comm soon. (6-21)
••LIBERTY FLD (ROSAMOND)-ABANDONED. (6-12). See page 98.
LINDBERGH FLD (SAN DIEGO)-Right traffic Rnwys 27 and 31; left traffic Rnwys 9 and 13. (6-19)
LIVERMORE OLF-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
••LODI MUN. ARPT-Lat 38-05-30, long 121-21-15. See page 72.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for

[redacted] mobile ground traffic. (3-20) FLD: Ltd maintenance and fuel supply Army acft. (6-9)

LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)

LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)

★LOS ANGELES ARPT-RADIO: Outer and middle mrkrs of CAA ILS relctd June 14. See page 138. Localizer relctd, flgt-checked and recomm, letd 1030' W of Rnwy 7R . Glide path resumed oper. Lclzr and middle mrkr unmonitored. (6-14) FLD: Obst lgts installed atop 25' bldg 1030' W Rnwy 7R. (6-16). Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within approach zone to and parallel with S side Rnwy 29. Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. N side fld under const. Equip. on fld. All landings. take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. (6-16)

LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)

MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)

MARCH FLD (RIVERSIDE)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission. only. (1-8)

MARTINEZ ARPK-Unusable during rainy weather. (5-26)

MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)

McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (4-23)

MERCED MUN. ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. Ctc, approach lgts inop. Equip. on fld adj E/W, NW/SE rnwys 0800 to 1700, mrkd. (6-19)

MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)

MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. (3-28)

MOFFETT FLD NAS-LTA-HTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. N connecting taxiway closed to all traffic. (6-17)

MOJAVE NAS-Closed to all acft except on off. bus. (5-21)

MONACHE MEADOW LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn. (5-30)

MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left Rnwys 6, 10. (5-20)

MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only. (6-9) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)

NEEDLES ARPT-Wind cone inop. (6-21)

★NEWHALL-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. Rng flgt-checked, courses correctly aligned.

NEWHALL INT, SITE 3A, LA-SF-No fuel. (5-30)

OAKLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for moving ground traffic. (6-13) FLD: Rock surface area adj to Rnwy 27R avail. small acft. Adhere to instructions issued by twr. Maintenance facs avail. 0800 to 1800. Closed to acft not equipped with two way rdo except acft may land for repairs or fuel without rdo on permission from arpt supt. Rnwy 6-24 avail. lgt acft only. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W [redacted] taxiways and parking apron sealing expansion joints. Heavy acft use rnwys, taxi strips only. Arpt channel unmrkd day, ngt. (5-13)

O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when wet. (5-19)

OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)

PALM SPRINGS ARPT-Right traffic, all take-offs and landings on Rnwys 31,35. Rnwys 13,17 usual left. (5-17)

PLUMAS CO. ARPT (BECKWOURTH)-Use rnwys, taxi strips only-turf rough. (6-2)

RED BLUFF-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-21). These data rcvd too late for ⓪ symbol.

REDWOOD FLD (ARCATA)-Closed to acft without 2-way rdo. Use surfaced areas only. (3-25)

SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)

SAN CLEMENTE ISLAND OLF-Closed except in emerg. (6-3)

SAN DIEGO-Night fighter training being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long. 117-03-20 and lat 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S-Mexico bndry. (b) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat 32-50-30, long. 116-26-30, excluding those portions which lie within the confines of civil airways.

SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (blank and orange checkered floating pyramid) unless directed by twr. Point Love (black and orange checkered floating pyramid) is letd 1-1/2 mi S of Hotel Del Coranada. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibous Training Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (6-3)

SAN FRANCISCO-RADIO: Effect July 1, Overseas Foreign Aeronautical Commuss Stn KSF will perm discont use of voice freq 4220 kcs send-receive and activate in its place voice freq 5165 kcs send-receive. Thereafter pilots radiotelephone service at KSF rdo San Francisco will be maintained on VHF 116.1 mcs and 5165 kcs. Pilots radiotelephone service on 2870 kcs send-receive will continue to be maintained for seaplanes only.

SAN FRANCISCO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-3) About Aug 1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclzr freq. 109.5 mcs with ident. "SF", transmitter letd 220' from W end of E/W rnwy. Glide path freq 332.6 mcs, transmitter letd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be letd 6.6 mi from E end of E/W rnwy, keyed 2 dashes per second, inner mrkr will be letd 4550' from E end of E/W rnwy, keyed with alternate dots and dashes. No bndry mrkr. Will oper cont. (5-14). This corrects AIRGI Vo. 2, No. 4 FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 2000' Rnwy 10-28 closed for landing acft days only. (6-2)

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)

SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)

SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)

★SANTA BARBARA-RADIO: Voice feature comm on VHF range June 11.

SANTA BARBARA ARPT-Equip. on fld. Closed to glider opers. (6-14)

CALIFORNIA:SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (5-6)
★SAUSALITO-RADIO: FM decomm June 10.
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Approx 1/3 of the main strip has been gravelled and should be used during the winter months. Medium and large acft avoid during the spring thaw. (5-26)
SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed until July 1. Equip. adj to NNE/SSW strip. (5-6)
SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)
STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NMAS Ream Fld. No communications at landing strip. (12-5)
TEMPLETON MEADOW FLD (OLANCHA)-Unusable. (5-30)
★TERMINAL ISLAND NAS (SAN PEDRO)-RADIO:Navy twr decomm. These data rcvd too late for data page and chart. (6-21) FLD: No lgts or svcg.(6-4) See page 138
**THREE RIVERS ARPT-Lat 36-27-00, long. 118-53-45. See page 76.
★TRONA-RADIO: June 13, SMRAWZ fac discont.
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TUNNEL LANDING STRIP (OLANCHA)-Strip maintenance uncertain- ctn, (5-30)
VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use Rnwys 16L-34R, 7R-25L,3R-21L, only. (5-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)
[redacted]BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop.(4-7) FLD:No lgts, messing, transportation or lodging facs. (4-5)
CHESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
FLAGLER ARPT-Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9 -29)
LOWRY FLD (DENVER)-Equip. on fld 0600 to 1700 Mon thru Fri. (4-11)
**MONTROSE ARPT-Fld closed. (6-4) See pages 34 & 80.
PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (6-13)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-20; S by lat 38-16-19; W by long 104-18-38; E by long 104-17-40.
PUEBLO ARPT-Rot. bcn stop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically chose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fence lines). (5-14)
RUSTON FLD (DENVER)-Strips soft during wet weather. NE/SW strip closed. (6-6)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SALIDA ARPT-Landings should ordinarily be made to the W and take-offs to the E. (6-13)
SKY RANCH ARPT (DENVER)-Right traffic Rnwys, 36,30,36; left traffic Rnwys 8,12 18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (6-13)
TRINIDAD ARPT-Strips avail. lgt acft. (3-21)
WALKER FLD (GRAND JUNCTION)-Heavy acft use rnwys only. (6-18)

[redacted]BRAINARD FLD (HARTFORD)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW fld bndry, close to the NW leg Hartford Range. Flood lgts N end N/S rnwy inop. Eleven street lgt poles erected W side fld, unlgtd. Lgts approx 12' below top of poles. (6-2)
BRIDGEPORT APRT-Use rnwys only. Exten local traffic days. Acft landing without establishing rdo commuus with twr must conform to local traffic pattern. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy toward twr immediately after landing. All acft without rdo communs with twr should determine proper rnwy and taxi route from twr or opers prior to taxiing. (6-10)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop.(4-21)
DANBURY-SPECIAL NOTICE: Danbury Fair Inc. operating a search lgt at Danbury Speedways every Sat ngt thruout the summer season. (5-27)
HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs, hedges on W bndry). (5-5)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman stationed at approach end of rnwy being used, displaying red flag. (4-21)
RENTSCHLER FLD (EAST HARTFORD)-Pile driver moored in Conn. Riv. with Obst lgts 130' MSL, 1/2 mi SW fld. (6-2)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE (4-25)
STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)
TRUMBULL FLD (GROTON)-Water twr being const atop hill 1 mi NW. 107' derrick being used during const, unlgtd. (5-19)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)
**[redacted]CAPE HENLOPEN-Over-water danger area described as follows: sector of a circle of 35,000 yds. radius between 170° true and 110° true originating at lat 38-46-25, long. 75-05-06. has been discont.
**DOVER ARPT-1,A ENE-ABANDONED. (5-5)
**DOVER AAF-Bcn, obst lgts oper cont. (5-22) See page 66.
**GEORGETOWN ARPT-Will hereafter be carried as Sussex Co. Arpt (Georgetown)
★NEW CASTLE CO. ARPT (WILMINGTON)-RADIO: Priv. twr now transmits on 219 kcs.,118.5,126.18 mcs. (6-9) FLD: Use rnwys only. Equip. on fld days.(3-14)
**REHOBOTH BEACH AIRCRAFTERS-Will hereafter be carried as Rehoboth Aircrafters (Rehoboth Beach). See page 66.
[redacted]SPECIAL NOTICE-See item under Alexandria Arpt, Va.
SPECIAL NOTICE: The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40,long.77-06-30.
SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LAT 38-53-46, LONG 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (5-12)
BOLLING FLD (WASHINGTON)-Rnwys 10-28,14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctn flight minimums. Rnwy 2-20 avail.(3-12)
WASHINGTON NATIONAL ARPT-RADIO: GCA will be in oper effect. June 1, 24 hrs daily for pilot training only during CFR conditions and when approach control is not in oper. Only 1 acft can be handled at a time due to shortage of control personnel. GCA not avail. for emerg use. Contact twr for GCA working freq. (5-30) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. Following instrument landing minimums have been established for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1mi.

[redacted] Form 8A greencard holder- 500' and 1 mile. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16) ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Terminal Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)

[redacted]:AIRPARK (PENSACOLA)-Formerly carried as Gulf Airpark. (6-17) See page 130.

ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi SW. (4-26)

ALLIANCE AUX FLD NO. 4 (MARIANNA)- CLOSED. (6-12) See page 130.

**AVIATION CENTER ARPT (LEESBURG)-Formerly carried as Leesburg Aviation Center. Use rnwys only- sand soft. (5-22)

BANANA RIVER NAS-RADIO: Navy exper. VHF rnwy localizers and various types of ILS operate intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (2-27) Exper flights conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Heavy training traffic in both land and seaplane areas, day and ngt week days only. All civil acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS. (3-12)

BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of five green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)

BOCA RATON AAF- Closed to all trans mil acft except on off. bus. or in emerg. Port floods avail. on 15 minutes notice. Stay on rnwys - shoulders soft. (6-9)

BRONSON FLD NAAS (PENSACOLA)-Inactive - no facs (4-9)

BROWN FLD (MIAMI)-N/S, NW/SE rnwys under const. (5-18)

BUNNELL ARPT-Cattle on fld. (5-19)

CANNON MILLS ARPT (ORLANDO)-N,NE,NW,E use right traffic. S,SW,SE,W use left traffic. (5-27)

**CARLSTROM ARPT (ARCADIA)- ABANDONED. (6-17) See page 134

CECIL NAAS (JACKSONVILLE)- Equip. on fld. (5-19)

CEDAR KEYS ARPT-Use rnwys only. (5-19)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. (1-29)

**CHIPLEY MUN. ARPT- Lat 30-45-00, long 85-30-00. See page 130.

CITY AIR PARK ARPT (PANAMA CITY)- NE/SW strip under const. Not to be Used except in extreme high wind (short, wires at NE end). (1-6)

DALE MABRY FLD (TALLAHASSEE)- 26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (5-7)

DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld inop. Use lgtd wind tee SE of Admin Bldg. (5-8)

DINNER KEY CGAS (MIAMI) - Landing facs avail. in emerg or off. bus. (10-10)

**DORR ARPT (ARCADIA)- ABANDONED. (6-17) See page 134.

*[redacted]:DRANE FLD (LAKELAND)- Formerly carried as Lakeland AAF (1-16) See page 134.

DREW FLD (TAMPA)-Use rnwys only. Equip. along outer edges of N and S ramps mrkd. Ditch along outer edge of N and S ramps, mrkd. Avail. to rdo rcvr equipped acft tuned to twr freq. (6-20)

EGLIN FLD (VALPARISO) -RADIO: Army ILS to be reactivated soon. (6-11) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Range. (1) Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2) Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (6-11)

**ELLIS ARPT (MARIANNA)- CLOSED (6-12) See page 130.

ELLYSON NAAS (PENSACOLA)- Inactive - no facs. (4-9)

**FORT LAUDERDALE ARPT-Carried incorrectly as West Prospect Arpt. in Vol. 2 No. 5. See page 136. Const. Fifty acres being cleared, graded and paved at the E side of the fld. Taxiway being const parallel to the NW/SE rnwy. NW/SE rnwy being extended at the SE end. (6-3)

**FORT LAUDERDALE NAS-CLOSED.

GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)

HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt acft only. Sinkhole 100' E of intersection filled with sand. Other rnwys and taxiways usable. (5-19)

HOMESTEAD ARPT-Landing fee all acft. (3-12)

**JACKSONVILLE - (A) Large danger area for bombing, rocket firing, strafing and instrument flying has been established in the vicinity withis the following described area: beginning at lat 30-19-20, long. 81-38-10; SE to lat 30-10-45, long. 81-35-00; S to lat 29-55-00; W to long 81-55-00; N to lat 30-03-00; W to long 82-20-00; N to lat 30-22-00; E to lat 30-21-10, long 81-50-00; SW to lat 30-18-40, long. 81-52-40; SE to lat 30-12-45, long. 81-45-30; NE to point of beginning. (B) 8 circular danger areas encompassed by the above area have been discont.

JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. (5-22)

JASPER ARPT-Cattle on fld. (5-19)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwys. (5-22)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)

★MacDILL FLD (TAMPA)-RADIO: Army ILS (SCS-51) now operates from
** 0800 to 1700 and is avail. on 30 minutes call 1700 to 0800. (6-9) Effect. Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Skeet twr E of rnwy 22 removed. Rot. split type bcn Installed on water twr. Rnwys 13L-31R and 9-27 are taxiways only. (6-4) Rnwys 4-22, 13-31, 18-36 avail. Rnwy 18-36 closed ngts. GCA equip. 3000' from end Rnwy 22R, lgtd. Rnwy 4R-22L closed. (5-21)

**MALONE AUX FLD NO. 2. (MARIANNA)- CLOSED. (6-12) See page 130.

MASTER NAS (MIAMI)- Closed thirty min after sunset until 0700. Extreme ctn- heavy traffic. Northernmost E/W rnwy closed (equip., Parked acft). (1-8)

MAYPORT CGAS - Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status - no facs). Rnwys 32,36 under const-closed. (3-11)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. Obst lgts atop old control twr inop. (6-17)

FLORIDA :MIAMI-RADIO: Federal Communication Comm. Fld Unit Direction Finding Aids inop (being relctd.) (5-5)
MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently, days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. Const until June 30 in grass area between Terminal and W hangar ramps and E/W rnwy in N fld. Area mrkd and lgtd. (5-26)
MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)
MORRISON FLD (WEST PALM BEACH)-RADIO: Effect Apr 26, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident being changed to alternate dots and dashes. (3-17)
**NAPLES MUN-CLOSED.
ORLANDO AVIATION COUNTRY CLUB ARPT-Land to the N, take-off to the S. Pwr line N. (5-19)
ORLANDO AAB-About July 1, tetrahedron wind indicator will be discont. (6-18)
**ORMOND ARPT-Formerly carried as Tomoka Arpt at Daytona Beach. (132,134)
PAGE FLD (FT. MYERS)-NW/SE rnwy lgts inop. (5-1)
★PENSACOLA-RADIO: Stn now grds 3106,4496,6210,3117.5 kcs., 116.1,122.1 mcs. (6-21) These data rcvd too late for data page. Auto. rng monitor. sys comm on NW course. (6-16)
**PENSACOLA ARPT-Three 200' twrs rdo stn WCOA 4 mi S (185° true) at lat 30-23-54 long. 87-15-18, erected and lgtd. (6-21) Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (4-29)
PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (5-22)
PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Rnwy 3-21 and S of Rnwy 10-28 rough-use ctn when taxiing. Heavy acft use rnwys. Equip. on fld days. (5-20)
**PINELLAS COUNTY INTERNATIONAL ARPT (ST. PETERSBURG)-Formerly carried as Pinellas County Master Arpt. (1-14) (134) Lgt acft landing and taking off on sodded area directly S of fld. NE/SW rnwy lgts inop. Other rnwy lgts weak. (6-18)
**PIPER-FULLER ARPT (ST. PETERSBURG)-ABANDONED. (6-9) See page 134.
PUNTA GORDA MUN. ARPT-Usable emerg landings only. (5-29)
RICHMOND NAS-LTA-Use in emerg only (cartaker status-no facs).
**RIDDLE FLD (CLEWISTON)-Lat 26-44-30, long 81-09-00. (6-17). See page 136.
ST. AUGUSTINE ARPT-All lighting facs inop. (5-19)
**SEBRING AIR TERMINAL-Formerly carried as Hendricks Fld. Bcn, bndry, range, obst, blood, and rnwy ctc lgts prior req. See page 134. Lat 27-27-15, long 81-20-30
STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)
SUNNY SOUTH ARPT (MIAMI)-Lgtd for student ngt flying. Closed to trans acft. (5-13)
TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)
TAMPA-RADIO: 116.1 mc transmitter and 122.1 mc rcvr temp inop. (5-9)
TAYLOR FLD (OCALA)-Use rnwys only. (1-23)
TITUSVILLE-COCOA ARPT-Use rnwys, taxiways only (acft sand) (5-8)

FLORIDA :TYNDALL FLD (PANAMA CITY)-RADIO: Army range unreliable. (4-18)
**VERO BEACH ARPT-Crash facs not avail. on line. Rnwys 11-29,3L-21R,7L-25R, 18-36 closed (repairs). (5-21) Double end clear and green rot. bcn, loc E side of fld. Comm Jun 13. See page 134.
**VENICE AUX. ARPT-Formerly carried as Venice Mun. Arpt. (6-17) See page 134.
**VENICE MUN ARPT-Formerly carried as Fette Aircraft Service. (6-17) See page 134.
WAKULLA ARPT-CLOSED (soft sand). (5-22)
WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)
WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)
**WIMAUMA ARPT-ABANDONED. (6-17). See page 134.
WITHAM FLD (STUART)-Use rnwys only. (2-12)
GEORGIA :ALBANY ARPT-Use rnwys only. (6-16)
**ATLANTA ARPT-134' lgtd water tank erected 1 mi E. (6-18) Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. Twrs of Rdo Stn WSB 12 mi NE being dismantled, lgtd. 25' lgtd bldg near N end N/S rnwy. N portion of N/S rnwy extending down to the E/W rnwy obscured from twr and is closed to all traffic except acft with 2-way rdo in commun with twr. Pilots land at own discretion. (6-18)
★ATLANTA NAS-RADIO: June 11, W course of Navy range realigned to 107°. Flight-checked, courses correctly aligned. FLD: Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (4-16)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)
CALLOWAY ARPT (LA GRANGE)-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CARROLLTON ARPT-Equip. on fld. (5-12)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)
COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. (1-18)
JESUP AIRPORT-Const. (2-3) These data rcvd too late for ① symbol.
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9).
★LAWSON FLD (COLUMBUS)-RADIO: Army air/gnd stn discont transmitting on and guarding 4765 kcs. (6-9) FLD: MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2,32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32. (4-30)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
MALCOLM-McKINNON ARPT (BRUNSWICK)-Equip. on fld days. (6-2)
MARIETTA AAF-No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers Bldg 200 yds N intersection Rnwys 10 and 15. (5-19)
MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.

[redacted]: MUSCOGEE CO. ARPT (COLUMBUS)-Wind tee tied day and ngt when wind is 12 mph or less. Free swinging over 12 mph. (5-16)
★ROBINS FIELD (WARNER-ROBINS)-RADIO: Army air/gnd stn now in oper on 4765 kcs in addition to freqs previously published. (6-18)
SAFFOLD ARPT (SAVANNAH)-2500' ESE/WNW strip under const. (4-2)
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear.330°. (4-22)
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used on ly by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage)(4-8)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn temp inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld)(1-16)
[redacted]: BOISE ARPK-Right traffic for NW landings and take-offs. (5-21)
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil except for taxiing. Extreme ctn while taxiing thru this area. (6-2)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips (2-22)
COEUR D'ALENE-RADIO: Rng figt-checked June 2, courses correctly aligned.
GOODING ARPT-Use strips only-sod unsafe (erosion)(3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. Equip.on fld days. (6-3)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)
[redacted]: ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const.-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates right traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. (2-12)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const)(3-3)
CHICAGO-RADIO: VHF omni-directional rng comm without voice oper cont. Lctd at lat 41-43-45, long. 87-50-25. Freq. 115.5 mcs. Ident. "CG". Class: VORW . CTN - UNMONITORED.
CHICAGO ARPT-RADIO: GCA temp inop. (6-16) FLD: Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L, 36R, 27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Term. Bldg. upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway. Ctn when taxiing.Ramp in front of new Terminal Bldg being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
**CHICAGO-ORCHARD ARPT (CHICAGO)-660' twr rdo stn WEBM, 2.5 mi WNW (285° true) erected and lgtd. (6-12) 14 approach lgt standards approx 5' in height being const 85' left of center line NW/SE rnwy extending 1500' NW from NW end of rnwy. Will be mrkd by 3 flares 1 each on both ends of all. 1 on center standard during const. (6-10) Landing fees same as Chicago Arpt. Trans acft register in city office S side fld. Glide path bldg 800' SE of NW end NW/SE rnwy 400' SW. Lclzr bldg 950' SE of SE end NW/SE rnwy. (6-4)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W hndry rough. (3-28)
JOHNSBURG ARPK-Equip. on fld. (3-16)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PAL-WAUKEE ARPT (GLENVIEW)-250' Goodyear Blimp based on fld until approx. Aug. 10. Stationary mooring mast 45' high with a single obst lgt lctd on the NE side of the fld, approx. 300' from existing rnwys. Blimp unlgtd, but riding lgts will be turned on upon the approach of acft. Pilots req to avoid use of rnwys during the 10 or 15 min. period which will occur twice a day when the blimp is landing or taking off. (5-31)
PEORIA ARPT-Equip. on fld. 0800 to 1630 daily except Sun. (5-10)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather. and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. (4-5)
SPRINGFIELD MUN. ARPT-New arpt under const 3 mi NW of Springfield. Will be completed approx Aug. 9. Gaps in paving at intxn of rnwys. P-line crossing SE end NW/SE rnwy. Equip. on fld. Pilots advised not to land. (6-17)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Use strips only. (6-10)
WAUKEGAN ARPT-NW/SE, E/W strips usable except in extremely wet weather (5-13)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)
[redacted]: ANGOLA-RADIO: VHF omni-directional rng comm without voice. Oper cont. Lctd at lat. 41-39-18, long. 84-57-00. Freq. 114.3 mcs. Ident. "AH" Class: VORW. CTN - UNMONITORED.
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwys lgts 9-27 inop. Tetrahedron uncontrolled.(4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BLOOMINGTON ARPT-Turf sparse-soft when wet. (5-19)
BRIGHTWOOD ARPT (INDIANAPOLIS)-E end E/W strip under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-19)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTON ARPT-Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (5-19)
COLUMBUS MUN. ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
**DELAWARE ARPT (YORKTOWN)-Formerly carried under Muncie.

INDIANA: EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. (5-5)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn. (5-1)
HOOSIER-PARK ARPT (INDIANAPOLIS)-NW/SE, NE/SW stripe closed. Area immediately adj to these strips avail. for traffic. (5-22)
HULMAN FLD (TERRE HAUTE)-Erosion on outer edges of fld. Lgt acft use sodded area in triangle bounded by rnwys. Ctn in wet weather. (5-15)
HUNTINGTON MUN ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
INDIANAPOLIS-RADIO: GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW of Runway 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105,4495,6210, 3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Rdo or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper rdo range with 5 lgtd 131' twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U", tone 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Use rnwys only. Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 16L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 16; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy,all lgts ngts. Exper slope line (glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy ctr lgts. No mil svcg-use Stout Field. 20' elevated gaseous tube directional taxi mrkr lgts showing a blue lgt when lgtd. 5 on exper stn taxi strip and 15 on short N/S rnwy and the 2 short E/W taxi strips leading therefrom to Admin Bldg apron. (6-10). Right traffic pattern for acft landing on grass to the right of rnwy in use; left for acft landing on grass to left of rnwy. Acft landing on rnwys use left traffic pattern unless otherwise advised by twr. (5-22). Exper bcn atop Admin Bldg rot. at high speed counter clockwise operating during IFR days only. (6-18)
McCOOL INT, SITE 3, CG-LG-Pwr poles approx 460' S of the S end of the N/S rnwy, fone line along the S side of Hwy #6, 50' silo 1160' W of watchhouse, all unmrkd. Green bndry lgts #17 and 28 changed to clear. (5-27)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (5-19)
MORGANTOWN-RADIO: FM formerly on S course Indianapolis Range will remain in oper on exper basis. (11-8)
MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)
PLYMOUTH ARPT-E/W, NW/SE strips avail. ENE/WSW strip closed-newly seeded Condition will be in effect throughout the summer. (5-19)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld, then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. (6-17)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft when wet.Const area mrkd. (5-19)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft when wet. (5-19)
SOUTH BEND-RADIO: VHF omni-directional rng comm without voice. Oper cont. Lctd at lat. 41-46-05, long. 86-19-05. Freq. 112.3 mcs. Ident. "SN". Class:

INDIANA: VORW. CTN - UNMONITORED.
SOUTH BEND-Barrage balloon over S central portion of South Bend. Max height 500' above gnd. Aloft 0700 until 1700 daily. (5-27)
STARKE CO. ARPT (KNOX)-N/S strip soft-loose sand. Avail. lgt acft only. (5-19)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (5-22)
TRI-STATE ARPT (ANGOLA)-N/S strip closed (const). (5-5)
URSCHEL FLD (VALPARISO)-Strips soft in wet weather. (5-19)
WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather. (5-5)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No wind conditions land to W. (5-8)
[redacted]: CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
**DES MOINES ARPT-Lat. 41-32-00, long. 93-39-15. See page 40. Entire area off rnwys E or N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. NG svcg not yet avail. Equip. on fld. Movable boom variable height 25 to 45' days, flagged. Excavation off sides of N/S taxi strip approx 200' N of S end of strip, mrkd. (6-9)
DUBUQUE ARPT-CLOSED (flooded)(6-13)
ELKADER ARPK-N/S strip newly graded and seeded. (5-29)
HUNTER FLD (CEDAR RAPIDS)-NE/SW rnwy under const-closed. Land on other rnwys only. Equip. on fld. (6-14)
IOWA CITY ARPT-Closed ngts. Sod adj rnwys, taxi strips freshly seeded. Lgts being installed. Const until approx July 13. Trenches 3' deep adj all rnwys, mrkd. Equip. on rnwys. Rnwys will be cleared for air carrier landings. New bcn 250' E of N/S taxiway, mrkd by red lanterns ngts. (6-13)
LAMONI INT, SITE 10, KC-MP-Unsafe (soft). (4-16)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)
OTTUMWA NAS-S landing mat closed (helium bottles on mat). Use rnwys only. (5-6)
SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. (4-30)
[redacted]: ALLMAN ARPT (LENEXA)-Use strips only. (4-2)
ATKINSON ARPT (PITTSBURG)-Const, mrkd. (4-27)
ATWOOD ARPT-Soft when wet. (3-26)
BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
DODGE CITY ARPT-Blinding ceilometer installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)
FAIRFAX FLD (KANSAS CITY)-Only 100 oct. avail. (6-13)
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDE N CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND ARPT-Rnwy sides soft when wet. (2-21)
HUTCHINSON MUN ARPT-Heavy acft use rnwys only. Tetrahedron unlgtd. (5-1)
HUTCHINSON NAS-CLOSED - no facs. (11-25)
INDEPENDENCE AAF-Closed to all acft.except on off. bus. or emerg. Only N/S rnwy nearest ramp avail. (6-23)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (4 (3-4)
LARNED MUN ARPT-SW 1/3 of NE/SW and NW/SE strips muddy in wet weather. S 1/2 N/S strip under const. (3-19)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mile radius centered on Olathe Range station.
OLATHE NAS-Closed 1800 to 0800-flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only-no facs.

[redacted]:OLATHE OLF NO. 4-Use in emerg only - no facs.
OLATHE OLF NO. 7 -Use in emerg only - no facs.
OLATHE OLF NO. 9 -Use in emerg only - no facs.
★PHILLIP BILLARD ARPT (TOPEKA)-RADIO: CAA twr now transmits on 278 kcs., 118.5,126.18 mcs. (6-18)
SATANTA ARPT-Strips soft in wet weather. (2-19)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic Strips 12,15; right traffic Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA AAF-Closed to all trans mil acft except on off. bus. or in emerg. (6-2)
★WICHITA ARPT-RADIO: Middle mrkr of CAA ILS now monitored. (6-10) FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (4-29)
WICHITA AUX. ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from the use of the fld. (4-19)
[redacted]:ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)
BOWLING GREEN ARPT-Use rnwys only. (4-7)
**CAMPBELL AAF (HOPKINSVILLE)-No lgts. (6-11) See page 90. Ext const. Rnwy 4-22 only avail. (6-1)
GODMAN FLD (FORT KNOX)-RADIO: Army rng unreliable; use primarily as homing fac. (4-5) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (4-17)
GREATER CINCINNATI ARPT (COVINGTON)-Lgts not controlled from twr. Lgts inop Rnwy 13-31. (6-17)
JODY FLD (LONDON)-Const- Use rnwy N of hangars only. (4-26)
LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)
PADUCAH-McCRACKEN CO. ARPT-Bcn, ctc lgts oper from dusk till dawn daily. Only NE/SW rnwy lgtd ngts. (6-18)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)
★[redacted]:BARKSDALE FLD (SHREVEPORT)-RADIO: Army ILS (CAA type) now in cont oper. Glide angle 2-1/2°. See page 112. Army ILS (SCS-51) opers 0700-1900 daily for pilot training. (6-13) FLD: Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)
COMMERCIAL ARPT (HODGE)-Unsafe (rutted). (6-10)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
COVINGTON INT, SITE 3, NO-LS-Equip. on fld. (6-20). These data rcvd too late for ⓪ symbol.
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base.
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strip only. Smudge pots avail. on prior arrangement. Unlgtd pole lines S and E side fld. Right traffic when landing S & W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE(55° true) Will be lgtd upon completion. (3-24)

[redacted]:MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Control line not installed at CAA ILS. Middle mrkr unmonitored. (6-20) FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop. (5-12)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic, and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. Equip. on all rnwys. Fld on positive control. (5-18)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1- 1.4 mi S within approach zone N/S rnwy lgtd. 165' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. Equip. on fld days. (5-13)
[redacted]:AUGUSTA-RADIO: Rng figt-checked June 20, SE course displaced 3° SW, bear 312°. Stn lctd mrkr has lobe in it-use with ctn. (6-20). These data rcvd too late for ⓪ symbol.
AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
DOW FLD (BANGOR)-RADIO: ILS in operation, but temp unmonitored. (6-27) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Exten ngt flying opers every ngt from 2000 to 2300. P-47 type acft operating CFR stacked from 3000' to 10,000' all quadrants except S. (5-28)
FARMINGTON ARPK-After heavy rain land to W side strip. (4-23)
★HOULTON-RADIO: CAA Commun Stn comm June 13. Manned 0700 to 1500. VHF voice fac avail. on 116.1 mcs.
LEWISTON-RADIO: Rng figt-checked June 10, courses correctly aligned.
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Rng figt-checked June 10, courses correctly aligned. Auto. rng monitor. sys temp inop (5-26)
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop.(2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (4-29)
PRESQUE ISLE AAF-RADIO: Army VHF/DF and HF/DF stns temp suspended. (5-16) Bndry mrkr of CAA ILS will be decomm soon. FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC Flights. Svcg trans acft 0800 to 1700 only. (5-16)
SCARBORO ARPT-CLOSED (soft). (3-31)
WESTON FLD (MADISON)-Avail. emerg only. (4-2)
**[redacted]:ANDREWS FLD (CAMP SPRINGS)-RADIO: Army ILS temp inop. Usual hrs of oper: Cont during IFR; 0800 to 1700 Mon thru Fri or on 30 min req other hrs. (6-17)
★BALTIMORE-RADIO: June 23, MRL fac converted to simultaneous oper. Concurrent with this conversion courses realigned as follows: 15°, 105°, 195°, 285°. Freq, and ident. remain unchanged. Stn class: SMRLZ-DT. These data rcvd too late for charts and data page. Gnd-checked only. W course displaced 3° S, bear 103°.(6-22)
BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W, and SW

[redacted] of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise.
BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services ayail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operated Mon thru Fri 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
FREDERICK CITY ARPT-CLOSED (water main running across arpt being removed).
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
KENT ARPT (WORTON)-Landing area under const. (3-17)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches adj Rnwy 9-27, mrkd. Equip. on fld. Obst SE end Rnwy 13-31. Ctn-land long on rnwy. (6-6)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000'. Approach from N only, flying a heading of 200° from Aberdeen to fld. Heavy traffic rnwys. Rnwy 4-22 closed. (5-20)
SALISBURY-RADIO: Commissioning of VHF rng indef. postponed. (5-5)
SALISBURY ARPT-Use rnwys only. (2-17)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
**WEBSTER FLD (BEACHVILLE)-Formerly carried under Priest Point. Closed except on 24 hr. notice.
[redacted]:AGAWAM-Two searchlgts being operated from Riverside Park dusk to midngt May 30 to Sept 7 . (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' tank 5500' SW, lgtd-temp painted grey. No ctc lgts. (6-12)
**BEDFORD AAF-RADIO: Ident. of Army H fac changed to "BED". (6-12)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (5-17)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS placed in cont oper June 10 for pilot training and familiarization purposes only. Lclzr lctd 950' NE of NE end of Rnwy 4-22 on extended centerline. Freq. 110.3 mcs. Ident. "BW". Glide path freq 335 mcs. Angle 2.5°, lctd 1000' NE of SW end of Rnwy 4-22 and 550' SE of rnwy centerline. Middle mrkr 1.40 mi from SW end Rnwy 4-22 on extended centerline keyed alt dots and dashes; outer mrkr lctd 5.67 mi from SW end of Rnwy 4-22 on extended centerline keyed two dashes. Outer compass lctr at outer mrkr site on 203 kcs., ident. "G". Comm date of this fac for regular oper indefinite, pending completion of const and removal of const equip. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning [redacted] at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. NE 100' Rnwy 7-25 unsafe. Old Rnwy 15-33 closed except for taxiing. (5-26) 2 unlgtd 374' stacks lctd S. Boston Base 7900' from S end Rnwy 4-22. ILS lclzr path lies within 1500' of stacks- ctn. (6-17)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
**MARTHA'S VINEYARD-Circular danger area centered at lat 41-24-30, long 70-27-18 has been discont.
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT (BERKLEY)-Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true). (4-12)
ORANGE ARPT -High grass NW end fld. (5-17)
OTIC OLF (FALMOUTH)-Use in emerg only (caretaker status- no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (4-21)
**SQUANTUM-Circular danger area centered at lat 42-16-30, long 70-45-40 has been discont.
SQUANTUM NAS-Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on rnwy 2-20, 150' S intersection rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
WESTFIELD-RADIO: Sharp bend 5 mi S of rng stn on 27° inbound leg. Condition intermittent. (5-26)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (CAA type) lclzr, Rnwy 24, unreliable. (4-23) HF/DF stn temp suspended. (5-22) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report ot Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. (2-19) Red bcn atop Mt. Nanatuck inop. (6-5)
[redacted]:ABRAMS ARPT (GRANDLEDGE)-Soft during wet weather-freshly seeded. (4-24)
ADRIAN CITY ARPT-SW corner fld unsafe for landings and take-offs. (4-28)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (5-23)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
**BISHOP ARPT (FLINT)-Three 170' twrs rdo stn WWOK 4.5 mi E (82° true) erected and lgtd. (6-9) Use rnwys only-soft. Unmrkd acft parked on fld within 500' of bldgs. (6-9)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx

[redacted]: 200' S of centerline of approach. Wind tee temp removed. (4-26)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
DETROIT-RADIO: Compass locator temp inop. (6-7)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (5-23)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRIDLEY ARPT (YPSILANTI)-Strips reseeded, unusable when cross is displayed. Use E/W sod patch. (4-24)
**GROSSE ILE NAS (DETROIT)-Formerly carried as Detroit NAS. See page 140. Closed 1700 to 0800. (9-14)
**HOUGHTON SANDS ARPT (HOUGHTON)-Formerly carried as Isle Royale Sands Arpt. (4-1) See page 16
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld indefinitely. (4-24)
KENT CO. ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs or over use rnwys only. Rot. bcn on Admin Bldg will be inop until approx June 27 during twr const. (5-23)
LINDBERGH MUN. ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (5-23)
**LORETTO ARPT-Formerly carried as Norway Township Arpt. See page 16.
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MOUNT PLEASANT ARPT -Sod strips soft during early spring months. (4-24)
MUSKEGON CO. ARPT-Use rnwys only-rough. (4-24)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Use NW/SE strip with ctn-sand surface. (4-24)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys. (3-21)
PLANE HAVEN ARPT (STANTON)-CLOSED. (5-23)
ST. CLAIR CO. ARPT (PORT HURON) -Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. Equip. on fld. (4-24)
★SAULT STE. MARIE-KINROSS-RADIO: H fac without voice comm June 15, approx 15 mi SW of Sault Ste Marie, at lat 46-15-30, long. 84-28-00. Freq. 239 kcs. Ident "KNR". Opers cont. Modulation 1020 cps. (6-16) These data rcvd too late for inclusion on chart and data page.
SAULT STE MARIE ARPT- Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army range will be relctd soon. (5-20)
SKYHAVEN ARPT (SAGINAW)-CLOSED (const). (4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (4-24)
TRAVERSE CITY A RPT-Use rnwys only. (6-9)
TRI CITY ARPT (FREELAND)-Airshow June 28 and 29. Closed 1300 to 1630 both days. (6-14)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, sof t after heavy rains. (4-15)
WASHTENAW ARPT (DEXTER)-Use rnwys only. (2-20)
WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (4-7)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip on fld. Trucks on NE/SW strip. Pilots must register with Ramp Control Supervisor on arvl and check out on dptr. Graduated scale of landing fees in effect for all revenue producing trans acft. (6-17)
[redacted]:AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)

[redacted]: BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
COLERAIN ARPT-Slightly rolling. Const. on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. Const. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
DULUTH ARPT-Use rnwys only. (11-8)
FARIBAULT ARPT-Closed to all acft weighing over 5000 lbs. (5-16)
**FLYING CLOUD ARPT (MINNEAPOLIS)-20' flash. rot. bcn with horizontal and vertical beam lctd on E edge of fld, placed in oper June 15, 1947. See page 13. Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
KENYON ARPT -N/S strip slopes to the N, NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
**MARSHALL ARPT-20' flashing rot. bcn with horizontal and vertical beam lctd SSE corner of fld comm June 15, 1947. See page 12. Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-26)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed. (const). (6-20)
PRINCETON ARPT-Use N/S strip only. (5-12)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-Use rnwys only. Bal fld planted in grain. (4-30)
UNIV. OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center- parked acft.
VIRGINIA ARPT-Rough. (4-1)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Heavy acft use rnwys, taxiways only-soft. (4-30)
[redacted]:BASS FLD (LULA)-Landing area rough. (11-13).
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-29)
GRENADA ARPT-NE/SW rnwy closed. (6-26)
GULFPORT MUN. ARPT-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1- 1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-11)
JACKSON CO. ARPT (PASCAGOULA) -Trans acft use rnwys only- drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-26)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Entire fld and surrounding obst unlgtd except rot. bcn, N/S rnwy lgts and a few lgts on the NE/SW rnwy. (5-26)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
McLAURIN ARPT-Unusable-strip washed out by rain. (4-29)
**NORTH JACKSON ARPT (JACKSON)-Lat 32-22-00, long 90-09-15. See page 114
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)
**PARKER AND DOWDLE FLD (COLUMBUS)-ABANDONED. (11-20)
**STINSON FLD (ABERDEEN)-Lat 33-51-00, long 88-35-30. See page 114.
TATE ARPT (LELAND)-Soft when wet. (4-24)
TUPELO ARPT-Equip. stakes on fld. (1-2)
**WINONA MUN. ARPT-Lat 33-28-15, long. 89-43-15. See page 114.
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, bal fld soft. (2-17)

MISSOURI: ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to S.
**BAILEY'S ARPT (BROOKFIELD)-Use strips only. (6-13)
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
**COLUMBIA ARPT-No flood lgts. (6-3). See page 40. Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld days. (6-3)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only-parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: CAA ILS lclzr has low clearance spots or false courses 90° E of front course and 50° W of front course. Glide path and middle mrkr temp unmonitored. (5-23) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft. use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. 13' lgtd structure lctd 75' W of centerline at S end of N/S rnwy. Levee has been raised to 20' above fld level 200' off S end of N/S rnwy unlgtd. Five 300' twrs being erected 14 mi NNE (22° true), temp obst lgtd. (5-28)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-29)
★LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Middle mrkr of CAA ILS temp unmonitored. Glide path operating on test basis, monitored. Lclzr recomm with voice fac and ident. "LS". Gnd-checked only. FLD: Closed to non-rdo equipped acft. Soft oil rnwys-avail. lgt acft. SW taxi strip closed. Apron NW corner fld and approach end Rnwy 7 closed. Rnwy 16-34 closed. Rnwy 6-24 closed from W end thru intersection Rnwy 16-34. 4100' Rnwy 6-24 avail. Equip. at intersection Rnwys 6-24, 16-34 days. Port. rnwy lgts on Rnwy 7-25. Const in progress on new rnwy 1500' SE of intersection Rnwys 6-24 and 16-34, thru intersection to approach end Rnwy 7. Trucks crossing approach end Rnwy 7 days. Const areas lgtd ngts. All Navy facs closed to all trans acft except off. orders and emerg less cross country training. (6-5)
MARYVILLE MUN. ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs)
ROLLA ARPT-Unsafe heavy acft (soft). (1-15)
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
**SIKESTON ARPT-Lat 36-54-00, long. 89-33-45. See page 88. Use rnwys only-parked acft.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-S 1/3, N/S and E 1/3 E/W strips unsafe heavy acft (soft) (5-5)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)
MONTANA: BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
DEER LODGE ARPT-Equip. on fld. Avail. with ctn. (6-3)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. (2-25)
LIVINGSTON INT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
MILES CITY ARPT-Bndry lgts inop. NW and NE floodlgts inop. (5-7)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)
NEBRASKA: CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather. (3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. (3-10)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HARMON ARPT (KEARNEY)-Ctn in wet weather. (6-9)
HASTINGS ARPT-Use strips only-sbft. (5-24)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office. (3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (5-1)
McCOOK AAF-Soon, all obst lgts will be inop on 180' twr 2.9 mi SE of NW/SE rnwy. NW/SE rnwy avail. only. (4-23)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
OMAHA ARPT-RADIO: About June 26, lclzr and glide path of CAA ILS will be inop until approx July 3. When oper resumed voice and ident. features of lclzr will be operative. (6-18) FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)
SIDNEY MUN. ARPT-Soft in wet weather. Equip. on fld. (6-18)
**STECKLEY ARPT (WEEPING WATER)-ABANDONED. (6-12)
NEVADA: BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Bndry lgts inop. (6-2)
**BOULDER CITY ARPT-Lat 35-58-00, long. 114-50-45. See page 78. SW end NE/SW rnwy unusable. Equip. on fld days. (6-12)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
GOODSPRINGS-RADIO: FM temp inop. (6-19). These data revd too late for ⓪ symbol.
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS-RADIO: Mar 3, VHF range comm cont on test basis at lat 36-11-06, long. 115-05-48. Bear. and dist, stn to McCarran Fld: 24°, 4.2 mi. Freq. 109.1

[redacted] mcs. Ident. "LG", Courses: visual: 29°, 209°; aural: 119°,299°. Mag. var: 16° E. Simult voice channel and revg watches avail. 24 hrs daily. Stn class: VAR-DTV. Stn now gds 3117.5 kcs, 116.1,.122.1 mcs. Disregard spurious signals.

LAS VEGAS AAF-RADIO: Glide path of CAA ILS inop. (6-3) FLD: Bndry, rnwy range lgts in cont oper ngts. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)

**MANHATTAN ARPT-Lat 38-34-30, long. 117-10-15. See page 76.

TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)

★TONOPAH AAF-RADIO: Army air/gnd stn now in oper on 4765 kcs. (6-4)

VENTOSA INT, SITE 48, SF-SL-About June 30, site will be perm discont. All lgts will be discont and fld no longer maintained. (6-13)

YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)

[redacted]: BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)

BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)

CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)

DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)

GRENIER FLD (MANCHESTER)-RADIO: Army ILS temp inop. (3-6)

HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)

LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)

LAFAYETTE ARPT (PORTSMOUTH)-CLOSED (emerg use only). (5-6)

LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)

★LEBANON-RADIO: CAA commun stn comm June 19. Stn manned only from 0700 to 2300. MH fac oper cont without voice, from 2300 to 0700. These data rcvd too late for chart and data page.

NEWPORT ARPT-60' trees N end N/S strip. (10-9)

**WHITE MTN AIR TERMINAL (WHITEFIELD)-Formerly carried as Whitefield Arpt.

[redacted]: **ALAMONESSON (BLACKWOOD)-Formerly carried under Almonesson.

ATLANTIC CITY-RADIO: VHF rng inop. (6-6)

ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)

ATLANTIC OCEAN-Over-water bombing practice approx 40 mi off shore will be conducted at the following positions: lat 39-47-10, long. 73-26-00; lat 39-22-00, long. 73-25-00. This activity has not yet been cleared with Airspace Sub-committee.

★CALCO STACK-RADIO: June 19, H fac placed in cont oper at lat 40-43-00, long. 74-08-21. Freq. 347 kcs, ident. "V". Class: MHW. Bear and dist, rng to H fac: 58°, 3.7 mi. Figt-checked, oper normal. These data rcvd too late for chart and data page.

CALDWELL-RADIO: VAR range will be comm soon at lat 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)

CALDWELL-WRIGHT ARPT (CALDWELL)-Right traffic when taking off and landing from SW. (4-24)

CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs)

COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)

HADLEY ARPT (NEW BRUNSWICK)-Use only cinder rnwys in wet weather. (2-27)

LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16).

**LAKEWOOD ARPT-Lat 40-04-00, long. 74-10-15. (4-1). See page 70.

LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)

★LINDEN-RADIO: June 19, H fac placed in cont oper at lat 40-37-49, long. 74-15-33. Freq. 359 kcs, ident. "Q". Class: MHW. Bear. and dist, rng to H fac: 238°, 5.0 mi. Figt-checked, oper normal. These data rcvd too late for chart and data page.

LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)

LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

[redacted]: MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)

**MILLVILLE ARPT-NW/SE rnwy hazardous. (5-8) Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)

NEWARK-RADIO: Rng figt-checked, courses correctly aligned. Severe multiples all courses. (6-20)

NEWARK ARPT-RADIO: CAA ILS figt-checked June 10, Glide path oper normal. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-23) FLD: To reduce acft noise over Newark residential area and avoid tall bldg section: 1. Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. 3. Make a half left turn as soon as practicable in take-off to W. 4. Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tanks lctd in Harrison when making a S approach to the N/S rnwy. (9-7) Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E of and parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip. Rnwy 1-19 closed. No maintenance facs mil acft.(6-17)

**OCEAN COUNTY ARPT (ADAMSTON)-Will hereafter be carried under Breton Woods (6-16). See page 70.

OCEAN COUNTY ARPT (BRETON WOODS)-Const NE/SW strip. (2-25)

RED BANK ARPT-Area starting from hwy W 1200' to the intersection of the N/S strip unusable. Closed to acft over 10,000 lbs except by prior fone arrangements. (6-5)

SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)

TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo revrs rqrd all acft using fld. Unsurfaced taxiways rough. 400' min. ceiling with 1 mi visibility authorized for non-scheduled air carrier take-offs. under IFR conditions. S taxi strip closed-const. Rnwy 6 closed to all trans acft-const. (6-16)

[redacted]: ALAMOGORDO AAF-RADIO: Army range inop. (6-6) FLD: Wind tee inop. Closed to all trans acft except on orders from CG, AAF; CG, AMC; or CG, SAC. Acft will not carry passengers not listed on orders to this fld. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (6-6)

ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)

CLOVIS AAF-RADIO: Army rng, twr to be discont soon. AACS, air/gnd stn will remain in oper. (5-27). Army twr opers in emerg only. (6-23) FLD: No opers office. Emerg landings only ngts. (5-21)

CONDRON FLD-See notice under White Sands Proving Ground, N.M.

CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)

GALLUP ARPT-E/W rnwy closed. (3-18)

GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)

HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)

JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)

★KIRTLAND FLD (ALBUQUERQUE)-RADIO: Army air/gnd stn now operates on 4765 kcs in addition to freqs previously published. (6-10) CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-5)

LAS VEGAS-RADIO: Soon rng will be shut down days for installation of auto. rng monitor sys. (6-3)

[redacted]: LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
LOS ALAMOS AIRFLD-Closed. Landing permission must be obtained from the Area Manager, United States Atomic Energy Comm., Santa Fe Area, P.O. Box 1539, Santa Fe, N.M. (5-15)
LOVINGTON ARPT-Cattle on fld. (9-16)
MADDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
OTTO, INT, SITE 74, LA-AQ-Unsafe lgt acft-rough. (6-18). These data rcvd too late for (0) symbol.
PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst train. on Roswell Radio Range below, above and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-16)
TULAROSA ARPT-Use E/W strip only. (9-16)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)
[redacted]: AERO LAKE SEAPLANE BASE (KINGSTON)-Right traffic when wind is from the N. (5-27)
ALBANY ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-22) FLD: Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-CLOSED (soft). (4-11)
BATH-H'SPORT ARPT (HAMMONDSPORT)-W landings and take-offs right traffic, E left traffic. Use strips only-newly seeded sod, slippery when wet. (5-28)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO-RADIO: Rng flgt-checked May 30, NE course 4° NW, bear. 226°.
BUFFALO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-26). FLD: Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. (5-30)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control local traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT Fld soft. Closed to trans acft. (3-8)
COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)
**COUNTY ARPK (SPRING VALLEY)-Formerly carriedas Spring Valley Arpt. (2-17) See page 54.
FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)
FLUSHING ARPT-Right traffic on N and NW, wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Unsafe heavy acft-soft. Lgt acft use ctn. (4-5)
FULTON ARPK-Right traffic when landing S and SE. (3-31)
GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud). (4-10)
**GREAT SOUTH BAY (LONG ISLAND)-Circular caution area centered at lat 40-42-30 long. 73-00-16 has been discont.
**HAYES ARPT (BLASDELL)-ABANDONED. (6-7). See page 50.
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)

[redacted]: IDLEWILD-RADIO: CAA ILS comm Apr 9. for purposes of pilot training and familiarization only. Hrs of oper: 8:30 to 5:00 Mon-Fri. Serves Rnwy C (ENE/WSW) with approach from WSW. Mag heading for landing: 72°. Lclzr freq. 109.5 mcs. Ident. "NY". Glide path freq. 332.6 mcs. Angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed two dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt permitted during simulated approaches will be 200'. (4-11)
IDLEWILD ARPT-Not yet opened-const. (3-13)
ISLIP-RADIO: Comm of VHF rng has been indefinitely postponed. (5-2)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON ARPT-Right traffic when wind from S. (5-27)
KINGSTON-ULSTER ARPT-ESE/WNW strip closed. (3-20)
LA GUARDIA FLD (NEW YORK)-RADIO: ADF approach control inop until approx July 1 due to modification of commun and approach control equip. During this period IFR arvl acft will be under the control of New York Air Route Traffic Control Center. Air traffic control clearances will be delivered thru CAA Commun Stns or respective Airline Co. rdo facs. (6-20) CAA ILS flgt-checked June 11, glide path oper normal. Training and test period of GCA equip. inaugurated May 29. Equip. avail. 24 hrs daily during CFR weather conditions only. Voice call: "LaGuardia GCA". Guards 3105,6210,3117.5 kcs., 118.7,140.58 mcs. Transmits on 118.7 mcs. Pilots desiring practice GCA runs advise La Guardia GCA when 20 mi from La Guardia Fld. During periods of CFR weather only twr freq. 118/7 mcs reserved for service test of La Guardia GCA. All traffic calling La Guardia twr use other assigned freqs. (6-8) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-25) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ. ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall hot be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. 25' derrick operating in Bowery Bay vcnty of approach to Rnwy 9 until approx July 25, lgtd. (6-10) Port of New York authority advises that no four-engine acft carrying passengers or cargo shall use Rnwy 18-36 for landings or take-offs. (6-5)
MacARTHUR FLD (ISLIP)-Mobile ILS units 20' high on all rnwys 500' from rnwy centerline, lgtd. Acft use ctn-unconventional flight test oper. Equip. on fld daylgt hrs. (2-21)
MASSENA-RADIO: VHF range unmonitored.
MASSENA-156' twr Rdo Stn WMSA lctd 3 mi SW (232° true) temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level.
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
MITCHEL FLD (HEMPSTEAD)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24). FLD: Rnwy 18-36 closed. (4-25)
**MORAVIA AIRHAVEN-ABANDONED. See page 52.
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK ARPT-CLOSED. (3-10)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-15; thence to poing of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

[redacted] NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 152.

NEW YORK-SPECIAL NOTICE-All aircraft operating in the vicinity of Upper Manhattan, New York City, New York, avoid flying over or near Lewisohn Stadium, 137th and Amsterdam Ave., between the hrs of 2000 and 2300, June 16 to Aug. 9, lctn just E of the Hudson River Midway between the NW corner of Central Park, and the E end of the George Washington Bridge. (6-20)

NEW YORK CITY-See Special Notice "Restriction on Flight of AAF aircraft in New York City Area".

NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2100 to 0700. (6-16)

OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)

PENN YAN ARPT-Ctn at N/S and E/W intxn. Soft in wet weather. (3-4)

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)

REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)

RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather.(3-27)

ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days.(2-24)

ROCKLAND ARPT (NEW CITY)-50' unlgtd pole immediate vcnty of arpt. (6-5)

ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-16)

ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)

SALAMANCA ARPT-SPECIAL NOTICE: The Common Council of the City of Salamanca passed brdinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft. Right traffic when taking off and landing into the W. (5-7)

SARANAC LAKE ARPT-Use rnwts, taxi strips only-turf rough. (11-27)

SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)

SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. 800' mtn directly N of fld. (5-5)

SCOTT FLD (LANCASTER)-CLOSED. (6-6)

SHAWNEE FLYING SERVICE (NORTH TONAWANDA)-Glider activity, including airplane and auto tow in progress during the summer and autumn months. (6-12)

SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn. (2-21)

SILVER CREEK ARPT-CLOSED (const) (6-12)

SMITHPORT INC. (UTICA)-Use paved rnwy only. (5-9)

**STEWART (MASSENA)-CLOSED. (11-6). See page 17.

STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR.(4-4)

SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. About Sept. 1, approach lgt lane will be comm E end E/W rnwy. (6-20)

TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

TROY ARPT-Bcn inop. (10-10)

UTICA-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-19). These data rcvd too late for (0) symbol.

UTICA ARPT-Pipe line installations NE side of fld, mrkd. Equip. on fld days. (6-19) These data rcvd too late for symbol.

VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)

WARREN CO. ARPT (GLENS FALLS)-Equip on fld intmtly. (5-27)

WATERTOWN-RADIO: VHF range unmntnd.

WERLE FLD (DUNKIRK)-Scattered ruts on fld, mrkd. (6-19). These data rcvd too late for symbol

WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip. trucks on fld. (4-15)

[redacted] **WESTCHESTER CO. ARPT (WHITE PLAINS)-RADIO: CAA twr now transmits on 260 kcs., 118.9 mcs. Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (6-6)

WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)

ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 jets are flying from Republic Fld. (5-8)

[redacted] ASHBORO ARPT-220' twr Rdo Stn WGWR being erected 6.5 mi NNE (13° true), temp obst lgtd. (5-14)

ASHEVILLE-RADIO: Apr 18, VHF range comm at lat 35-23-28, long. 82-32-44. Visual courses: 110°, 290°; aural courses: 20°, 200°. Ctn-rng unmonitored. Unattended and should not be used for navigational purposes. Freq. 108.7 mcs. Ident. "VP". Class: VARW. "N" signal to E. Blue sector to N, yellow to S.

ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No rdo facs. (1-7)

ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs)

BALLOON FIELD NO. 1 (FT. BRAGG)-CLOSED TO ALL ACFT. No Army maintenance.

BOGUE MCAAF-Use in emerg only (caretaker status-no facs). (4-16)

BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)

BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)

CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)

CHARLOTTE-RADIO: Rng flgt-checked June 17, courses correctly aligned.

**DOUGLAS ARPT (CHARLOTTE)-Ident of bcn changed from CE to CF. (6-11)

EDENTON NAS-Use in emerg only (caretaker status-no facs)

ELIZABETH CITY-RADIO: May 1, VHF range without voice comm at lat. 36-14-49, long. 76-17-25. Freq. 108.3 mcs. Ident. "ES". Class: VARW. Aural courses: 126°, 306°, visual courses: 38°, 218°. "N" signal to N. Blue sector to W, yellow sector to E. Operated on unmonitored basis, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 2, (5-2)

ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. Rnwy 5-23 closed. Equip. on fld. (6-13)

FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 95 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld will max alt of 2000' taking off by catapult, landing by parachute.

GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft. in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)

GREENSBORO-HIGH POINT ARPT-Both sides rnwy 32 to intxn soft, rutted. Use rnwys only. No Navy svcg facs. (3-25)

HICKORY-RADIO: VHF range, no voice comm at lat. 35-43-30, long. 81-16-48. Visual courses: 72°, 252°; aural courses: 162°, 342°. Freq. 108.3 mcs. Ident. "HO". Class: VARW. "N" signal to E. Blue sector to N, yellow sector to S. Ctn-unmonitored, unattended and should not be used for navigational purposes.

KINSTON ARPT-Avail. civil acft only in emerg. (11-13)

NEW BERN-RADIO: Visual-aural VHF rng completely shut down May 1, for freq. change. (5-22)

★OAK GROVE MCAAF (POLLOKSVILLE)-RADIO: Navy twr decomm June 12.

**FLD: No lgts, no serv. Limitive. (6-12). See page 96

POPE FLD (FT. BRAGG)-RADIO: Effect. Apr. 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army rng unreliable; all courses swinging and NW and SE courses too wide on on-course signal. (5-12) FLD: CLSD TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT. BRAGG. 73 oct. avail. that fld. (1-31)

★RALEIGH-DURHAM ARPT-RADIO: CAA twr now transmits on 272 kcs., 126.18 118.3 mcs. (6-10) About June 25, CAA twr freq will be changed to 266 kcs.,

NORTH CAROLINA: 126.18, 118.3 mcs. FLD: ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. Tetrahedron uncontrollable-free swinging. (6-21)

ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)

ROCKY MOUNT-RADIO: Apr. 22, VHF range without voice comm at lat. 35-59-00, long. 77-43-42. Aural courses: 174°, 354°; visual courses: 84°, 264°. **Freq. 109.1** mcs. Ident. "RI". Class: VARW. "N" signal to E. Blue sector to N; yellow **sector** to S. Ctn-not monitored, unattended and should not **be** used for navigational purposes. This corrects Airgi, Vol. 2, No. 3.

SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys **only-shoulders soft.**

SMITH REYNOLDS ARPT (WINSTON-SALEM)-N/S **rnwy lgts very dim. E/W rnwy under** const-closed. (6-[illegible])

THOMASVILLE ARPT-Ctn-strip rolling. **(3-25)**

WEEKSVILLE NAF-LTA-Avail. HTA **and LTA acft from 0800 to 1630, all other times by prior arrangement with the CO or Operations Officer. (2-27)**

WILMINGTON-RADIO: Apr. 22, VHF range without voice comm at lat 34-21-40, long. 77-53-30; aural courses: 146°, 326°; visual courses: 56°, 236°. Freq. 108.7 mcs. Ident. "VT". Class: VARW. Ctn-not monitored, unattended and should not be used for navigational purposes.

WINSTON-SALEM-RADIO: May 23, stn shut down for conversion to an SMRLZ fac. (5-23)

[redacted]: **BISMARCK-RADIO: 116.1 mc transmitter and rcvr temp inop.** (6-18)

BISMARCK ARPT-Use rnwys only. Crash and fire fighting equip. avail. 0800 to 1900 only. 12' bldg and trenching opers in vcnty SE end NW/SE rnwy, mrkd. Equip. on fld intmtly. (5-14)

CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)

DAWSON INT, SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld)(3-24)

****FARGO-HECTOR FLD (FARGO)-Permanent obstn glide path bldg 400' W of intxn; on N/S and NE/SW rnwy, mrkd days by red flags, ngts by lanterns. (6-18).**

Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (6-18)

GRAND FORKS ARPT-Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders. (5-6)

PEMBINA INT, SITE 14A, FO-WG-Closed to acft over 5000 lbs. Use rnwys only. (6-4)

VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Heavy acft use rnwys only, bal fld soft. (6-14)

****WASHBURN INT. #4-Lat. 47-21-30, long. 101-01-30.** See page 9.

[redacted]: **AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg on arvl and dptr. Ltd svcg facs only. (5-1)**

AKRON-CANTON ARPT-CO. FLD (CANTON)-Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)

BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)

BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W, and SW. (3-1)

BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk.) (2-22)

BRYAN-DEFIANCE MEMORAIL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)

CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)

CHARDON ARPT-Use rnwys only. Soft in spring rainy season. (5-13)

CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)

CLEVELAND-RADIO: VHF omni-directional rng comm without voice. Oper cont. Lctd at lat. 41-27-00, long. 81-58-17. Freq. 113.9 mcs. Ident. "CV". Class: VORW. CTN - UNMONITORED.

CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. (6-23)

OHIO: ****CLINTON CO. AAF (WILMINGTON)-RADIO:** Glide path angle of Army ILS changed to 2.5°. (4-9) **FLD:** Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC center upon entering or prior to dptr from ATC area. Inten inst training being conducted; **for** danger area outline see Chart Columbus 63. Balloon 6' in diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)

COLDWATER INT, SITE 4, DY-GO-Entire fld open. These data rcvd too late to delete ⑧ symbol.

DAYTON ARPT-RADIO: **CAA ILS shut down until approx June 25, to add voice and** ident to lclzr. **When oper resumes sys will be consisted of lclzr, glide path middle** mrkr, **and compass lctrs. (6-11) FLD: Sod area W Rnwy 18-36 rough-use** in emerg only. **At ngt and during wet weather use rnwys only. (5-10)**

FAIRFIELD-RADIO: **Army FM unreliable. (2-17)**

GRIESER ARPT **(WAUSEON)-Use strips only. (7-3)**

GRIMES FLD (URBANA)-Use **strips only. Land according to wind tee lcld in center of fld. (3-1)**

LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)

LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)

LANSDOWNE ARPT-Rough-land with ctn. Soft in wet weather. (5-13)

LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30) FLD: Equip. all rnwys 0800 to 1700 Mon to Sat until Aug. 31. (6-3)

LORAIN SKYPORT-Trans acft avoid fld in wet weather. (5-13)

LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-26)

MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)

MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)

McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-28)

MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)

MIDDLETOWN ARPT-Right traffic pattern taking off to S, **SW and W.**

NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)

OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use **rnwys only. (2-26)**

PARKS WATSON ARPT (CINCINNATI)-Right traffic intake-offs to E, NE, SE. (3-3)

PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) inop. **(6-2) FLD: Equip. on fld. Line of telephone poles 50' high** near approach **Rnwy 34, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)**

PAULDING ARPT (PAULDING)-Soft when wet, land at own discretion. (2-26)

****PAULDING CO. ARPT (PAULDING)-Correct name - Paulding Arpt.** See page 46.

PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA **ILS will be comm soon. (5-22)** FLD: Use rnwys only-grass **areas rough. Glide path and neon approach lgts not operating pending removal of obsts** in approach **lane. 30' port** twr **on Curtis** Wright taxi strip W side **fld 800' from** E/W rnwy **and 800' from** NW/SE **rnwy** until approx July 7 between 0800 **and 1700.** No fuel for **trans mil acft.** (6-20)

RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing **and taking off in an** easterly direction. Left traffic used all other times. (11-6)

REED'S FLD (WATERTOWN)-Acft use ctn in wet weather. (5-13)

SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24).

STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)

STOUT FLD (NORTH KINGSVILLE)-E/W strip closed. (6-1)

TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and prior to dptr. (5-13)

TOLEDO-RADIO: VHF omni-directional rng comm without voice. **Oper cont. Lctd at** lat. 41-31-05, long. 83-25-05. Freq. 113.1 mcs. Ident. "TL". Class: **VORW.CTN-**UNMONITORED.

[redacted]: TOLEDO ARPT-Equip. on fld 1500' S, intxn. Wind tee free swinging. All sod landings parallel to active rnwy. (5-10)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WALLINGTON ARPT (SODUS)-Wires S end N/S strip, orchard N end. Equip. on fld. Avail. lgt acft only. Ctn when wet. Avail. days only. (5-29)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON-RADIO: VHF range comm June 10 without voice, unmonitored and without automatic standby equip. Freq. 108.7 mcs. Ident. "WEO". Lat. 41-09-56, long. 82-07-30. Visual courses: 100°, 280°; aural courses: 10°, 190°. Flgt-checked (6-10). Blue hemisphere in N; "N" in E. (6-18).
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN-RADIO: VHF omni-directional rng comm without voice. Oper cont. Lctd at lat. 41-19-51, long. 80-40-26. Freq. 114.7 mcs. Ident. "CT". Class: VORW. CTN - UNMONITORED.
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Rnwy lgts inop. (6-4)
[redacted]: ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. Use rnwys only. (5-27)
★BROWN ARPT (TULSA)-RADIO: Mun. twr comm June 12, transmitting on 317 kcs. See page 84.
CADDO FLYING SVC. (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Ctr. No svcg, repairs or overagt sto. Planes parked on fld.4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
GAGE-RADIO: Soon, weather permitting, rng will be shut down days for installation of auto. rng monitor. sys. (6-3)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
GUTHRIE MUN ARPT-Course lgts changed to red. Bndry lgts decomm. (3-17)
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
POST FLD (FT. SILL)-All except liaison acft use rnwys. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn stop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn - VHF rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT #1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160° true) (2-20)
TINKER FLD (OKLAHOMA CITY)-RADIO: Army rng reliable for homing only.(3-6) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. 6' obstn N end N/S rnwy 100' off center. (5-26)
★TULSA-RADIO: Auto. range monitor. sys comm June 9.
TULSA ARPT-RADIO: Glide path of CAA ILS inop. (4-7) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-26)
WILL ROGERS FLD (OKLAHOMA CITY)-RADIO: About June 17, outer mrkr of CAA ILS will be shut down for installation of compass lctr. (5-26) FLD: Bndry lgts [redacted] inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)
[redacted]: BAKER ARPT-Use rnwys only. (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
EUGENE ARPK-Rnwy pavement not built to withstand acft weighing over 4000 lbs. Equip. on fld days. Open culverts along rnwys. (6-6)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (8-2)
MEDFORD ARPT-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil acft. (3-12)
★ONTARIO-RADIO: Correct freq of MH fac 305 kcs. This correct Airgi, Vol. 2, No. 6. 122.1 mc rcvr temp inop until approx June 24, (6-10)
PILOT ROCK ARPT-Usable lgt acft. (5-2)
★PORTLAND ARPT-RADIO: CW call sign of Army air/gnd stn changed to WYZ. (6-4) Glide path of CAA ILS flgt-checked, oper normal. (6-19) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-24). FLD: Instrument approach lgts inop. (2-4). Other fld lgts prior req. See page 142. Acft landing this fld must have workable 2-way rdo. (5-20)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry.(12-3)
SANTIAM JCT FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S takeoffs and landing. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED. (6-14)
THE DALLES ARPT-NE/SW rnwy unlgtd. Rnwy 2-20 closed. (6-12)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (12-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)
[redacted]: ALLEGHENY CO. ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17) FLD: N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo-equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. Exten repairs on all rnwys and taxi strips, mrkd. (5-28)
ALLENTOWN-RADIO: VHF range comm Apr 24 operating without voice at lat. 40-44-25, long. 75-27-20. Freq. 109.1 mcs. Ident. "XA". Visual courses: 107°, 287°; aural courses: 17°, 197°. "N" signal to E. Blue sector to N, yellow sector to S. Bear. from stn to N end N/S rnwy Allentown-Bethlehem Arpt: 178°, 5.7 mi. Class: VARW. This corrects Airgi, Vol. 2, No. 3.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9-14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (. 180° true) (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED (const)(12-18)
BEAVER FALLS-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld., Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
★BROOKVILLE-RADIO: H fac, freq. 391 kcs, voice fac, radio rcvg watches, weather reporting svc, and teletype facs recomm June 18. Opers 0700-2300 on req; cont other times. Voice avail. on 116.1 mcs. Gds 3105,4495,6210,3117.5 kcs. 116.1 mcs (6-18). These data rcvd too late for inclusion on data page.

[redacted] BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in vcnty of Imperial,Pa.(6-15)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to E,NE,& SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10)
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EMLENTON ARPT-CLOSED. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-First 500' Rnwy 23 and first 600' Rnwy 14 closed. Ltd transportation. (6-2)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
★HARRISBURG STATE ARPT-RADIO: CAA twr transmits on 278 kcs, 118.7 mcs. This correct Airgi, Vol. 2, No. 6 (6-19). Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-19) FLD: Use rnwys only. (3-12).
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-31)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
LANSDALE ARPT-Right traffic when taking off to the E. (5-7)
MIFFLIN CO. ARPT (REEDSVILLE)-NW/SE strip under const. (5-21)
MILLARD ARPT (ANNVILLE)-Sod area soft-use strips only. (5-12)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather,use only rnwys,taxi strips
**MT. VIEW ARPT (NICHOLSON)-Formerly carried as Nicholson-Mt.View Arpt (Nicholson).
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and sur. obsts. Others and pilots of transport planes over 9000 lbs use Phila. SW Arpt for ngt landings and take-offs. Clsd to acft 50,000 lbs or over. Left traffic pattern at 1000'. Rnwy 14-32 closed 1500 to 1930 for evaluation tests. (6-20)
OLMSTED FLD (MIDDLETOWN)-Ngt landing hazardous.Obsts adj fld.81' high tension wires across appch zones Rnwys 29,14. Lgtd obsts between Rnwys 29,32,approx. 1000' from rnwys. 2-150' obsts right of rnwy 29, lgtd. Ridges to WSW,ENE 300-700' higher than fld.Clsd to B-29 opers.Use rnwys 11,32 for ngt landings.(4-25)
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin Bldg on arvl and dptr. (5-16)
★PHILADELPHIA SOUTHWEST ARPT-RADIO: CAA ILS operating on monitored basis. (6-13). Twr equipped to transmit on and gd 121.9 mcs for mobile gnd traffic FLD: Clsd to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only Use ctn in taxiing. Unlgtd poles approx 20' high across appch to Rnwy 9 approx 1200' W of appch end of rnwy. Other unlgtd poles 45' high in const area W and NW of arpt-clear of appchs. (6-4)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
PORT ERIE ARPT (ERIE)-RADIO: CAA ILS placed in cont oper, without voice, for equip. test and shakedown purposes May 26, expect formal commissioning June 10. Approach bear. 60°, serving NE/SW rnwy. Var. 6° W. Lclzr lctd 375' from NE end of NE/SW rnwy, at lat. 42-05-03, long. 80-10-15, elev. 729' MSL. Freq. 110.3 mcs. Ident. "ERI". Middle mrkr lctd 3264' from SW end of NE/SW rnwy at lat. 42-04-18 long. 80-11-42, elev. 731' MSL, keyed cont alt. dots and dashes. Outer mrkr lctd 4.35 mi from SW end of NE/SW rnwy at lat. 42-02-18, long. 80-15-15, elev. 800' MSL, keyed cont two dashes per sec.

[redacted]: QUAKERTOWN ARPT-Exten training 5 mi radius. (6-9)
READING ARPT-RADIO: CAA ILS oper on Rnwy 36 on exper basis. Lclzr on 109.5 mcs. Not flight-checked. Lclzr temp inop. (5-6) FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld. days. Right traffic on Rnwys 13 and 18. (1-15)
STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intmtly. Ctn in wet weather. (4-1)
**STROUDSBURG-E. STROUDSBURG ARPT-Lat. 41-02-15, long. 75-09-45. See page 52
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings. (4-8)
VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
WEST CHESTER ARPT-Strips under const. Right traffic on W and N take-offs. (6-3)
WILKES-BARRE-SCRANTON ARPT-Use rnwys only. (6-4)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail.in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)
WILLIAMSPORT ARPT-Clsd ngts. Rnwy lgts avail. for emerg landings or by prior req. Const S side fld, mrkd. (5-23)
WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)
[redacted]: CHARLESTOWN NAAS-Closed 1800 to 0700. Flights desiring landings during closed hrs must notify stn 1 hr prior ETA. (3-13)
GREENE ARPT, T.F. (PROVIDENCE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-7) FLD: Soft spot on turf area S of rnwy intxn, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (5-8)
PROVIDENCE-RADIO: Ctn - VHF rng unmonitored. (5-21)
[redacted]: CLARK FLD (CHARLESTON)-Strips rough. (4-28)
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). Ditching alongside rnwys. Equip. on fld days. Ditches lgtd by smudge pots ngts. Use rnwys only. (5-26)
GEORGETOWN CO. ARPT-Bcn inop. (4-28)
GREENVILLE AAB-RADIO: Army emerg bcn placed in oper on 1742 kcs. Bcn is jeep-mounted and will be placed at approach end of active rnwy upon req to twr, 24 hrs daily. Ident consists only of series of dots followed by 2 long dashes and then repeats. No voice modulation avail. Pwr is 5 watts with rng limited to 15 mi. (5-23). FLD: Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. No JP-1 fuel. (6-16)
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 mi N. (3-21)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (4-24) FLD: Control of air traffic discont. Bndry lgts inop. 1 range lgt SW end NE/SW rnwy inop. E/W rnwy lgts very dim. (6-6)
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (5-1)
MYRTLE BEACH-RADIO: Apr. 22, VHF range without voice comm at lat 33-43-20, long. 78-53-15. Aural courses: 145°, 325°; visual courses: 53°, 233°. G Freq. 108.3 mcs. Ident. "MU". "N" signal to N. Blue sector to W, yellow sector to E. Class: VARW. CTN - UNMONITORED, unattended and should not be used for navigational purposes. This corrects Airgi, Vol. 2, No. 3
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (6-9)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg. mrkd. (6-11)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only - field tie-downs in this area. No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)

[redacted]:ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)
GERONIMO ARPT-Rough and dangerous-unattended. (5-20)
••McINTOSH ARPT-ABANDONED. (6-13) See page 9.
RAPID CITY AAB-Equip. 300' S of E/W rnwy to 700' W of N/S rnwy; equip. lgtd. E/W rnwy closed. (6-4)
SIOUX FALLS MUN ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
WATERTOWN-RADIO: 122.1 mc rcvr temp inop. (5-6)
W. W. HOWES ARPT (HURON)-Closed to acft exceeding 25,500 lbs. Use black-top rnwys only. Stakes on grass areas. (6-4)
[redacted]:BERRY FLD (NASHVILLE)-RADIO: Lclzr of CAA ILS resumed normal oper. Operating without voice. Flgt-checked June 16. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-RADIO: 126.18 mc transmitter and rcvr at CAA twr temp inop. (5-8) FLD: Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° side from 800'. (5-7)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Apr 22, VHF range without voice comm at lat 36-01-11, long 89-19-00. Aural courses: 106°, 286°; visual courses; 16°, 196°. Freq. 109.1 mcs. Ident. "DJ". Class: VARW. "N" signal to N. Blue sector to W, yellow sector to E. Ctn-unmonitored, unattended and should not be used for navigational purposes.
••HUMBOLDT MUN-ABANDONED. (12-12) See page 90.
LEBANON AIRPORT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
McGHEE TYSON ARPT (KNOXVILLE-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13)
McKELLAR AIRPORT (JACKSON)-Use rnwys only - parked acft.
MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type aircraft Thursdays 1930C to 2230C until further notice. This activity has not yet been cleared with the Airspace Subcommittee.
MEMPHIS ARPT-RADIO: Middle and outer compass lctrs of CAA ILS temp inop. (6-19) Twr and approach control will be inop during period when wind velocity at Memphis is in excess of 45 MPH. At such times, traffic will be controlled by lgt gun signal from lctr atop term bldg on S side arpt. (11-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way rdo transmitting on 3105, 4495, 6210 kcs or 122.5 mcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted Ltd facs. No 91 oct. (6-17)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27000 lbs. (5-10)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7) FLD: Temp inactive-no facs. (6-8)
STEWART FLD (UNION CITY)-Use rnwys only-parked acft.

[redacted]:TRI CITY ARPT (BRISTOL)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)
[redacted]:ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr.(3-13)
★ALAMO-RADIO: June 11, rng stn converted to type SMRLZ fac. Flgt-checked, courses correctly aligned.
ALICE-RADIO: About July 9, N and S courses will be realigned to 153° and 333° respectively. (6-18) FLD: Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. Bcn inop. (6-16)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO: Rng flgt-checked, courses correctly aligned, break in stn lctn mrkr lgt pattern. (5-23) Stn gds 3117.5 kcs 2300 to 0700. About July 7 the NE and SW courses will be realigned to 36° and 216° respectively. (6-18)
AUSTWELL INT, SITE 5A, CR-HU-Unsafe (soft, wet). (4-14)
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N.M. (12-26)
BIG SPRING-RADIO: Soon rng will be shut down days for installation of auto. rng monitor. sys. (6-3) Stn gds 3117.5 kcs 2300 to 0700. (2-27)
BROWNSVILLE-RADIO: About July 7, N course will be realigned to 153°. (6-18) Following realignment "A" and "N" quadrants will be reversed. About July 7, rng will be shut down days for modernization. (6-20) Comm stn guards 3117.5 kcs during hrs 2400 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
••CARTER FLYING SERVICE (VELASCO)-Formerly carried as Brazosport Arpt. lat 28-58-00, long 95-21-45. (12-13) See page 126.
CHILDRESS-RADIO: Ctn - VHF rng unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
CLEVELAND-RADIO: VHF rng gnd-checked June 10. Ctn- VHF rng unmonitored. (4-23)
••CLIFF MAUS ARPT (CORPUS CHRISTI)-Hi intensity lights avail. (4-17) See page 122. Use rnwys only. Farming opers in progress 200' E of N/S rnwy and 200' S of E/W rnwy. (6-12)
COMMERICAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123°) true. (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-25)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (5-23) FLD: Traffic left 600'.- Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. Use rnwys only-farming opers. (6-16)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
DALLAS-Extensive night flying by small aircraft up to 1000 ft in vicinity of Hudson Arpt. (approx. 8 mi NE Love Arpt). This activity has not yet been cleared with the Airspace Subcommittee.
DALLAS-RADIO: Rng flgt-checked June 14, courses correctly aligned.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)

[redacted]

DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
DUNCANVILLE-RADIO: MH flgt-checked June 12, oper normal.
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true. (2-25)
ECTOR CO. ARPT (ODESSA)-All rnwys and taxi strips closed except last half of E/W rnwy and all of NW/SE rnwy and taxi strip leading from ramp area N. Closed ngts. (6-23)
**EDNA ARPT-Will hereafter be carried as Good Arpt (Edna). This verifies data in "AIRGI" now carried under Edna. Lat 28-57-45,long.96-36-45.See page 124
EGYPT, BCN SITE 13, ZN-HU-Temp inop. (5-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. Exten Reserve training daily until 1900, Tues and Weds until 2200 under CFR. (6-3)
EL PASO MUN. ARPT-ED ANDERSON FLD-RADIO: June 17, outer mrkr of CAA ILS shut down for installation of compass lctr. (6-17)
ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop. (5-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)
FORNEY-RADIO: FM on E course of Dallas range inop. (5-23)
FORT WORTH AAF-40' trees immediate end Rnwy 35L. (6-12)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT; (4-8)
GRAUWYLER PARK-RADIO: MH flight-checked June 12, oper normal. Soon H fac will be decomm. (6-6)
GUTHRIE-RADIO: Ctn - VHF rng unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kcs transmitter and rcvr temp inop. (3-12)
★HOUSTON ARPT-RADIO: Lclzr of CAA ILS flgt-checked June 13, oper normal. Glide path comm and flgt-checked June 14. Soon, outer mrkr will be shut down for installation of compass lctr. (6-13) FLD: Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip on fld. (4-22)
INTERNATIONAL ARPT (BROWNSVILLE)-RADIO: Effect June 10, outer mrkr of CAA ILS shut down for installation of compass lctr. (6-10) FLD: Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). Six 40' antenna poles 1/4 mi S and 500 yds E of W side fld, lgtd. (6-5)
**JEFFERSON COUNTY ARPT (BEAUMONT)-233' twr of Rdo Stn KTRM erected 8.2 mi NNW at lat 30-03-20, long 94-07-10, obst lgtd with red flash lgt at top. (5-21) Rnwy ctc lgts operated on req only. Reqs should be made thru arpt manager or Beaumont Rdo. (6-10)
JOAQUIN-RADIO; Ctn - VHF rng unmonitored. (4-10)
JUNCTION-RADIO: VHF range without voice flgt-checked and comm on cont oper June 17, at lat 30-38-00, long 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. Ctn - range unmonitored. (6-18)

[redacted]: Class: VARW.
KELLY FLD (SAN ANTONIO)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop. (5-12)
**LAKE MATHIS (MATHIS)-ABANDONED. (122)
**LAREDO-RADIO: Auto. rng monitor sys comm June 18. Rng flgt-checked, courses correctly aligned. Stn lctn mrkr oper erratic. Soon, all commun and rdo rcvg facs will be shut down for approx 48 hrs for relctn of control quarters. (6-18) FLD: Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. Tetrahedron free swinging and will be lgtd upon rdo req. (6-11)
LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (9-18)
**LOUISE ARPK -ABANDONED. (4-9) See page 124.
LOVE FLD (DALLAS)-RADIO: About July 1, outer compass lctr of CAA ILS will be comm at the outer mrkr site. Freq. 266 kcs., ident. "D". (6-18) FLD: Rnwy 4-22 closed. Soft areas along taxi strips when wet. 30 million candle pwr ceilometer projector 1000' N of twr. Acft must be equipped with rdo tuned to twr freq. (4-2) 520' rdo twr under const 8.7 mi SE (120°) true. (1-20)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7) FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true) temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE (135° true). Taxi strip leading to Rnwy 17 under const until approx June 23. (6-2)
MERCEDES-RADIO: FM will be decomm about July 3. (6-18)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
NIXON, BCN SITE 4, ZN-HU-Temp inop. (5-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. Rnwy 1-19 unsafe for acft over 10,000 lbs. (6-5)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
ROBERT MUELLER ARPT (AUSTIN)-RADIO: About June 15, CAA ILS will be comm serving NW/SE rnwy with approach from SE. Voice equipped lclzr will oper on 109.5 mcs, ident. "AUS", transmitter will be lctd 900' NW of NW end of NW/SE rnwy on rnwy centerline extended. Glide path will oper on 332.6 mcs., transmitter lctn 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy. Middle mrkr will be lctd 3636' SE of the SE end of the NW/SE rnwy and 50' SW of the rnwy centerline extended, keying alt dots and dashes; outer mrkr will be lctd 6.12 mi SE of the SE end of the NW/SE rnwy on the rnwy centerline extended, keying two dashes per sec. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L- 30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)

[redacted]:ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed.
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANGELO ARPT-MATHIS FLD-RADIO: Mun. twr temp inop until July 1.(6-20) These data rcvd too late for (Q) symbol.
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo nr San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-RADIO: CAA ILS flight-checked June 11, oper normal. FLD: Acft arriving after dark rqrd to have two-way rdo.(2-27)
SAN BENITO INT, SITE 2,JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT-(WICHITA FALLS)-RADIO: Twr will be recomm on temp basis July 4 to 20th inclusive during 14th annual national soaring meet. Will transmit on 278 kcs, 118.5 mcs. Rcv on 3105,4495,6210,3117.5 kcs, 122.5 mcs. (6-20). FLD: Unlgtd N/S rnwy on W side fld rstd to acft of 450 H.P. or less. Left traffic on all rnwys, entering at 45° downwind leg at 800'. Intermittent glider activity on fld and in vcnty. The 14th annual national soaring meet will be conducted July 4 thru the 20th. Glider activity presently in progress will increase as date of meet approaches. (5-28)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation,no housing, messing facs. Closed to all acft except on off. bus or emerg.(6-23)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BEACON SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana arpt, 0800-1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true). (4-22)
**VICTORIA CO. ARPT (VICTORIA)-Formerly carried as Aloe AAF. (6-12). See page 122.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)
**WEST ODESSA ARPT (ODESSA)-Lat 31-50-30, long 102-23-30. See page 106.
WHITE FIELD (BRADY)-CLOSED. (6-7)
WHITE ROCK ARPT (DALLAS)-520' twr Rdo Stn KDXL-FM being erected 2.2 mi SW (232° true). (6-9)
WINK-RADIO: Soon, range will be shut down days for installation of auto. range monitor. sys. (6-3)
WINK ARPT-Rnwy lgts inop. (4-26)
WOLFE CITY ARPT-Use in emerg only. (2-25)
[redacted]: BRYCE CANYON-RADIO: 116.1 mc transmitter and rcvr temp inop.
★DELTA-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. Stn now gds 3105,4495, 6210, 3117.5 kcs., 116.1, 122.1 mcs. (6-20). These data rcvd too late for chart and data page.
DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-CLOSED (rough, soft).(5-29)
HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)
HURRICANE ARPT-Soft when wet. (4-3)
MILFORD-RADIO:About July 1,CAA Commun Stn will be moved to new quarters at Milford Arpt. Stn class will be changed to: BMRLZ-DT. Anticipate approx 36 hrs shutdown of voice communs and rdo rcvg facs during move. (6-11)
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr Bndry lgts N and W sides fld disconnected and bndry mrkrs are being removed for rnwy extensions. Dirt areas soft. Three 25' poles erected N side of new const.

[redacted]:on E side fld. (5-29)
PROVO ARPT-NNE/SSW, NW/SE rnwys avail. all acft days. ENE/WSW rnwy closed. Equip. on ends of rnwys intermittently. (5-12)
★ROBERT H. HINCKLEY FLD (OGDEN)-RADIO: Mun. twr now operates 0600 to 2230. (6-23) These data rcvd too late for data page. FLD: NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual mon itor. at control stn recomm on N course. Warning signal not avail (5-3)
SALT LAKE CITY ARPT NO. 1-Use rnwys, taxi strips only during wet weather account shoulders soft. Right traffic when winds are from S, SE, E. Prevailing wind rnwy lgts operating ngts. (6-18)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)
[redacted]:BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip.(4-3)
LEMMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)
[redacted]: ALBERTA ARPT-ENE/WSW, NNW/SSE stripe rough. Ends and sides mrkd by 12' yellow mrkrs. (5-21)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 2100 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. Model Airplane Meet will be held July 20th between 1000 and 1700. Trans traffic should exercise due ctn. (5-28)
**ALTAVISTA ARPT-Lat. 37-09-00, long 79-12-15. See page 94. 200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE ARPT-Tetrahedron inop, unlgtd. NE/SW rnwy avail. full length and 250' wide from NW side of NE/SW rnwy. 5 and 7'' rised of concrete 24' wide at seams on SE side NE/SW rnwy, mrkd. 5'' rise lctd 450' NE and 7'' rise lctd 75' SW of intersection NE/SW and NW/SE rnwys. (6-17)
★BYRD FLD (RICHMOND)-RADIO: June 9, middle and outer mrkrs decomm. Middle mrkr will be relctd 0.68 mi from SW end of NE/SW rnwy. Concurrently with this relctn compass lctrs will be installed at outer and middle mrkr sites. Lclzr will remain in oper. (6-9) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-3) FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extns. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2).
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under rprs unreliable. Use rnwys, taxi strips only - soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C; NAS Patuxent River, Md.; NAS Norfolk, Va.; NAS Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va; AAF Proving Gnds, Eglin Fld, Valpariso, Fla; Langley Fla,Va.; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)
DANVILLE ARPT-Rnwy lgts will be operated by INSAC personnel 0800 to 2400. From 2400 to 0800 lgts will be unattended and rnwy nearest in line with wind direction at 2400 will be lgtd. Grassy plots soft when wet, rough when dry. Use only hard surfaced rnwys and taxi strips. Tetrahedron free swinging.(5-26)

[redacted]EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status - no facs) (2-19)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
LANGLEY FLD-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)
LYNCHBURG-RADIO: At intermittent periods especially during dry weather rcvg watches on high freqs impaired by pwr noises. (6-17)
MONOGRAM NAAS (DRIVERS)-Use in emerg only (Caretaker status-no facs.) (2-19)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF rng on 108.7 mcs. shut down for an indefinite period. (5-6)
NORFOLK NAS-EAST FLD-Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo ctc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish ctc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound or N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs ctc Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)
OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted at other than designated hrs. Emerg acft clearances accepted any time upon prior notification. Equip. on fld. (6-13)
ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)
PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landing toward SW (Newport News). Left hand pattern when wind conditions require take-off and landing to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar (5-19).
PRESTON GLENN ARPT (LYNCHBURG)-RADIO: At intermittent periods especially during dry weather rcvg watches on high freqs impaired by pwr noises. (6-17). Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic.(5-6) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7).
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (6-6)
RICHMOND-Elko Aux Fld 5 mi E of Byrd Fld is similar in design and layout to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
SOUTH NORFOLK ARPT-Lat 36-46-00, long 76-15-30.
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)
WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10) FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq. should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)
[redacted]: SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected [redacted] mi E (78° true). Cable will run N/S between lat 48-13, long 121-55, on Wheeler Mtn and lat 48-11-30, long 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-25)
BARRY'S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)
BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt (6-20)
BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E. side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)
BUENA ARPT-Right traffic E take-offs and landings. (3-17)
CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)
COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings.
COUPEVILLE OLF-Closed except in emerg.
FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)
★EVERETT-RADIO: Overseas Foreign Aeronautical Communs Stn point to point radiotelegraph circuit 300X transmitting on 168,4070,8130,11331,16 232.5 kcs; 8010 kcs avail. on req. Receives on 91,4475,8100,13600,16280 kcs. Circuit 316 transmitting on 183,2748,4690,6545,8015 kcs. Receives on 2748,4690,6545,8015, 150 kcs.; 197,1722,7880,5310 kcs avail. on req. Air gnd circuit 457 transmitting 1638,3082.5,5037.5,9980 kcs, 116.1 mcs.;6537 kcs avail. on req. Receives on 1638,1674,3082.5,5037.5,9980 kcs.,116.1 mcs;6537 kcs avail. on req. Radiotelegraph weather bdcast circuit 460 transmitting simultaneously on 4580 and 8220 kcs, schedules 15,25 and 37 minutes past each hr. Above mentioned circuits operate cont. Radio Call: KCJ. Point to point radiotelegraph circuit 311 also avaih, operated intermittently transmitting on 183,2796,5310,7880,12290 kcs.(6-12)
KELSO ARPT, SITE 6 1A, SF-SA-Equip. on fld. (6-9)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)
L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lctd 1 mi N for gas truck or fone Prosser 91114. (5-20)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500' x 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)
McCHORD FLD (TACOMA)-RADIO: Effect Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army ILS (CAA type) temp inop. middle mrkr to be relctd and present equip will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
NELSON RIDGE, SITE 6, SA-HL-About Aug 1, bcn will be dismantled and relctd to lat 47-11-30, long. 121-01-42, 1-1/2 mi SE of present lctn. After relctn bcn will be recomm with no change in char. (5-13).

[redacted]:OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Lgts inop. (5-29)
PASCO-See Special Notice (first item under state heading).
PASCO NAS-Use in emerg only (caretaker status - no facs).
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N takeoffs and laddings. (3-17)
S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings. (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intmtly. (9-14)
SEATTLE NAS-Single-engine acft approach from Kirkland 1500' descending to 1000' over the stn. Seaplanes approach over Lake Washington from N or S under 200'; landing area lgtd on req between sunset and sunrise. Rnwy 14-32 lgtd 30 minutes prior to arvls and dptrs between sunset and sunrise and on req. Tetrahedron lgtd sunset to sunrise. (5-27)
SEATTLE-TACOMA ARPT-RADIO: Outer mrkr of CAA ILS unmonitored. (6-5)
FLD: Equip. on fld days. (5-22)
SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only (5-20)
SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)
★WALLA WALLA AAF-RADIO: June 16, Army twr and VHF/DF stn decomm. DF stn
** will be relctd at Spokane AAF in near future. FLD: Effect June 15 fld will be closed with no facs. (6-10) See page 4. No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)
YAKIMA CO. ARPT-Equip. rnwd. Rcvd too late to delete ⓪ symbol.
[redacted]:ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
HUNTINGTON ARPT-305' twr Rdo Stn WHTN being erected 1/2 mi SSE. (5-21)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn - VHF rng unmonitored. (4-9)
[redacted]:CAMP McCOY ARPT-Emerg use only - not maintained. (6-12)
CLINTONVILLE ARPT-Six sod strips avail. (4-22)
CHAPLIN'S ARPK (PLYMOUTH)-ONly E/W strip avail. (5-23)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-22)
EAU CLAIRE MUN ARPT-Ctn, equip. on rnwys and fld area. (4-23)
GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. POsition lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. Obst lgt atop 95' chimney
[redacted]:SW corner fld inop. Rdo rcvr req for all lcly based acft. E/W rnwy closed until approx June 28 - avail. taxiing only. (5-13)
GINNOW ARPT (OMRO)-Use strips only. (4-1)
LA CROSSE ARPT-Use rnwys only. (5-23)
MERRILL ARPT-Use rnwys only-soft after heavy rains. (6-3)
MOREY ARPT (MADISON)-Use strips only. (5-19)
OCONTO FALLS ARPT-Use strips only. (3-26)
RICHLAND FLYING CLUB INC (SEXTONVILLE)-Equip. on fld. (5-5)
SHAWANO ARPT-Soft when wet-use rnwys only. (6-3)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip (4-7)
STEVENS POINT ARPT-Use rnwys only. (5-23)
THREE LAKES ARPT-Const. (6-13)
TOMAH ARPT-N/S strip under const. (5-19)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. (4-8)
WAUPUN ARPT, new-New arpt under const 2 mi WSW Waupun. Closed to trans. acft. (3-15)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)
[redacted]: ARCHER-RADIO: FM on E course of Cheyenne range will be decomm soon.
CHEYENNE-RADIO: Soon the Hillsdale VHF bone-shaped FM will be comm at lat 41-09-30, long 104-31-30, 16 .2 mi E of Cheyenne low freq. range. Ident one dash.
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CK". Lctd 457' W of the W end of the E/W rnwy. Mag. heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs. Ident. "X". Outer compass lctr on 260 kcs. Ident. "C". (5-23) FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (1-1)
JACKSON MUN. ARPT-Cattle on fld intermittently. (6-13)
RAWLINS ARPT-Equip. on rnwys. (4-17)
**ROCK SPRING ARPT (old)-3.8 mi NNW. ABANDONED. (6-12). See page 25.
SHERIDAN-RADIO: 116.1 mc transmitting and rcvg facs inop. (6-9)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar (4-8)
WORLAND ARPT-Strips under const. Equip. on strips days. Use with ctn. (5-21)

NEW AIRPORTS

(These facilities will be found on both data page and chart)

FACILITY	LAT.	LONG.	PAGE
ALABAMA			
Flint Creek (Decatur)	34-32-30	86-57-00	90
Oak (Foley)	30-19-00	87-41-00	130
Summerdale OLF	30-30-15	87-38-45	130
ARIZONA			
Desert Skylodge (Tucson)	32-20-15	111-04-30	102
Hackberry	35-26-12	113-48-00	78
Nicksville (Hereford)	31-26-30	110-15-00	102
Seligman	35-20-15	112-54-00	78
Y-Lightning Ranch (Hereford)	31-27-45	110-12-00	102
ARKANSAS			
Alexander (Paragould)	36-10-00	90-20-00	88
CALIFORNIA			
Cypress (Westminster)	33-49-45	118-01-00	138
Fillmore	34-23-15	118-54-30	138
Fortuna	40-34-15	124-08-00	20
Garberville Arpk	40-05-30	123-48-30	20
Harvey (Santa Paula)	34-21-45	119-01-45	74
Jackson Ranch (Weed)	41-29-00	122-24-45	20
Miro-Fontana (Rialto)	34-07-00	117-23-30	98
Scotia	40-27-30	124-05-30	20
6 S Ranch Arpk (Solemint)	34-25-30	118-28-30	138
Sunset Beach	33-43-30	118-01-45	138
White (Ft. Bragg)	39-27-30	123-48-00	20
COLORADO			
Kramer Fld (Alamosa)	37-28-30	105-55-00	82
FLORIDA			
Conway Arpk (Starke)	29-57-00	82-07-15	132
Edwards (Pensacola)	30-26-00	87-15-30	130
Riddle Fld	26-44-30	81-03-00	136
GEORGIA			
Terrell Co. Airfld (Dawson)	31-44-30	84-25-00	132
IDAHO			
Teton Peaks, Driggs Mun, (Driggs)	43-44-15	111-06-15	24
KANSAS			
Ulysses	37-36-00	101-22-15	82
MAINE			
Aroostook Fly. Svc. Airfld (Ft. Fairfield)	46-46-30	67-47-45	17

177
AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	Dec. 11, 1945	Nov. 25, 1946
Albany	Jan. 7, 1947	
Albuquerque	Mar. 7, 1947	
Aroostook	Dec. 31, 1946	
Austin	Jan. 28, 1947	
Beaumont	Jan. 28, 1947	
Bellingham	Apr. 30, 1947	
Birmingham	Apr. 11, 1947	
Boise	May 1, 1947	
Boston	Jan. 14, 1947	
Burlington	Dec. 31, 1946	
Butte	May 7, 1947	
Casper	May 16, 1947	
Charlotte	Apr. 21, 1947	
Chattanooga	Apr. 22, 1947	
Cheyenne	May 17, 1947	
Chicago	Dec. 24, 1946	
Cincinnati	Apr. 13, 1947	
Cleveland	Jan. 7, 1947	
Corpus Christi	Feb. 4, 1947	
Dallas	Mar. 21, 1947	
Del Rio	Jan. 22, 1946	Jan. 28, 1947
Denver	Mar. 11, 1947	
Des Moines	Dec. 13, 1946	
Detroit	Dec. 31, 1946	
Douglas	Jan. 14, 1947	
Dubuque	Oct. 2, 1945	Dec. 12, 1946
Duluth	Jan. 8, 1946	Nov. 28, 1946
Elko	May 1, 1947	
El Paso	July 25, 1946	Jan. 17, 1947
Fargo	May 29, 1946	Nov 21 1946
Glacier Park	May 12, 1947	
Grand Canyon	Mar. 11, 1947	
Grand Junction	Mar. 11, 1947	
Green Bay	June 12, 1946	Dec 9, 1946
Huntington	Apr 21, 1947	
Jacksonville	Feb. 7, 1947	
Kansas City	Mar. 18, 1947	
Klamath Falls	Apr. 29, 1947	
Kootenai	May 21, 1947	
La Grande	Apr. 23, 1947	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 13, 1946	Dec 3, 1946
Lake of Woods	May 24, 1946	Nov 19, 1946
Lewiston	Jan. 8, 1947	
Lincoln	Dec 3, 1946	
Little Rock	Mar. 19, 1947	
Los Angeles	Feb. 25, 1947	
Miami	Feb. 24, 1947	
Miles City	May 6, 1947	
Milwaukee	Dec. 31, 1946	
Minot	June 6, 1946	Nov 19, 1946
Mobile	Feb 3, 1947	
Mt. Shasta	Apr. 25, 1947	
Mt. Whitney	Feb 21, 1947	
Nashville	Apr 7, 1947	
New Orleans	Jan. 29, 1947	
New York	Jan. 9, 1947	
Norfolk	Apr. 25, 1947	
Oklahoma City	Sept. 23, 1946	
Orlando	Feb. 13, 1947	
Phoenix	Mar. 3, 1947	
Pocatello	May 12, 1947	
Portland	Apr. 20, 1947	
Prescott	Mar. 5, 1946	Sept. 3, 1946
Rapid City	May 9, 1947	
Reno	Feb. 17, 1947	
Roswell	Sept. 16, 1946	
Sacramento	Feb. 16, 1947	
Salina	Mar. 15, 1947	
Salt Lake City	May 6, 1947	
San Antonio	Jan. 28, 1947	
San Diego	Feb. 26, 1947	
San Francisco	Feb. 21, 1947	
Savannah	Apr. 18, 1947	
Seattle	Apr. 23, 1947	
Shreveport	Apr. 16, 1947	
Sioux City	May 31, 1946	Nov. 22, 1946
Spokane	Apr. 23, 1947	
Trinidad	Sept. 16, 1946	
Tulsa	Mar. 26, 1947	
Twin Cities	May 31, 1946	Dec. 6, 1946
Washington, D.C.	Apr. 21, 1947	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	May 5, 1947	
Winston-Salem	Apr. 25, 1947	
Yellowstone Park	May 9, 1947	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Apr. 18, 1947	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Feb. 17, 1947	WAC 467	Feb. 4, 1947
WAC 216	Apr. 21, 1947	WAC 267	May 26, 1947	WAC 310	Jan. 14, 1947	WAC 404	Feb. 28, 1947	WAC 468	Feb. 3, 1947
WAC 217	May 2, 1947	WAC 268	May 9, 1947	WAC 357	Apr. 11, 1947	WAC 405	Feb. 27, 1947	WAC 469	Jan. 22, 1947
WAC 218	May 16, 1947	WAC 269	Apr 25, 1947	WAC 358	Apr 9, 1947	WAC 406	Mar 13, 1947	WAC 470	Jan. 20, 1947
WAC 219	May 16, 1947	WAC 304	Apr. 30, 1947	WAC 359	Apr 1, 1947	WAC 407	Mar. 25, 1947	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	May 18, 1947	WAC 360	Mar 25, 1947	WAC 408	Apr. 2, 1947	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Mar 15, 1947	WAC 409	Apr. 8, 1947	WAC 525	Feb. 13, 1947
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Mar 15, 1947	WAC 410	Apr. 17, 1947		
WAC 265	Dec. 5, 1946	WAC 308	Dec 12, 1946	WAC 363	Feb 17, 1947	WAC 466	Feb. 11, 1947		

RADIO DIRECTION FINDING

1-DF	Sept., 1946	21-DF	Jan. 3, 1947	24-DF	Nov. 21, 1946
2-DF	Sept., 1946	22-DF	Jan. 15, 1947	25-DF	Apr. 3, 1947
3-DF	Jan., 1947	23-DF	Mar. 4, 1947	26-DF	Apr. 23, 1947

LOCAL

Brownsville	Jan. 29, 1947
Los Angeles	Mar. 4, 1947
Miami	Feb. 18, 1947
New York & Vicinity	Aug. 6, 1946
San Diego	Mar. 18, 1947
Seattle	Nov. 28, 1946
Washington	Nov. 7, 1946

WORLD AERONAUTICAL • ALASKA

WAC 62	Feb. 1946	Nov. 1946	WAC 77	Mar. 1947	WAC 119	Feb. 1947	WAC 138	Jan. 1947	
WAC 63	Jan. 1947		WAC 78	Feb. 1947	WAC 135	Nov. 1946	WAC 139	Mar. 1946	Dec. 1946
WAC 64	Mar. 1946	Dec. 1946	WAC 117	Feb. 1947	WAC 136	Jan. 1947	WAC 186	Mar. 1946	Dec. 1946
WAC 76	Feb. 1947		WAC 118	Mar. 1947	WAC 137	Feb. 1947			

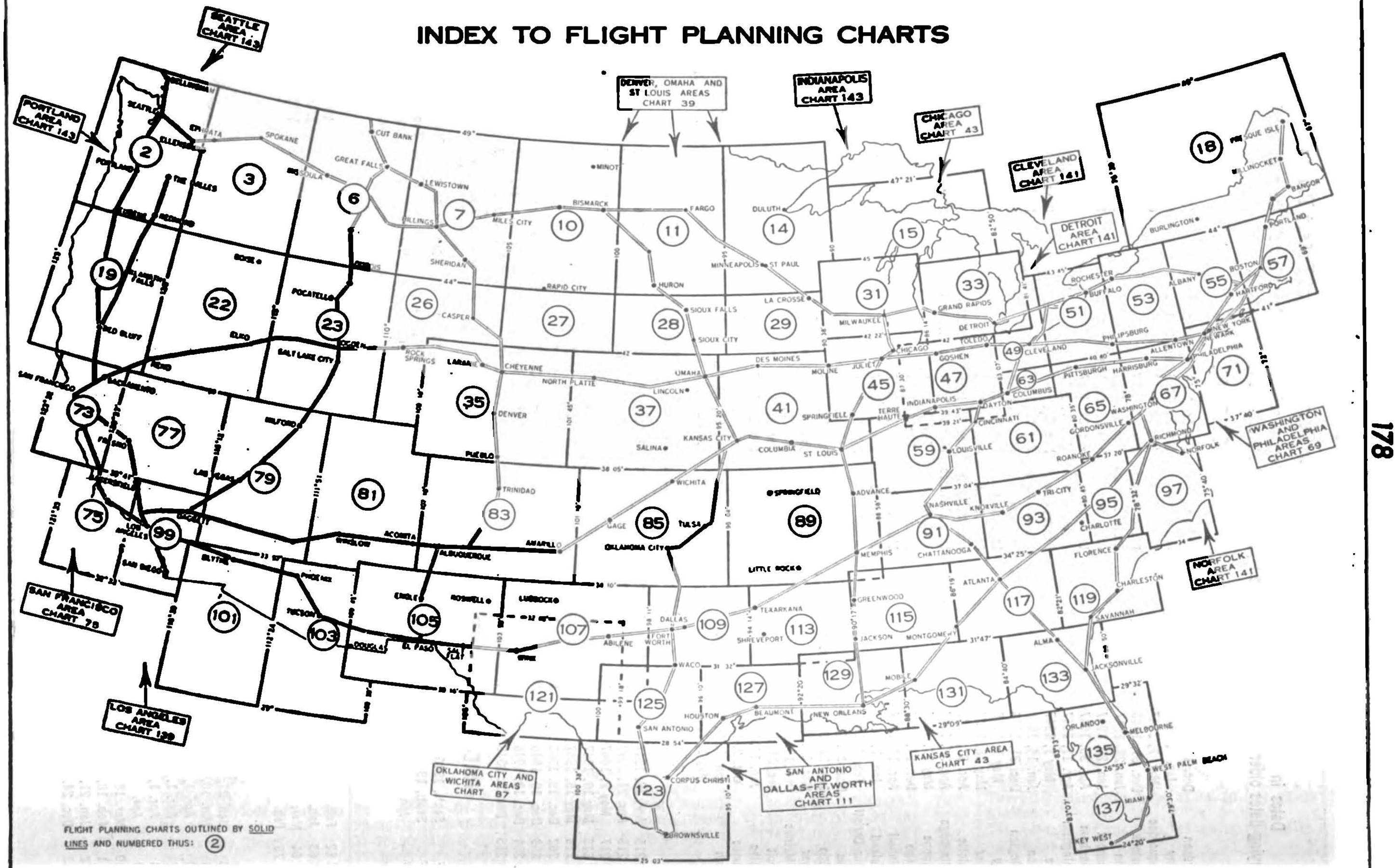
FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb. 18, 1947	FC 178	May 12, 1947	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	Mar. 18, 1947	FC 15	Apr. 1, 1947	FC 181	Jan. 14, 1947	FC 216	Apr. 24, 1947	FC 226	Dec. 12, 1946
FC 6	Apr. 1, 1947	FC 16	Dec. 24, 1946	FC 182	Feb. 12, 1947	FC 217	Mar. 21, 1946	FC 227	Dec. 30, 1946
FC 7	Apr. 1, 1947	FC 42	Nov. 19, 1946	FC 183	Nov. 7, 1946	FC 218	Apr. 16, 1947	FC 228	Jan. 14, 1947
FC 8	Apr. 1, 1947	FC 43	Feb. 17, 1947	FC 184	Apr. 11, 1947	FC 219	Mar. 5, 1947	FC 229	Jan. 17, 1947
FC 9	Apr. 1, 1947	FC 173	Nov. 25, 1946	FC 185	May 10, 1947	FC 220	Mar. 7, 1947	FC 230	Jan. 31, 1947
FC 10	Mar. 18, 1947	FC 174	Dec. 2, 1946	FC 186	Feb. 10, 1947	FC 221	May 12, 1947	FC 231	Jan. 14, 1947
FC 11	Feb. 18, 1947	FC 175	Jan. 8, 1947	FC 187	Feb. 16, 1947	FC 222	Dec. 2, 1946	FC 232	Apr. 7, 1947
FC 12	Jan. 21, 1947	FC 176	Mar. 28, 1947	FC 188	Mar. 13, 1947	FC 223	Nov. 21, 1946	FC 233	Mar. 25, 1947
FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Feb. 5, 1947	FC 224	Dec. 8, 1946	FC 234	Dec. 2, 1946

PLANNING

3060b	Mar. 4, 1947	3069a	July 9, 1946

INDEX TO FLIGHT PLANNING CHARTS



FLIGHT PLANNING CHARTS OUTLINED BY SOLID LINES AND NUMBERED THUS: (2)

RECEIVED
SEP 18 1947
O. S. U. LIBRARY

AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 8 ..... JULY 8, 1947

This issue includes all data on record as of 0001 E.S.T: on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI
AIR NAVIGATION RADIO AIDS AND AIRPORT DATA, LEGEND ..... XII - XIII
FLIGHT PLANNING CHARTS AND DATA PAGES ..... 1 - 143
V.H.F. RANGE CHARTS ..... 144 - 147
AIRWAY MILEAGES 148
NOTICES TO AIRMEN 149

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVERED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES, RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH (R) (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS,

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED (R) AND (O) SYMBOLS. THE (R) (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE (O) SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

(R) and (O) SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

[redacted]AMA
Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer, Durham (115)
Birmingham R,T (115)
"Central Park (115)
"Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton, Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (91)
" Pryor (91)
Demopolis (115)
Dothan A,R, (131)
Dothan
" Napier (131)
"Southern Airmotive (131)
Eden FM (115,117)
Elberta, Kaiser's Tract (131)
Elmore (115)
Enterprise (131)
Eufaula, Weedon (117)
Eutaw (115)
Evergreen, Middleton
Faircloth (131) (131)
Fayette Mun. (115)
Flomaton (131)
Foley, Barin (131)
Foley, Canal (131)
" Magnolia (131)
Ft. Payne, (117)
" Davenport (91)
" DeSoto Park (91)
Gadsden (117)
" Goodyear (117)
" Gulfsteel (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville, Lakeman (115)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson, McKee (131)
Jasper, Walker Co. (115)
Kaisers Tract (131)
Lillian, Faircloth (131)
Luverne (131)
Magnolia (131)
Maxwell R,T, (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile, Davis (131)
Montgomery
" Allenport (117)
" Dafnelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
" Norman Bridge (117)
Muscle Shoals A,R, (91)
Ozark (131)
Prattsville, Deatsville Aux. (115)
Prichard, Chastain's (131)
Robertsdale (131)
Scottsboro (91)
" N. Sauty Base (91)
Selma
" Autaugaville (115)
" Craig R,T (115)
" Dallas (115)
" Selma-Selfield (115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuskegee (117)
" Moton (117)
Wolf (131)
ARIZONA
Ajo (101)
Amado, Kinsley Ranch
Ashfork (79) (103)
Bisbee (103)
Bowie (103,105)
Cactus, N. Phoenix (103)
Cameron (81)
Casa Grande
" Three Point (103)
Chandler, Williams T (103)
Clifton-Marenci (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
Datelan (101)
Davis-Monthan T (103)
Deep Lake (81)
Douglas (103,105)
" Forrest #2 (103,105)
" International (103,105)
" McNeal #1 (103,105)
Duncan (103,105)
Flagstaff, Koch (81)
Florence (103)
Forest #2 (103,105)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #5 (101)
" #6 (101)
Globe, Cutter (103)

NEW FACILITIES: Foley, Ala., Oak (131) Dewey-Humboldt, Ariz. (79) Gilbert, Ariz. (103) Oneonta, Ala., Moody (91) Russellville, Ala. Wood-Dearing (91) Bridgeport, Ala., Alatennga (91) Foley, Ala., Oak (131) Lanett, Ala., Valley (117) Livingston, Ala., Jackson (115) Tuscumbia, Ala., Tri Cities (91) Camp Verde, Ariz. (81) Glendale, Ariz., Fram (103) Winfield, Ala. (115) Decatur, Ala., Flint Creek (91) Elberta, Ala., Wolf (131)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park(103) (101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A,FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales,Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" Ernest A.Love (79)
Quartzsite (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Mun. (103,105)
Sahuarita Figt Strip (103)
St. Johns (81)
Salome (101)
" Int. (101)
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-MonthanT(103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels Ranch (103)
Vail FM (103)
Valle (79)
Wellton (101)

White River
" Fort Apache (103)
Wickenburg Mun (101)
" Sky Ranch (101)
Willcox
" Cochise Co. (103)
Williams (79)
" AAF T (103)

Winslow A, R (81)
Yucca (79)
Yuma Co. (101)

Yuma, Marsh (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville A,R (89)

Brinkley (89)
Bruins FM (89)
Cabot, Baily (89)
Calico Rock,Copp (89)
Camden,Grayson(113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant,Overhold (89)
Crossett,Ashley Co. (113)
DeWitt,Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Springs (89)
Fayetteville (89)
Flippin,John's Airpk(89)
Forrest City (89)
Fort Smith (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs,Memorial (89)
Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern,Harlas (89)
Manila (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)
Ola, Norman (89)
Ozark,Whitman (89)
Palmer,Bilbrech (89)
Paris (89)
Pine Bluff R (89)
"Grider (89)
" Toney (89)

Prescott A,FM (113)

Rogers (89)

Round Pond (89)
Russellville,Ark.Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart A,R (89)

" Dockery (89)
" Hazen (89)

Texarkana A, R (113

Walcott #3 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis,Bowen (89)
" Levee (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Figt Strip (19)
Anderson,Pinnegar (19)
Antioch (75)
Arcata H,R (19)
Armitage (77)
Artesia,Cranford(139)
Auburn FM, A (73)

Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake,Wishon,USFS
Bay Point FM (73) (77)
Beckwourth,Plumas(19)
Bellflower (139)
Belmont A, FM (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, (19)
" Int. (19)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros.(101)
Bridgeport,Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term.
Calexico (101) T (139)
Callahan FM (19)
Camarillo,Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castaic FM (99,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth H,FM

Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg,Borges-Clarksburg (73)
Clarks Dry Lake(99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Baldwin (77)
Corning (19)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (73)
Covelo,Round Valley(19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City,Hughes(139)
Daggett A, R (99)
Davis,State Forestry
" University(73) (73)
"Winters Figt Strip(73)
Death Valley Junction
" Amargosa (77)
Delano-Kern Co. (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba,Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos
" Eagle (73)
Downey FMH,FM (99,139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (19)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido,Engel (99)
Estrella (75)
Eureka A, FM (19)
"Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
"Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch(19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)

Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler(77)
" Fresno-Skylark (77)
" Furlong (Co.Club)(77)
" Hammer (77)
Fullerton (139)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)

Glendale H (139)
" Grand Central T(139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A,FM(73,75)
Hamilton H,T (73)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch(73)
Helendale (99)

Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A,FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit(101)
Inyokern, Armitage T(77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport,Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (19)
Lebec FM (75,99)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey,Colburn (77)
Little River
" Mendocino (19)
Livermore OLF (75)
" Sky Ranch (75)
Lodi (73)
" Lind's (73)
" Lodi Arpk (73)
Lomita(139)

Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R,T (99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R,T(99,139)
"Culver City (139)

" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake,Hoberg(73)
McClellan T (73)
McCloud,Ash Creek(19)
Madera (77)
Manteca,Summer Home (73)
Manzanar,Inyo Co.(77)
Marsh T (99)
Maricopa,Cuyama(75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca,Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar,MCAS T (99)
" OLF (99)
Modesto (73)
Moffett R,T(75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill,Valley(73)
Mountain View (75)
" NAS (Moffett)R,T(75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark H, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk.(139)
Oakland R, T (73,75)
Oceanside H,FM (99)
" Camp Pendleton(99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai,Henderson (75)
Olancha;Adamson (77)
" Monache Meadows (77)
" Templeton Meadow
" Tunnel (77) (77)
Ontario T (139)

Oroville (19)
Otay NAAS,Brown (99)
" Wolfe's Arpk (99)
Oxnard-Ventura Co.(75)
" Camarillo-Ventura
Palisades (139) Co.(75)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A,R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)
Puente Sky Ranch(139)
Quincy,Sky Harbor(19)
Ramona (99)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" GreatWestern (77)
Rialto,Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)

Rosamond,Barnes (99)

Rosedale (99)
Sacramento R,T (73)
" Branstetter (73)

" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)

Salton Sea (99,101)
" Borego Hotel (101)
" Clark's Dry Lake(99)
" Ocotillo (101) 101)
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T
" Peik (99) (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T(73,
" Gap H (75) 75)

San Jacinto,Harmon(99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley
San Mateo (75) (99)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro,Terminal Island T (139)
San Rafael
" Hamilton H, T (73)
" Marin Co,Inc.(73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co.(139) (139)
Santa Barbara R,T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez,Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)
Sausalito FM (73,75)
Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora,Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford,Newton (77)
Strathmore,Trauger(77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co.(75,77)
" Taft-Kern Co.Aux.(75,
" Taft-Kern Co. 77)
#2 (75,77)
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona A, R (77,99)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp.
Turlock (73) (77)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)

Vallejo Sky Harbor(73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)

Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (39)
Westhaven

Whitmore R (39)
Williams R (39)
" Dalton, com. (39)
" Int. (19)
Willits (19)
Willows-Glenn Co.(19)
Winters Figt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville,Vossler (77)
Yermo,Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City,Fremont Co.
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35,39)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (26,35)
Creede (83)
Dacona FM (35,39)
Delta,Starr Nelson
Denver R(35,39) (81,35)
" Buckley T (39)
" Civil Air Patrol (39)
" Combs (39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont,Rutledge (39)
Durango (81)
" City-County (81)

Eads (35)
Eagle A, R (26,35)
Englewood (39)
Estes Park (26,35)
Fairplay,Teter (26,35)
Flagler (39,35)
Fort Collins (26,35)
Fort Morgan,Young (35)
Fountain FM (35,39)
Franktown FM (35,39)
Glenwood Spgs (26,35)
Golden,Creighton (39)
Granby (26,35)
Grand Junction R (26)
" Walker (26)
Greeley,Crosier (39)
Gunnison
" Meeker Ranch (35)
Henderson FM (35,39)
Holly, Romer (83)
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post (35)
La Junta R (35)
" AAF (83)
" Arlington #4 (35)
" Bridges (83)
" Las Animas (83)
" Rocky Ford (35)
Lamar (83)
Las Animas (83)

Limon, Blake's Prairie Port (35)
Lindon, Roderick (35)
Longmont (39)
Lowry T (39)
Mancos (81)
Meeker (26,35)
Mesita,Costilla Co.(83)
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB (39)
Rangely
" Rangely Heights (39)
Rifle (26,35)
Rocky Ford (35)
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff,Valley (39)
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (26,35)
Walsh, Griffin (83)
Watkins FM (35,39)
" East Colfax (39)
Westcliffe,Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (39)
Bristol
" Stephenson (55)

NEW FACILITIES: Gourdon, Ark.(113) Warren, Ark., Griffin(113) Parkin, Ark., Lessenberry(89) Cameron, Ariz., Marble Canyon (81) Monticello, Ark.(113) Clinton, Ark., Patton(89) Selma, Calif., Palomino(77) Montrose, Colo., new (35,81) San Rafael, Calif., San Francisco Bay (75) Benecia, Calif., Southampton Bay Air Harbor (73) Arcata, Calif., Redwood T (19) Mt. Ida, Ark., Toloson (89) Westwood, Calif.(19) Tuscon, Ariz., Mission(103) Scotia, Calif.(19) Kremmling, Colo.(35) Seligman, Ariz.(76) Almyra, Ark., Prairieville(89) Batesville, Ark.(89) Paragould, Ark., Alexander(89) Stratford, Calif., Rowan(77) Bieber, Calif.(19) Hamburg, Ark., Carpenter (113) Centerville, Calif., Center (75) Fair Oaks, Calif., Sky Nook (73) Gilroy, Calif.(73) Golden, Colo. FM (35,39) Beebe, Ark., Addington(89) Mesa, Ariz., Oasis(103) Payson, Ariz. (81) Peach Springs, Ariz. (79) South Phoenix, Ariz.(103) Taylor, Ariz., Taylor-Snowflake (81) Wickenburg, Ariz.(101) Winona, Ariz.(81) Arkansas City, Ark.(113) De Queen, Ark.(109) Calpine, Calif.(19) Ansonia, Conn.(55) Springerville, Ariz., Springerville-Eager (81,105) St. Michaels, Ariz., Window Rock (81) Chino, Calif., Cal-Aero (139) Hereford, Ariz., Nicksville(103) Hereford, Ariz., Y-Lightning(103) Pine, Ariz.(81) Tuscon, Ariz., Desert Skylodge(103) Almyra, Ark., Prairieville(89) Carlisle, Ark., Aux.(89) Heber Springs, Ark.(89) Adelanto, Calif., El Mirage(99) Boulder Creek, Calif.(73) Fillmore, Calif.(139) Ft. Bragg, Calif., White(19) Fortuna, Calif.(19) Garberville, Calif.(19) Rialto, Calif., Miro-Fontana(99) Santa Paula, Calif., Harvey(75) Solemint, Calif., 6 S Ranch(139) Sunset Beach, Calif.(139) Three Rivers, Calif.(77) Weed, Calif., Jackson Ranch(19) Westminister, Calif., Cypress(139) Alamosa, Colo., Kramer(83) Hackberry, Ariz.(79) Placerville, Calif.(73)

Canaan (55)

Danbury (55)
East Hartford
" Rentschler T (55)
Essex, Deane (55)
Groton, Trumbull (55)
Hartford R (55)
" Brainard T (55)
Madison
" Hammonasset (55)
Meriden FM, T (55)
Milford (55)
Monroe (55)
Moosup FM (57)
New Haven (55)
Plainfield (57)
Plymouth
" Waterbury (55)
Putnam (57)
Salem (55)
Shelton, Island (55)
Simsbury (55)
Somers, Kinsley (55)
Stonington (57)
Southington (55)
Wallingford
" Lufbery (55)
Waterford (55)
Watertown (55)
West Haven (55)
Windham (55)
Windsor Locks
" Bradley T (55)

[redacted]

Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sungio (67)
Frankford, Sussex (67)
Georgetown, Sussex Co.
Harrington (67)
Laurel (67)
" Holly Brook (67)
Lewes, De Vries (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
" New Castle Co. R, T,
Rehoboth Beach (67)
" Rehoboth Acftrs (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T (67)

[redacted]

Washington R (67, 69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)

[redacted]

Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)

Avon Park (135)
" AAF (135)

Bagdad (131)
Banana River R (135)
" NAS T (135)

Bartow (135)
Beacon (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bryceville (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133, 135)
Carabelle Flgt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (135)
Clewiston (137)
Cocoa (135)
Conners (135)
Crestview A, R (131)
Cross City A, R (133)
Daytona Beach A, R (133, 135)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dunnellon (135)
Eglin R, T (131)
Ellenton (135)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)

Ft. George Isl. FM (135)
Fort Lauderdale FM, A
" Davie (137) (137)
" NAS (137)

Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (135)
" (mun.) (135)
Gainesville (133)

" Stengel (133)
Green Cove Spgs
" Lee OLF (133)
Haines City (135)

Helm (131)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead (137)
" Mun. (137)
Immokalee Arfld
(Aux.) (137)
" Int. (137)
Jacksonville R, (133)
" NAS R, T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)

Jacksonville
" Flemings Isl. (133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland, Drane (135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach
Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center (135)
" Gray's (135)
Live Oak FM (131, 133)
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)

" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A, R, (135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center (137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka) (137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM (137)
Middleburg (133)
Milton (131)
" Whiting NAS (N.) R,
T (131)
" Whiting NAS (S.) (131)
" Santa Rosa (131)
Minneola, Kerlin (135)
Molino FM (131)
Montbrook (133, 135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor (133, 135)
Okeechobee, Connors
Orange City (135) (135)
Orlando R (135)
" AAB (Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin (133)

Palatka, Sawyer (133)
Panama City (131)
" City Arpk (131)
" Skyland (131)
" Tyndall R, T (131)
Pensacola A, R, (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk (131)
" NAS (Chevalier) T (131)
" Corry (Ed. W. Flds)
" OLF #1 (131) T (131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial (133, 135)
Pinecastle (135)
Plant City (135)
" Robinson (135)
Pompano, North Pompano (137)
Punta Gorda (135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted (136)
" Pinellas Co. International T (136)

" Sky Harbor (136)

Sanford (135)
" Osceola (135)
Sarasota-Bradenton (135)
" Commercial (135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland (135)
Sebring (135)
" Air Terminal (135)
Spencer (131)
Stock Isl. LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O. Knight (135)
Tennile (133)
Titusville (135)
" Cocoa (135)
Tyndall R, T (131)
Valparaiso, Eglin R, T (131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)

Valparaiso, Eglin #9 (131)
Venice, Aux. (135)
" Mun. (135)
Vero Beach A, H (135)
Wauchula (135)
West Palm Beach R (137)
" Morrison T (137)
Whiting NAS (N.) R, T
" NAS (S.) (131) (131)
Whitehouse (133)
Williston, Montbrook (133, 135)

Winter Haven
" Gilbert (135)
" Orlando Aviation
Country Club (135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A, R, (133)
" Turner (133)
" Turner #1 (117)
Alma A, R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R, T (117)
" NAS (Camp Gordon)
" Lakewood (117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser (133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady (133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton, (117)

Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T, R (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Donalsonville (131)
Douglas,
" So. Georgia College (133)

Dublin (117)
East Point LFM (117)
Elberton (117)

Fitzgerald (133)

Fitzgerald, Three "B"
Folkston (133) (133)
Forsyth, Zellner's (117)
Gainesville (117)
Glennville (119)
Glynco R, T (133)
Griffin-Spalding (117)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
HomervilleFlgtStrip (133)

Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange, Calloway (117)
Lake Park #2 (133)
Lawrenceville, Wages (117)
Lawson R, T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings (117)
Millen
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton (117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A. FM (133)

Sandersville,
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
"Savannah-Wilmington
Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant
Memorial (117)
Thomasville AAF (133)

Thomasville Com. (133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion (91)
Turner A. FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)

" Moody (133)
" Rocky Ford #1 (133)
Vidalia-Lyons (117)

Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington, McGill (117)
Waycross AAF (133)
" Civil Air Patrol (133)
Waynesboro (119)
Whitman Flgt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Flgt Strip (22)
Arco (23)
Big Springs (6)
Boise R (22)
" Air Terminal T (22)
" Bradley (22)
Buhl (23)
Burley A. R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A. R (6)
Eagle FM (22)
" Floating Feather (22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs (23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)

McCall (3)
Mackay (23)
Malad City R-A (23)
Montpelier (23)
Mountain Home FM (22)
" AAF (22)
" Site 2, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A. FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's) (23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar: "S" (23)
Strevell H. A (23)
Tensed
" Tekoa Fly. Club (3)
Twin Falls (23)
Victor (Bennett Fld) (23)
Weiser (3)

[redacted]

Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (59) (41)
Armington, Medbury 45)
Ashburn LFM (43, 45)
Aurora (43)
Beardstown (39)
Belleville
" Cundiach (39)
" Scott T, R (39, 41)
Bensenville
" Sky Haven (43)
Bloomington (45)
Blue Island, Howell (43)
Blue Mound
" McCoy (41)
Bradford H, A (41, 45)
Cairo, N. Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill. (45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R, T (43, 45)
" Ashburn (43)
" Chicago-Orchard Place (43)
Chicago Heights
" Ashland Ave. (43)
Clinton Fly. Club (45)
Dalton City, Moody
Danville (45)
" Vermilion (45)

Decatur (41, 45)
" Park District (45)
De Kalb, Interstate (45)
Des Plains
" Ravenswood (43)
Dixon (41, 45)
Earlville, Clearview (45)
East St. Louis
"Parks Metropolitan (39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R, A (59)
" Co. Memorial (59)
Elgin
" Kane County (43)
Elmhurst
" Chicago-Elmhurst (43)

Fairfield
" B & K Fly. Svc. (59)
Piatt, Hi-Way (41, 45)
Flora (59) (45)
Franklin Park FM (43)
Freeport, Albertus (45)
Galesburg (41, 45)
George (59)
Gillespie, H & S (39)
Glenview NAS T, R (45,
" Pal-Waukee (43) 43)
Grayslake (43)
Harvey R (43, 45)
" Rubinkam (43)
Havana, Matansas (41,
Highland-Winet (39) 45)
Hillsboro (41)
Hinsdale (43)
Homewood
" Washington Park (43)
Hoopeston, Russell's
Horace (45)
" Midway Aviation (45)
Jacksonville (39)
Jerseyville FM (39, 41)
Johnsburg Arpk. (31)
Joliet R, A (43, 45)
Kankakee (45)
La Grange, Stinson (43)
Lansing
" Chicago-Hammond (43)
La Salle, Vogel (41, 45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport (43)
Lombard
" York Township (43)
Macomb (41, 45)
Marion (59)
" Macarin (89)
Mattoon (59)
Mendota
" Fitzgerald (41, 45)
Moline R, (41, 45)
Momence (43)
Monmouth (41, 45)
Morris (43)
Morton (41, 45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (89)

Muddy, Harrisburg-El Dorado (59)
Nashville (41)
Newark FM (45)
Northbrook
" Sky Harbor (43)
Oaklawn, Harlem (43)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41, 45)
Peoria A, R (41, 45)
" Mt. Hawley (41, 45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian
" Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Rantoul, Chanute R, T
Roanoke (45)
" Phil-Larry (41, 45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (43)

St. Elmo
" Smith Aviation, (59)
St. Francisville
" Presbyterian Church #3 (59)
Salem, Leckrone (89)
Sandwich (45)
Scott T, R (39, 41)
Shelbyville
" Shelby Co. (59)
Sheldon
" Disosway (45)
" Powell Bros. (45)
South Beloit
" Beloit-So. Beloit (31)
Springfield A, R (39, 41,
Steger, Will Co (43) 45)
Sterling (41, 45)
Stockton (45)
Streator Air Svc. (45)
Sycamore
" Kishwaukee (45)
Taylorville (41)
Tinley Park
" Prosperi (43)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun. (41)
Van Orin (41, 45)
Warren, Evergreen (31)
Waukegon (31)
" Lake Co. (31)
Wooddale (43)

INDIANA

Advance FM (47, 143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (59)
Attica (45, 47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (59)

NEW FACILITIES: Richfield, Idaho, Adkins(23) Shoshone, Idaho, Andrew(23) Woodstock, Conn., DeFlorez(57) Milford, Ill.(45) Mt. Erie, Ill., Van Fossan's(59) Annapolis, Ind., Port O' The Woods(45, 47) St. Georges, Dela., Red Lion (67) Ormond, Fla.(133, 135) Riddle, Fla.(137) Groveland, Fla.(135) Howey in the Hills, Fla., Howey (135) Live Oak, Fla., Hurst (133) Starke, Fla., Conway (133) Miami, Fla., Tropicaire (137) Panama City, Fla., Hutchinson's Aviation Port (131) Port St. Joe, Fla., Sandpiper (131) Samsula, Fla., Spruce Creek (135) Silver Springs, Fla., Aero Lodge (133) Tarpon Springs, Fla.(135) Winter Garden, Fla.(135) Brunswick, Ga., Arpk (133) Brunswick, Ga., Malcolm-McKinnon (133) Jesup, Ga.(133) Tremont, Ill., Sharon (41, 45) Lincoln, Ill., Flying Service (41, 45) Pona, Ill.(41) Virden, Ill.(39) Jacksonville, Fla., # 1 T (133) Ft. Lauderdale, Fla., South Florida(137) West Palm Beach, Fla., Belvedere Country Club(137) Dawson, Ga., Terrell Co.(133) Albany, Ga., Sky Haven(133) Driggs, Idaho., Teton Peaks, Driggs Mun.(23) New Meadows, Idaho(3) Clewiston, Fla., Riddle(137) Pensacola, Fla., Edwards(131)

Bedford,Sky Haven (59)
Bloomfield,Crays Fly. Service (59)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Bluffton,Bluffton-Wells County (47)
Brownsburg (143)
Buck Creek,Fair Acres (45,47)
Bunker Hill (47)
Camby,Owen Pathfinder (143)
Cedar Grove FM (59)
Chalmers
" **Monticello (45,47)**
Charlestown (59)
Clayton FM (59,143)
Columbus (59)
" **Atterbury AAF (59)**
Connersville
" **Metlel (47,59)**
Cook, **Cedar Lake** (43)
Corydon,Sky Park (59)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" **Straub (59)**
Danville,Mecca (143)
" **Ste rart (143)**
Decatur, Hi-Way (47)
Demotte,Cheever (47)
Dora, Lincoln (47)
Dyer, Triangle (43)
Elkhart (47)
" **East Side (47)**

Elwood (47)
Emison (59)
Evansville R. T (59)
Fort Wayne R (47)
" **Baer T (47)**
" **Myers (47)**
" **Smith (47)**
Francesville,Jackson (45,47)
Frankfort,Lockwood (45,47)
Franklin Fly.Fld (143)
Freeman (59)
French Lick Sprgs (59)
Gary (45,47)
" Lakeside (43)
" Skyway (43)
Goodland,Kentland **Air Service** (45,47)
Goshen A,R (47)
" **Midway (47)**
Greencastle FM, A (47,143)
Greenfield FM,A (47,
" Farmers (143) (143)
Greenwood
" **White Cloud (143)**

Hobart,Gamble (47)
Huntingburg (59)
Huntington (47)
Wakefield (47)
Indianapolis R,T (47, (143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville,Bush (59)
" New-Albany (59)

Kendallville (39)
Kentland
" Kentfield (45,47)
Kingman 47)
" Kingman Fly Svc (45,
Knox, Starke Co.(45,47)
Kokomo,Ruzicka (47)
" Mun. (47)
Ladoga,Himes (143)
Lafayette R (45,47)
" Aretz (45,47)
" Halsmer (45,47)
" Putdue Univ. (45,47)
" Reimer (45,47)
La Fontaine
" Shaffer's (47)
Lake Village (43)
Lanesville (59)
Lapel (143)
La Porte (45,47)
Lawrenceburg Valley
Lebanon (143) (59)
Liberty Center,Miller
Linton (59) (47)
Lizton (143)
Logansport (45,47)
" Logan (45,47)
Lowell FM (43,47)
Madison
" AAF (59)
" Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Martinsville (143)
McCool H,FM,A (45,47)
Medaryville (45,47)
Mentone (47)
Michigan City (45,47)
" Mid-City (45,47)
Milroy (143)
Mishawaka (47)
" Sportsman (47)
Monticello (45,47)
Morgantown FM (47,143)
Mount Vernon (59)
Mulberry,Stair (45,47)
Muncie (47)

New Carlisle,Gordon (45,47)
New Castle (143)
" Western (143)
Noblesville (143)
North Judson,Kellerman
North Manchester (45,47)
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown,Emison (59)
Ockley (45,47)
Orleans
" Silent Brook (59)
Patoka (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (45,47)
Portland,Bringham(47)
" Steed (47)
Preble, Liniger (47)
Ramsey,Bush (59)
Rensselaer (45,47)
" Jasper Co. (45,47)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rising Sun (59)
Rochester (47)

Rushville,Howell(143)
Salem,Boss-Denien(59)
Scottsburg,Harbor(59)
Selma,Huffman(143)
" Reese Fly.Svc.(143))
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals, Stiles (59)
South Bend R (45,47)
" Bendix T (45,47)
" Cadet (47)
" Chain Lakes (45,47)
Stout T (143)
Syracuse, Spink-Wawasee (47)
Terre Haute R (47,59)
" Hulman (47,59)
" Paul S. Cox (47,59)
Tolleston,Skyway (43)
Utica,Riverview (59)
Valparaiso
" Urschell (45,47)
Vevay (59)
Vincennes,O'Neal (59)
Wabash
" Whittenberger (47)
Warsaw Mun. (47)
" Smith (47)
Washington (59)
" Mun. (59)
Wellsboro (45,47)
" Triangle Air Svc.
West Lebanon, Cork (45,47)
Winchester,Coxey's(47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita,Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" Int. (41)
Audubon Awys (41)
Bellevue (29)
Burlington A,R (41)
Carroll (29)
Cedar Rapids H,A (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun.(29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41,45)
Columbus Jct. (41)
Council Bluffs (39)
Davenport,Cram(41,45)
Decorah
" Tatro Fly. Svc. (29)
Denison (28)
Des Moines R,T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys (29)
Earlham FM (41)
Eldora,Emmerts (29)
Elkader Arpk (29)
Emmetsburg,Ryan (29)

Estherville (29)
Fiscus, Briggs (41)
Fort Dodge,Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood FM (37,39)
Grimes, Dodge (41)
Grinnell,Niederhauser Airways (41)
Grand Mound,Grand(41)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove
" Nicholson (28)
" Flying Service (28)
Independence (29)
Indianola FM (41)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Lenox (41)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Marshall (29)
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)

Melbourne
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr,Mt.Ayrport(41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
" Flying Service(41)
Ocheyedan,Peters(28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville,Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R,T (28)
Sloan FM (28)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland,Liberty (28)
Traer (29)
Villisca,Tyler (41)

Washington (41)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A,H (85)
Arkansas City (87)
" Baird (87)
Ashland (85)
Atchison,Hawk's (43)
Atwood (37)
Augusta (87)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddit Hutton (37)
Bucklin (85)
Burdett Fly. Club (37)
Caldwell (87)
Cassoday (85)
Cedar Pt.,Clothier (37)
Cedar Vale (85)
Chanute A, R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly. Fld(85)
Colby (37)
Coldwater,Stark (85)
Concordia Mun. (37)
" Blosser (37)
Derby (87)
Desota FM (41,43)
Dodge City A,H (85)
" AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville,Fisher's
El Dorado (87) (43)
" Frasier (87)
Elkhart (83)
Ellinwood (37)
Ellsworth (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R. T (37)
Fort Scott (89)
Fredonia (85)
Garden City A, R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A, H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton,Strickland(85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington (37)
Holyrood (37)
Hoxie (37)

Hugoton, Hap (83)
Hutchinson A, R (85)
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson (83)
Junction City,Ritter(37)
Kansas City,
" Fairfax T (43)
Kanorado,Winter (35)
Kechi FM (85,87)
Kingman (85)
" Hi-Way (85)
Kiowa Fly. Svc. (85)
La Crosse, Hoover (37)
Lakin,Puckett's (83)
Larkinburg (37)
Larned (37)
Lawrence (43)
Leavenworth
" Le Compton (43)
Lebo A, R (37)
Lenexa, Allman (43)
Lenora (37)
Liberal (85)
" Glenn Martin (85)
Lyons (37)
McPherson (37)
" Janssen Skytell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie (37)
Mankato (37)
Marion (37)
Marshall R, T (37)
Marysville (37)
Meade (85)
Medicine Lodge (85)
Moline,Elk Co. (85)
Moundridge (37)
Ness City,Nesseo (37)
" Ness Fly.Club(37)
Newton (87)
Norton (37)
Oakley (37)
Oberlin (37)
Olathe, Hall's (43)
" NAS R, T (41,43)
" OLF #2 (43)
" OLF #4 (43)
" OLF #7 (43)
" OLF #9 (43)
Ottawa (43)
' Conard (43)
Oxford FM (85,87)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" Atkinson (89)
Plains (85)
Pratt (85)
" AAF (85)
Protection (85)
Russell (37)
St. Francis (35)
St. John, Firebaugh (85)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)

Seneca (37)
Sharon Springs (35)
Sherman T (43)
Smith Center (37)
Smoky Hill R, T (37)

Stafford (85)
Stanley,Country Club (43)
" State Line Arpk (43)
Sterling Air Svc.(37)
Summerfield (37)
Syracuse (83)
" Int. (83)
Topeka R, T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (85,87)
Tribune,Pickrel-Farmer Fly.Svc (35)
Viola FM (85,87)
Wakefield,Elkins (37)
Walker (37)
Wellington (87)
Wellsville,Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)
" Cannon Ball (87)
" Cessna Acft (87)
" Culver (87)
" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" -Arkansas City (87)

KENTUCKY

Ashland (61,63)
Bowling Green A,R (91)
Campbell (91)
Campbellsville (59)
Cedar Bluffs,Princeton (91)
Coal Run, Pikeville (61)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville,Goodall (59,61)
Darfolk, Codell (61)
Dillon, Harlan (93)
Eastwood FM (59)
Elkton, Standard (91)
Falmouth (61)
Fort Knox,
" Godman R, T (59)
Frankfort,
" Silver Lake (59,61)
Glasgow,Davis-Norris
Glendale (59) (91)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Hazel, Marian (91)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Knifley,Streeval (59)
Lebanon (59)
" Betzel (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)

Lynch, Cumberland Valley (93)
Madisonville (59)
" Agee Williams (59)
Manchester, Sky (61)
Mayfield
" Graves Co. (91)
Maysville (61)
Melbourne,Ross (61)
Middlesboro (93)
Milford (61)
Monterey,Karsner (59)
Monticello
" Rice (93)
Mt. Washington (59)
Nolin, Kernek's (59)
Owensboro (59)
Paducah
" McCracken (91)
" Howell (59)
Paintsville (61)
Paris (61)
Prestonburg (61)
Raceland
" Aiken (61)
Richmond, Port Richmond (61)
Shelbyville,Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)
West Point (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
Bogalusa (129)
Camp Polk,North (127)
" South (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memorial (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A, H (129)
" Boise de Lafayette (129)
" Girard (129)
Lake Charles R (127)
" AAF (127)
" N Lake Charles (127
Lake Providence (113)
La Place FM (129)
Leesville (127)

Logansport, Johnson (113)
Madisonville FM (129)
Mansfield
" De Soto Parish(113)
Many
" Hart (113)
Minden (113)
Moisant International T (129)
Monroe A, R (113)
" Selman (113)
" Arpk (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton
" Burnside & Mc Donald (113)
New Iberia (129)
" Iberia Parish (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
" NAS (129)
" Meraux-Neunez(129
" Moisant International T(129)
New Roads
" False River (129)
North Camp Polk(127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Quebec,Arneson(113)
Ruston (113)
Shreveport R,T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Slidell, Pravado (129)
Sondheimer,Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood(129)
Winnfield
" Joyce (113)
Winnsboro (113)

MAINE

Andover (18)
Ashland,Snowman's (18)
Auburn
" Dingley (18)
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A, R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton,Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doane's (18)
Bridgewater
" Nelson's (18)

Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Figt Strip(18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A, R (18)
Hudson, Robbins (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston
" Central (18)
Limestone FM (18)
Livermore Falls (18)
Madison
" Weston (18)
Mallawamkeag, Moscone's (18)
Mapleton, Community Arpk (18)
Mars Hill (18)
Millinocket A, R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Patten
" Webb's (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A, R (57)
Presque Isle R, T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway (18)
Rumford (18)
Sanford, Goodall (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (57)
Turner
" Rollins Flying Svc (18)
Washington, Austin (18)
Waterville (18)

West Buxton
" Hilltip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T (67)
Andrews R, T (69)
Annapolis, Seaplane T (67)

Annapolis Inc. (67)
" Dixie (67)
" Lee Annapolis (67)
Baltimore R, T (67)
" Diffendahl (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM,A(67,69)
Berwyn
" Capital (69)
Brandywind R (67,69)
" Curtis (69)
Camp Springs
" Andrews R, T (69)

Chesterton, Gill (67)
Churchville
" Aldino (67)
Clinton
" Hyde (69)
College Park (69)
Croom
" Columbia Air Center (69)
Cumberland (65)
" Mexico Farms (65)
Doncaster FM (67,69)
Easton
" Webb (67)
Edgewood Arsenal (67)
Elkton, Lovett (67)
Fort Meade (69)
Frederick
" Stevens (67)
" Frederick City (67)

NEW FACILITIES: Yorktown, Ind.,Delaware (143) Ulysses, Kans. (83) Bradford, Me.,Snow (18) Brownville Junction, Me.,Prairie (18) Enfield, Me.,Swasey's (18) Ft. Fairfield, Me.,Aroostook Fly. Svc.(18) Ft. Kent, Me.(18) Jackman, Me. (18)
July 8, 1947 Presque Isle, Me.,Northland (18) Turner,Me.,Twitchell's (18) Beachville,Md.,Webster T (67) Croom,Md.,Mattaponi Sky Club(69) Dewitt, Iowa (41) Hill City, Kans.,Mun.(37) Osawatomie, Kans.,Osawatomie-Paola(43)

Glenburnie
" Whipp (67)
Greenbelt
" Schroon (69)
Hagerstown (67)
Hyattsville
" Queens Chapel (69)
Meekins Neck FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (69)

Riverdale
" Erco (69)
Rock Hall (67)
" Faybeck (69)
Rockville
" Congressional (69)
Salisbury (67)
" Delmarva (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminster,CAP(67)
Worton

" Kent (67)

MASSACHUSETTS

Adams (55)
Agawam Land & Seaplane Base (55)
" Bowles (55)
Auburn (57)
Ayer (57)

Barre Plains
" Hiller (57)
Bedford H,T (57)
Beverly (57)
Billerica
" Shawsheen Plnes(57)
Boston R (57)
" Logan T (57)
Brant Rock FM (57)
Brockton (57)
Brookfield (55)
Canton
" Boston-Metro (57)
Chatham (57)
Chicopee Falls
" Westover R,T (55)
Clinton,Bolton (57)
Dedham FM (57)
Dracut,Richardson(57)
East Brookfield (55)
Easton FM (57)
Edgartown (57)

Essex,Cape Ann (57)
Everett FM (57)
Falmouth (57)
" Otis (57)
Fitchburg (57)
Franklin FM (57)
Gardner (55)
Great Barrington (55)
Groton (57)
Hatfield,Pilgrim (55)
Haverhill (57)
Hyannis (57)
Lawrence (57)
Leicester (57)
Mansfield (57)
" Sherman Memorial (57)

Marlboro (57)
Meridon (57)
Monogue
" Turners Falls (55)

Nantucket Ml. (57)
New Bedford (57)
Newburyport
" Plum Island (57)
Norfolk
" Franklin-Norfolk(57)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)

North Attleboro
" Wilkins Fly.Fld (57)
North Grafton
" Grafton (57)
Norwood (57)
Oak Bluffs (57)
Orange (55)
Otis (57)
Palmer
" Metropolitan (55)
Peabody FM (57)
Pepperell, Glow (57)
Pittsfield (55)
Plymouth (57)
" OLF (57)
Provincetown Landing
Revere (57) (57)
Seekonk
" Providence (57)
South Boston LFM (57)
Southbridge (55)
South Easton,Ames(57)
South Weymouth T (57)
Spencer (57)
Springfield (55)
Squantum R,T (57)
Taunton,King (57)
Vineyard Haven
" Martha's Vineyard (57)
Wareham,Co.Club(57)
West Barnstable
" Cape Cod (57)
Westboro (57)
Westfield R (55)
" Barnes (55)
Westover R,T (55)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (57)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141)

Armada,Center (33)
Atlanta (15)
AuGres (15,33)
Baldwin (15,33)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Clements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15,33)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15,33)
Clio, West's (33)
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystall Falls
" Haight (15)
Davison,Seely's(33)
Detroit H (33,141)
" Burns (141)
" Detroit City T (141)
" Ford (141) (141)
" Grosse Isle NAS
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co. (33)
Douglas
" Saugatuck-Douglas
Dowagiac (31,33)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15,31,33)
Fraser,McKinley(141)
Galesburg
" Avia.Coun.Club(33)
Gaylord
" Otsego Co. (15)
Gladwin A,H (15,33)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)

Harbor Beach (15,33)
Harrison (15,33)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton A,R(15)

Houghton Heights
" Houghton Lake (15)
Howell (33)
Indian River
" Campbell (15)
Ionia (33)
Iron Mountain,Ford (15)
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Loretto (15)

Ludington
" Mason County(15,31)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15,
Manistique 21)
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31,33)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15,33)
Owosso
" Shiawassee Co. (33)
Paw Paw (33)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)

Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15,33)
Raco (15)
Renton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (33,141)

Roscommon (15,33)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (33,141)
St. Helen (15,33)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (33,15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Haines (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air Term.
" Stinson (141) (141)
West Branch
" La Porte (15,33)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (33,141)
Wyandotte,Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)

Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth A,R(14)

Ely (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Faribault (14)
Fergus Falls (11)

Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch
Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T
Montevideo (11) (14)
Monticello,Hincks (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Osseo Landing Fld.(14)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (29)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)
St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Baldwyn (91)
Batesville (89,115)
Beulah,Dossett(113)
Biloxi,Keesler R,T(129)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City (129)
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Jones-Harden (113)
Columbia (129)
Columbus (115).
" Masonic (115)

Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport #1 (129)
" #2 (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole, (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)

Laurel (129)
Leland
" Lakeview (113)

Louisville Air Svc.(115)
Lulu, Bass (89)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Moorhead,Everett (113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)

Philadelphia,Friendly Flying Service (115)
Picayune (129)
Pickens,Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115)
Scooba (115)

Starkville (115)
" Oldibbeha (115)
Stinson (115)
Tupelo (115)

Tutwiler,Strange(111)

Tylertown (129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City(113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage,Myers (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)
Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig,Ward (39)
Diamond (89)
Ellisville (39)
Excelsior Spgs A,FM(41)
Farmington (89)

Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adkins Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas City R,T (41,43)
" Heart of America(43)
" Kansas City-Grandview (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)
Macon,Stephenson(41)
Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl (89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)

" Lambert-St. Louis
" Ross (39) T(39,41)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)
Sedalia (41)
" AAF (41)
Sikeston (89)

Slater (41)
Spanish Lake H,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Awyss (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy,R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros. Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7).
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

NEW FACILITIES: International Falls,Minn.(14) Buffalo, Mo.(89) Pittsville,Mo.(41) Joplin, Mo.,Harper (89) Seymour, Mo.,Owen (89) Van Buren, Mo.(89) Willow Springs, Mo.(89) Dixon, Mo.(89) Exeter, Mo.,Clover Hill (89) Fredericktown, Mo.(89) Gainesville, Mo.(89) Quabbin, Mass H, FM (55) Grand Marais. Mich R (15) Bridger,Mont.(7) Pelkie,Mich.,Baraga (15) New Baltimore, Mich.,Anchor Bay (33) Armada,Mich(33) Bad Axe,Mich.(33) Chesaning,Mich.(33) Fremont,Mich.,City of Fremont (33) Howell,Md.,Midway(67) Hally,Mich.(33) East Tawas,Mich.,Iosco Co.(33) New Hudson,Mich.,Knapp (141)) Lowell, Mich.(33) Plainwell,Mich.,McKay (33) Albion,Mich.,Morgan's (33) Gobles,Mich.,Wesler (33) Brainerd,Minn., Pine Beach (14) Red Oak,Mich.,Lost Creek Sky Ranch (15) Topaz,Mich.,Big Bear (15) Tawas City,Mich (33) Gaithersburg,Md.,Davis (67) Hanover,Mass.,Clark (57) Coldwater,Mich.,Branch Co.(47) Graafschap,Mich.,Tulip City (31,33) L'Anse,Mich.,Muzzy's (15) Monroe,Mich.,Custer (47,49) Springfield,Minn.(14) Quinnesec,Mich.,Northland (15) Romeo,Mich.(33) St. Johns (33) Utica,Mich.(33) Kentwood,Miss.(129) Carrollton,Mo.(41) Eldon,Mo.,Model Arpk (41) Galt,Mo.,Ace High (41) Gorin,Mo.,Wylies (41) Hayti,Mo.,Downing (89) Kahoka,Mo.,Montgomery (41) Lucerne,Mo.,Myers-Hughs(41) Owensville,Mo.,Depperman (41) Palmyra,Mo.(41) Rushville,Mo.,East Atchison (43) St. Clair,Mo. (41) St. Joseph,Mo.,Glenata (43) Dexter,Mich.,Washtenaw (141) St. Joseph,Mo.,Lake Contrary (43) Trenton,Mo.,Embry (41) Tuscumbia,Mo.,Sky Lake (41) Warrensburg,Mo.,Sky Haven (41) Warrenton,Mo.,Zims (41) Warsaw,Mo.(41) Berkley,Mass.,Myricks (57) Benoit,Miss.,McCain(113) Charleston,Miss.,Sayle(115) Crystal Springs,Miss.(113) Merigold,Miss.,Jones(113) North Dighton,Mass.,Mid-City(57) Gregory,Mich.,Richmond(33) Jonesville,Mich.,Jonesville-Merchant (47) Round Lake,Miss.,Watts(113)

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston A, R (6)
" Int. (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Niha FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C.
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico,Eichart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

[redacted]

Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (32)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)

Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron H,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Cozed,100th Meridian
Crawford (27) (37)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
"Grundman (39)
Norfolk (37)
North Platte R (37)

Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'J' Lazy V(35)
" Idle Acres (35)
Ravenna (37)

Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney H, A (35)

Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)

West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Basalt (77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77)

Goodsprings FM(79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Hoot Gibson's(79)
" Sky Haven (79)
" Vegas Sky Corral(79)
Lovelock (22)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)

Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Val'y (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Ventosa (23)
Wadsworth FM (22,77)

Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)

Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18
Hampton (57)
Hinsdale,Brattleboro—
Hinsdale Arpt. (55)
Hooksett Land & Seapl.
Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)

Lebanon A, H (55)
Manchester,Grenier
R, T (57)
Nashua, Boire (57)
" Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White
Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Winchester(55) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Andover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)

Barrington,Merrill(69)
Basking Ridge Sommer-
set Hills (71)
Belmar,Monmouth Co.
(71)
Belvidere,Martins
Creek (53)
Bendix,Teterboro T(71)
Blackwood (69)
Blairstown,Lake Sus-
quehanna(53,71)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69,71)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Cassville LFM (71)
Chatsworth,Coyle (71)
Clarksville,Nassau (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth LFM (71)
Florence(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)

Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley
(71)
" North Brunswick(71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69)
Pittstown,Alexandria
(67)
Rahway,Westfield (71)
Readington,Solberg-
Hunterdon (71)
Red Bank (71)
Richland,Cavolios (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbine (71)
Woodbridge, Shinn-
Woodbridge (71)
Woodbury (69)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
" Tracy (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A, (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)

Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM
(105)
Hobbs R, A (107,121)
" AAF T (107,121)

Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,State
College (105)
Milnesand,Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Peralta FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)

Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge
(55)
Bethpage,Grumman T(71)

Billings,Freedom
Plains (55)
Binghamton (53)

Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (18)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (71)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E.Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic
T (71)
Fisher's Isl,Elizabeth
(55)
Flatbush H,FM (71)
Flushing (71)
Floyd Bennett R,T, H
(71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport,Bath-
Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R,
T (71)
" Nassau (71)
Herkimer,Hayduk (55)
Hicksville Arpk (71)
" Avia .Co.Club (71)

Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene,Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston,Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleisch-
man (55)
Massaepequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (57)
Medina (51)

Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co.
(55)
Montour Falls,Martin
(53)
Narrowsburg (53)

New Baltimore,Farly's
(55)
Newburgh,Stewart R,T
(55)
" Stanton's-Newburgh
Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55
New Paltz (55)
New Rochelle H,FM
(71)
New Springville,Staten
Island (71)
New York NAS,Floyd
Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co.
Line (51)
" Shawnee Fly.Svc.(51)
Northville,Sacandaga
Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton

Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (51)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae
(53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot
(55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow
(55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (55)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park LFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)

Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley ,Co.(55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T, (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream,
Columbia (71)
Walden,Newburgh-
Walden (55)
Wallkill,U.S.Mil.Acad.
#2 (55)

Wappingers Falls (55)
Warwick-Wickham (55)
Watertown R (53)
" Bradley (18)
Wellsv'l,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester Co. T
(55)
Whitesville,
Community (53)
Williamsville,Sheridan
(51)
Wilson Flying Fld (51)
Wingdale (55)
Wollcottsville FM (51)
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)

Asheboro (95)
Asheville-Henderson-
ville (93)
" Jacobson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Barco (97)
Beaufort-Morehead
City (97)
Balloon #1 (95)
Belmont (95)
Black Mountain (93)
Bogue (97)
Brevard,H & M (93)
Burgaw (97)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (97)
Camp MacKall (98)
Candor (95)
Carolina Beach(97,119)
Chadbourn Duke (95)
Chapel Hill,Wms. (95)
" Hogan (95)
Charlotte R (95)
" Cannon (95)
" Delta (95)
" Douglas T (95)
" Plaza (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (95)
" Coley (95)
Derita,Brockenbrough
(93,95)
Draper,Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95,93)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft.Bragg,Balloon (95)
" Pope R,T (95)
Franklin (93)
Gastonia,Mun.(95,93)

NEW FACILITIES: Ainsworth, Neb.,Mun.(28) Trenton, Neb. (37) Prattsville, N.Y.(55) Jonesville,N.Y.,Jewett (55) Errol, N.H. (18) Littleton,N.H.(18) Geneva,Neb.,Flying Service (37) Grand Island,Neb.,Roush (37) Kearney,Neb.,Harmon (37) Republican City,Neb.,Waldo Air Service (37) Superior,Neb.,Mun. (37) Ashland,N.H.,Riverside (57) East Jaffrey,N.H.,Silver Ranch (55) Franklin,N.H.,Awys Inc.(57) Columbus,N.J.,Mahalchik (71) Woodston,N.J. (67) Jamesburg,N.J.,Forsgate Arpk Inc.(71) New Brunswick,N.J.,Mid-Jersey(71) Robbinsville,N.J.,Trenton-Robbinsville (71) Rocky Hill,N.J.,Princeton (71) Vineland,N.J. (67) Williamstown,N.J.,Star Harbor (71) Palmyra,N.Y.(53) Deming,N.M.,Cooper (105) Estancia,N.M.(83) Grants,N.M.,Landing Strip (81) Lordsburg,N.M.,Kuykendall (103,105) Moriarty,N.M.,Longhorn (83) Duanesburg,N.Y. (55) Gardiner,N.Y. (55) Ghent,N.Y.,Kline-Kill (55) Honesdale,N.Y.(53) Sayville,N.Y.,New Sayville (71) Abbottsburg,N.C.,Bowless (95) Ayden,N.C.(97) Bladenboro,N.C.(95) Coats,N.C.,Smith's (95) Creswell,N.C.(97) Fort Calhoun,Neb. FM (37) Wisner,Nebr.,Heller(37) Portsmouth,N.H.,Lafayette(57) Whitefield,N.H.,White Mountain(18) Blackwood,N.J.,Almonesson(69) Bridgeton,N.J.,Seabrook(67) Mahwah,N.J.,Ramapo Valley(55) Pittstown,N.J.,Brown(71) Sodus,N.Y.,Wallington(53) Albemarle,N.C.(95) Tekamah,Nebr. (37) Wahoo,Nebr.(37) Breton Woods,N.J.,Ocean Co.(71) Zepher Cove,Nev.,Tahoe Sky Harbor(77) Maine,N.Y.,Nanticoke Valley(53)

July 8, 1947

Gastonia,Spindle City (93,95)
Gibsonville, McLean Bros. (95)
Goldsboro, Seymour-Johnson (97)
Greensboro R (95)
" High Point T (95)
" South (95)
Greenville (97)
Henderson (97)
Hendersonville (93)
Hickory (95,93)
High Point,Fraley(95)
Hoffman, Camp McKall AAF (95)
Jacksonville (97)
Julian,Gilmore #1 (95)
Kannapolis (95)
" Carolina Arpk (95)
Kings Mtn (95,93)
" Bridges(95,93)
Kinston (97)

" Smith (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95,93)
" Burris (93,95)
Louisburg,Franklin(97)
Lumberton H (95)
Manteo FM (97)
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan,Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville, Harris (95)
Morganton
" Lenoir (93)
Morehead (97)
Mt. Airy (95)
" Colonial (95)
Mt. Olive (97)
New Bern FM (97)
" Simmons-Knott(97)
New River, Camp Le Jeune T (97)
Newton,Conover (95)
North Wilkesboro (95
Oak Grove T (97) (93)
Oxford,Young (95)
Pinehurst,Knollwood(95)
Plymouth (97)
Pollocksville,Oak Grove
Pope R,T (95) T (97)
Raeford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks (95) (95)
Reidsville (95)

" Warf (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)

Sanford Lee Co.(95)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95)
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93)
Statesville (95,93)
Sylva (93)
Tarboro (97)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weaverville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville (95)
Wilmington Arpk(97,119)
" Bluethenthal(97,119)
" Peiffer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate, McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(95)
Yanceyville,Caswell(95)
Zebulon (97)

[redacted]
Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)

Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

[redacted]
Akron A,R (49)

Alliance,Taylorcraft(49)
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ(63,61)
Avon Lake LFM(49,141)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green FM(49,
" Bricker (49,47) 47)
Brecksville FM(49,141)

Bryan,Stombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63,61)
Chesapeake,Huntington (63)
Chillicothe,Jones(63,61)
" Scioto Trail (63,61)
" Skypark (63,61)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
" Lunken T (61)
" Mt. Healthy (61)
" Parks Watson(61,141)
Cleveland R,,T (141,49)
" Brooklyn (141)
Clinton Co. T,R, H (63,
Coldwater (47) 47,61)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahio (47)
" South Dayton (47,61)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)

E.Liverpool,Swaney(51)
Elyria A,H,FM(49,141)
Fairfield R,FM(47,61)
" Patterson T (47)
Findlay A,H (49,47)
Fostoria,Snyder (49,47)
Fremont,Slager (49,47)
Galion (49)
Gallipolis,Twin Cities (63,61)

Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61,47)
Harrison (61,59)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard FM (63)
Hillsboro (61)
Hooker,Port Lancaster (63)
Hudson,Mid City (141)
Jackson,Shumate (63,61)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63,47)
Lancaster (63,61)

LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63,47)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63,61)
Marion (63,47)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61,47)
Milford,Knore(63,61)
Montezuma,Lakeview(47)

Mt.Liberty FM(63)
Mt.Orab FM (63,61)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49,47)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141)
North Hamilton(61)
North Royalton LFM(49
Norwalk (49) 141)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ (59,61,
Patterson R,T (47) 47)
Paulding (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63,61)

Put-In-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (47)
Sandusky, Hinde (49)
Sharonville, Cincinnati (61)

Sidney (47)
Solon (141)
Springfield (63,47)
" Crabill (63,47)
Summit Stn LFM (63)
Tiffin (47,49)
Tiltonsville, Scott(65)
Toledo R,T (49,47)
" Franklin (49,47)
" Nat'l Aviation (49,47)
Toronto (65)
Troy,Waco-Troy (47)
Urbana, Grimes(63,47)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" Port Koneta (47)
Warren, Hall (51)
" Airways (51)
" Port Warren (51)
" Tyndall (51)
Washington Court (47,61
House,Wash.Arpk(63)
Watertown,Reed's(63,61)
Wauseon,Grieser (47)
Wellington (141)
Willard (49)
Williamsfield

Willoughby (141)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski (61)

Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)

Atoka (85)
Bartlesville (85)
" Phillips T (85)
Beaver (85)
Blackwell (85)
" Marks (85)
Boise City (83)
" Comm #2 (83)
Bristow (85)
Buffalo (85)
Calumet, Bomhoff(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" Mariash (87)
Claremore,Rogers
Clinton (85) (86)
" Victory (85)
Cordell (85)
Cushing (85)
Davies - Jolly Aero(85)
Delhi (85)
Dill (85)
Duncan,Halliburton(85)
Durant,Comm. (109)
" Eaker (100)
Edmond,Central (87)
Elk City, Bennett (85)
El Reno (87)
" Mustang (87)
Enid , AAF (85)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A, R (85)

Grandfield (85)
" Mun. (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish(85)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)

Kingfisher (87)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley, Univ. (89)
Muskogee,Davis (85)

Mustang FM (85,87)
Newall FM (85,87)
Newkirk,Skypark (87)
Norman,Westheimer (87)
Nowata (85)
Okemah (85)
Oklahoma City R,LFM (A)(85,87)
" Garthoeffner (87)
" Nuckols (87)
" Tinker R,T (87,85)
" Tulakes (87)
" Wiley Post (87)
" Will Rogers T (87,85)
Okmulgee (85)
" Com. (85)
Pauls Valley (87)
Pawhuska (85)
Perry (85)
Picher,Jameson (89)
Ponca City,A,H (85)
Post T (85)
Poteau (89)
Pryor, Long (85)
Red Fork FM (85)
Roosevelt R (85)
Sapulpa (85)
Sayre (85)
Seiling
" - Cook's (85)
Seminole (85)
Sentinel, Mem'l (85)
Shawnee Mun. (85)
Skiatook FM (85)
South Coffeyville
" Jensen (85)
Stillwater #1 (85)
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)

Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" Brown (85)
" Commercial (85)
" Harvey Young (85)
" North (85)
Verdigris River FM(85)
Vici (85)
Vinita, Fallin (85)
" Topper (85)
Walters (85)
Washington FM (87,85)
Watonga (85)
Waynoka
" - Kelsey (85)
Weatherford (85)
Wetumka, Boren (85)
Wewoka, com. (85)
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkali Lake (22)
Arlington (2)
" Hatbox-Muskogee(85)

Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard
Bend (2) (143)

Boardman (3)
Brooks, Sky Acres (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" Illinois Valley (19)
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &H(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Willamette (2)
Grants Pass (19)
Gresham,R.O.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,T (19)

" Piercy (19)
Milton, Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth, Adams (2)
Mulino,Green Acres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park (143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R,T(2,143)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Sutherlin,Sky Ranch(19))

Sweet Home,Longmack (2)
The Dalles A,R (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (22)
Vernonia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-Worden Schuler(143)
" Tulana (19)

PENNSYLVANIA

Allentown R (53,67)
" Bethlehem (53,67)
" Convair (67)
Altoona R (65)
"Stultz (65)
Ambler, Wings T (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" Patterson Heights (51)
Beaver Meadows
" - Green Acres (53)
Bedford (79)
Bellefonte (53)
Berwick (53)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" McKean Co. (51)
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" Pittsburgh-Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil H,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53)
Danville (53)

Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)

Ebensburg,Keystone(65)
Elysburg,Shamokin(53)
Emmaus (67)
Erie R (51)
Erie County (51)
" Port Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater Pittsburgh T
Greensburg (65)
" Pittsb.-Greensb(65)
Greenville (51)
Grove City (51)
Hanover, Devener (67)
Harrisburg R (67)
" State T (67)
" Penn-Harris (67)
Harrison City (65)
Hazleton
" Reifenberg (53)
Hershey (67)
Homesburg LFM (69)
Hookstown FM (65)
Huntingdon (65)
Indiana,Hamilton (66)
Jersey Shore (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM (69)
Lancaster (67)
" mun. (67)
Langhorne,Old Star(69)
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" Merry's Pymatuning Lock Haven (51)
" Cub Haven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" Port Meadville (51)
Mercer (51)
Middletown FM (67)
" Olmsted T (67)
Millbrook R (51)
Milton (53)
Mohrsville,Estler (67)
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (53)
Myerstown, Lebanon Co. (67)

Division Street,Oreg(143)Fairview, Oreg.,Skylife (143)

NEW FACILITIES: Maiden,N.C.,Grigg & Bynum (93) Gold Beach, Oreg.,Leith's (19) Spindale,N.C.,McDonald (93) Stanfield,N.C. (95) Malvern,Pa.,Paoli-Malvern (67)
Lebanon,Ohio,Hightman (61,47) Jonesville,N.C.,Rendezvous (93,95) Morganton,N.C.,Riverside (93) Roanoke Rapids,N.C.,Halifax Co.(97) Winterville,N.C.(97) Woodville,N.C.(97) Argusville,N.D.,Walkinshaw (11)
Selfridge,N.D.(10) Page,N.D. Conrad Bros.(11) Ada,O.(47,49) Alliance,Ohio,Whiteley (49) Archbold,Ohio,Short's (47) Austintown,Ohio (51) Bluffton,Ohio,Flying Service(47,49) Bryan,Ohio (47) Continental,Ohio (47)
Lake Milton,Ohio (51) Newton Falls,Ohio (49) North Kingsville,Ohio,Stout (51) North Lima,Ohio,Calvin (51) North Lima,Ohio,Elser (51) North Lima,Ohio,Welsh Fly. Svc.(51) North Madison,Ohio,Tuttle (49)
Woodworth,Ohio,Southern Awys (51) Mt.Holly,N.C.(93,95) Springfield,Oreg.(2) Berwick,Pa.,Centre(53) Carbondale,Pa.,Carbondale-Clifford(53)

New Alexandria A.FM
New Castle (51) (65)
New Hanover. (67)
" Layfield (67)
New Kingston,Taylor (67)
North Springfld FM(51)
Nicholson,Mt.View(53)
Norristown,Patco(69)
" Valley Forge (69)
North Springfld FM(51)
Olmsted T (67)
Olyphant,Mid Val'y(53)
Osceola Mills (55)
Paoli,Phila.Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Buehl (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pitcairn,Pitt-Wilkins (65)
Pittsburgh R (65)
" Allegheny T (65)
" Bettis (65)
" Greater Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville,Schuylkill (67)
"Stowe-Pottstown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgeway, Creek (51)
St. Mary's (51)
Saltz (65)
Sayre, Valley (53)
Scranton (65)
Selinsgrove (53)
Sewickley FM (67)
Slatington FM (53)
Somerset (65)
State College,Air Depot (53)
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53) (53)
Tunkhannock,Skyhaven
Tyrone Speedway (65)
Utahville (51)
Vandergrift (65)
Wallaceton,Albert(51)
Warren (51)
Waynesburg,Greene
Waynesboro(67) (65)
Wellsboro,Grand Canyon (53)
West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bamberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
" Christerson(119)
" Rowe (95)
Calhoun Falls,Bentley (93,117) 95,119
Camden,Woodward
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119,93)
Darlington,Hartsville
Elloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (119)
" Coronaca (119)
Hartsville (55)
Honea Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)
North Augusta (119)
Orangeburg,Hawthorne
" Jennings(119) (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
Eureka (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A,R (11)
Winner (28)
Yankton (28)

TENNESSEE

Ashland (91)
Chattanooga R,T (91)
Clarksville,Outlaw (91)
Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)
Graham (91)
Green Brier FM(91)
Henning,Keith (89)
Hohenwald, Brown (91)
Humboldt (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Stewart (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)
Alamo,Kahler (123)
Albany,Taylor (107)
Alice A, R, (123)
Aloe # 10 (123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (127)
Arlie (85)
Aragon #5 (121,105)
Arlington,Lucas(111)
" OLF (111)
" Sky Ranch (
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
" St. Edwards (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
" Mayan Ranch (125)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big Spring R, T (107,121)
" Hamilton (107,121)
Bonham
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,
" White (107,121,125) 125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" International T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Childress R (85)
Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (83)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Commanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cabannis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
" mun. (109)
" "75" (109)
Crane,Crane Co. (107)
Crosbyton,Paulder (107)
Crystal City(123)
Cuero (125)
" Edgerton (125)
Cox AAF (109)
Cypress,Jackson (127)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111,109)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville H (109, 111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)
Eden (107,121,125)
Edinburg,Com. (123)
Edna,Good(125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111,109)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107, 121)
Ft.Stockton,Dyche(107, 121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson (127)
Friona,Benger (83)
Gainesville (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127,127)
Gorman (107)
Grand Prairie(111
Grauwyler Park H,(111)
Gregory FM(123)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
Guadalupe Pass V,FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen
" All-Valley(123)
" Mun. (123)
Harpersville FM,A(107)
Hart, Roper (83)
Haslet H,FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)
Hondo AAF (125)
Houston R,FM,T(127)
" Ellington (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart(127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville(125)
Kilgore,Elder (109)
Killeen (125)
" Cobb-Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chapadera Rnch(123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
" Winston (107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Yoas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)
Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121,105)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission,
" Moore (123)
" Moore #1 (123)
" Moore #3 (123)
Monahans,mun.(107,121)
Moore #3 (123)
Morton,CochranCo. (83)
"
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New Braunfels,Clear Spring #5 (111)
Odessa,Ector Co.(107, Old Ocean (127) (121)
Olney (107)
Orange (127)
" Brown (127)
Orla,Tex-Lite (105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner
Post (107) (123)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)
Preston (127)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
Randolph R,T (125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,121)
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs,Buzz(107)
Rockport,Aransas Co(123)
Rock Spgs,Sherrill(121)
Rodd T (123)
Rosenburg,Lane (127)
Rotan (107)
Ryan #3 (121,105)
Saginaw (111)
Salt Flat R,A (105)
San Angelo T (107,121)
" Goodfellow R (107, 121)
" No.Concho (107,121)
" Sky Harbor (107,121)
San Antonio,Alamo R,T (111,125)
" Bexar Co. (111)
" Brooks T (111)
" Davis (111)
" Hurt (111)
" Kelly R, T(111,125)
" Lake (111)
" Leon Valley (111)
" Martindale #4 (111)
" Mission (111)
" Randolph R,T(111,125)
" Stinson T (111)
" Yates (111)
San Benito (123)
Sanderson Land.Strp(121)
San Marcos R,T (125)
" Thompson (125)
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 (111)
Seminole (107,121)
Seymour (107)
Shamrock (85)
Sherman (109)
" Gaskin (109)
" Perrin (109)
Sierra Blanca (105)
Simms (109)
Sinton (123)
" Community (123)
Smithville (125)
Soncy FM (81)
South Plains T (107)
Spearman (83)
Spring Branch FM (111,
Spur (107) (125)
Stamford (107)
" Arledge (107)
Stanton FM (121,107)
Stephenville (107,109)
Stinnett (83)
Sulphur Spgs FM,A,R (109)

NEW FACILITIES: Conway, S.C.(119) Kingtree,S.C.,Gamble (119) Newport,Tenn.,McCoig(93)Buffalo, S.D.,Harding Co.(10) Gettsburg, S.D.(11)Arlington,S.D.,Lake Poinsett (11) Lake Preston,S.D. (11)Lemmon, S.D.(10) Murdo,S.D.(27) Oldham,S.D.(11) Selby,S.D.,Rehenberg (10) Bison,S.D.,Universal (10) Wall,S.D.(27) Webster,S.D.(11) Chattanooga,Tenn.,Thomas (91) Greenfield,Tenn.(91) Abilene,Tex.,Maker (107,121) Pittsburgh,Pa.,East Pittsburgh(65) Hampton,S.C.,Hampton-Varnville(119) Goldthwaite,Tex.(107)Gaffney,S.C.,Nesbitt(93) Mt. Pleasant,Tex.,Hoffman(109) Winnsboro,Tex.,Mulinax (109)Franklin, Tenn.,Air Service (91) Newman, Tex H (105) Bristol,Tenn.,Tri-City (93) Graham,Tex.(107) Mt.Pleasant,Pa.,Mt. Pleasant-Scottdale(65) Lolita,Tex.,Walker(123) Abion,Tenn.,Morris(89)Castroville, Tex.,Riomedina(109) Susquehanna,Pa.(53) Bishopville,S.C.,(119) Chester,S.C.,Bratton (93) Odem,Tex.(123) Clio,S.C.,Mack Lamar (95 Redfield,S.D.,Deiter (11) Selby,S.D.,Rebenburg (10) Athens,Tenn.,Grey (93) Cleveland,Tenn.,Waterlevel (93) Copperhill,Tenn.,Copperhill-Ducktown (93)Glenmary,Tenn.,Pemberton (93) Arlington,Tex..Pulley(111) Austin,Tex.,Aero-Tel (125) Dallas,Tex.,Marshall's (111) Decatur,Tex.(109) Fairfield,Tex.,Eagle (109) Ft. Worth,Tex.,Skyview (111)Ft.Worth,Tex.,Southworth (111) Fredericksburg,Tex.,Gillespie (125) Odessa, Tex.,West Odessa (107) Jacksboro,Tex.,Rodeo City (109) Irving,Tex.,Arpk (109) Kerrville,Tex.,West End (125) Memphis,Tex.,Mun.(85)New Braunfels,Tex.,Faust (111) St. Jo,Tex.(109) Snyder,Tex.(107,121) Stanton,Tex.(107,121) Philipsburg,Pa.,Black Moshannon (51) Myrtle Beach,S.C.,Parks(119)Clinton,Tenn.,Clinton-Oak Ridge(93) Churchill,Tenn.(93) Jacksboro,Tenn.,LaFollette(93) Loudon,Tenn.(93) White Pine,Tenn.(93) Donna,Tex.,Woods(123) Robstown,Tex.,(123) Mission,Tex.,Shary Mun.(123) Falfurrias,Tex.(125) Laredo,Tex.,Benavides(125) Pearsall, Tex.(125)

July 6, 1967

Sweetwater,Avenger (107,121)
Taft-Wareham (123)
Taylor (125)
Teague,Gage (109)
Temple,Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (63)
Texon, Parker(107,121)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde,Garner(121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Velasco,Carter (127)
Vernon (85)
" Int. (85)
" Victory (85,107)
Victoria (123)

" Aloe #10 (123)
" Foster (123)
" Foster #4 (125)
Waco A, R (109)
" Mun. (109)
" Blackland #1 (125)
" Hoyland (125)
" Riesel (109,

Waxahachie A,FM (109)
" Ellis Co. (109) (109,
Weatherford A,FM 111)
" Parker Sky Camp
Webster FM(127) (111)
Wellington (85)
Weslaco,Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch(107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A,R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A, H(111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (79)
Bountiful,Sky Haven(23)
Brigham (23)
Bryce Canyon R,A(79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R,A (79)
Ephraim,Manti-Eph(23)

Fairfield A, R (23)
Fillmore (79)
Goulding Trading Post
" Monument Val'y(81)
Grantsville (23)
Hanksville R, A (81)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan,Hillcrest (23)
" Logan-Cache Co.(23)
Low Flgt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price,Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy,Alta (23)
Spanish Fork (23)
Timpie FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R,T (23)

VERMONT

Barre-Montpelier (18)
Bennington (55)

Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester,Equinox (55)
Montpelier R (18)
Newport (18)
Rutland,(55)
St.Johnsbury,Brown(18)
Springfield,Hartness
Swanton,Austin(18) (55)
Vergennes FM (18)
White River Junction
" Twin State (55)

VIRGINIA

Alberta (97)
Alexandria A, FM (67,69)
" Beacon (69)
" Crossroads (69)
Altavista (95)
Annandale,Springfield
Arcola R (67) (69)
Bedford (95)
Big Spring Gap
" Powell Valley (93)

Blacksburg,V.P.I.(98)
Blackstone A,R (97)
Bristol (93)
Cape Charles (97)

Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM,A (93)
Chincoteague T,R (67)
Clarksville- Finchley
Clover (95) (97)
Covington(65)
" Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (95)
Dawn FM (67)
Deep Creek FM(97,141)
Drivers,Monogram(141)
Eclipse FM(97,141)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (93,95)
Gordonsville A,R (65)
" Int. (65)
Greys Pt.,Hummell (67)
Hampton,Peninsula(141)
Harcom (67)
Harrisonburg,Hartman
Herndon FM (67,69) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (97,141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Flgt Strip (67)
Milford (67)

Montvale,Buford's (65)
Mt.Vernon H,FM(69 67)
Narrows (65)
Norfolk R, T (97,141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS,East R,T(97,141)
" S. Norfolk (141)
Oceana T (141)
Ononcock,Johnson (67)
Orange Co.(Orange)(65)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth,Cumberland
Pulaski R,A (61,95) (141)
Pungo (141)
Quantico R,T (67,69)
Radford (95)

Richlands (93)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton,Zieger (67)
Waverly (141)
Waynesboro,Augusta
" Valley (65) (65)
Weems,Currell's (67)
Weirwood,Kellam (67)
West Point (67)
Williamsburg,Scott(97)
" Wm & Mary (97)
Winchester (65)
Windsor,Garner (141)

WASHINGTON

Aberdeen,Moon Isl (2)
Almira, "JZ" (3)
Arlington,Aero Sch (2)
Auburn (143)
Bellevue, Lake (143)

Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)
Bremerton,Kitsap Co. (143)
Burlington,Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas,Groves (143)
Chehalis,Co.-City (2)
Chelan (3)
Cheney,Savage (3)
Clarkston,Asotin Co.(3)
Cle Elum (2)
College Place
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Is.(2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A,R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville,Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah,Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City(3)
" Vista (3)
Kent (143)

Kittitas,Cameron (3)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
McChord R, T (2,143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon,Barker & Dean (2)
" OLP T (2)
Neah Bay R (2)
Newport (3)
North Bend,Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)
Opportunity,Lemen (3)
Orchards,Evergreen
Oroville,Scott (3) (143)
Pasco (3)
Pateros,Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (143)
Port Townsend,Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma
Quillayute (2) (143)
Renton,Boeing-Renton (143)
Republic,Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (2,143)
" NAS H,T (143)
" Boeing T (143)
" Seattle-Tacoma(143)
Shelton,Mason Co. (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway,Forest Grove
" Acft.Co.(143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk(143)
" Lakewood (143)

" McChord R,T (143, Toledo-Winlock (2) 2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)

Washougal FM (2,143)
Washtucna (3)
Wenatchee, Fancher(2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T
Wilbur (3) (2)
Winthrop,Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (3)

[redacted]

Beckley, Scott (61,63)
Buckhannon,Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (61,63)
" Bollinger (61,63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65,61)
Hollidays Cove
" Weirton (65)
Huntington R (61,63)
Logan (61,63)
Marlinton (65)
Martinsburg A,R (65,67)
" North End (67)
Moorefield (65)
Morgantown A,R (65)
New Cumberland, Herron (65)
Parkersburg,Stewart
" Wood Co.(61,63) (61,63)
Payneville H (61,63)
Pence Spgs, Hinton Alderson (65,61)
Petersburg (65)
Princeton (63,61)
Ravenswood(63,61)
Romney (65)
Ronceverte (65)
Spencer,Roane Co.(63, Sutton (65,61) 61)
Terra Alta,Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co.R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson,Morris(61,63)
Winfield,Clark(61,63)

WISCONSIN

Amery (14)
Antigo (15)
Appleton, Outagamie(15, 31)
Arbor-Vitae(15)
Ashland (14)
Baraboo,Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder (15)
Boyceville (14)
Brodhead,Bill's (31)
Camp Douglas -

Camp Douglas - Camp Williams(29, 31)
Camp McCoy (29) (31)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,31) (31)
Colby-Abbotsford (14,
Cumberland Mun. (14)
Dallas (14)
Darlington,Red Rock (29,31)
DePere, Nicolet (15,31)
Durand, Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Mason Lake (14)
Fond du Lac (31,15)
Genesee FM (31)
Grantsburg (14)
Green Bay, Brown Co. (15,31)

Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly.Svc. (14)
Janesville City (31)
" Rock Co (31)

Kenosha A,FM (31)
Kohler (15,31)
La Crosse A,R (29)
" Int (29)
Ladysmith,Rusk Co(14)
Lake Delton, Wisconsin Dells Lake Delton(31)
Land O'Lakes, King's Gateway (15)
Lone Rock R,A (29,31)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford,Taylor Co(14)
Manitowoc (15,31)
Manitowish
" - Waters Arpt (15)
Marshfield (14,31)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Val'y Arwys
Neillsville(14) (15,31)
Oconto Mun (15,31)
Oconto Falls (15,31)
Omro, Ginnow (15,31)
Oshkosh
" Winnebago Co.(15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage,Mael (31)

Pulaski,Kubiak's (15,31)
Racine,Horlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Sextonville,Richland
Shullsburg (29,31) (31)
Shawano (15,31)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15,31)
Sturgeon Bay
" Cherryland (15,31)
Sturtevant,Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29,31)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co. (31)
Waupaca (15,31)
Waupun (31)
Wausau,Alexander (15,31)

West Bend Fly.Svc(31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City(15,31)

WYOMING

Afton (23)
Archer LFM (35)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R,T (35)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lowell-Bryon (7)
Douglas A, H (26)
Dull Center,Hoadley (27)
Evanston (23)
" City (23)
Fort Bridger R,A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (26,35)
" Brees (26,35)
Lingle (27)
Lusk (27)
Meadows FM (35)
Medicine Bow (26,35)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM(26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM(26)
Powell (7)
Rawlins (35)
Riverton (26)

Rock Springs (new)
" Mun. (26)
Saratoga (26,35)
Sheridan R, LFM (7)
" Sheridan Co. (7) 35)
Silver Crown FM(26,
Sinclair R, A (26,35)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (26,35)
Wheatland (27)
" East Side (27)
Worland (26)

NEW FACILITIES: Bristol,Va.,Combs (93) Spokane, Wash.,Manito(3) Seattle,Wash.,Bellevue (143) Lovell,Wyo.,Mun. (7) Meeteetse,Wyo.,Mun.(7) Shoshoni,Wyo.(26) Hurricane,Utah (79) Salina,Utah,Salina-Gunnison(23)
Marysville,Wash.,Marysville Bay Meadows (2) Iron River,Wis.,Union (14) Colchester,Vt.,Champlain (18) East Montpelier, Vt.,Fairmont (18) Middlebury, Vt. (55) Thetford,Vt.,Post Mills (55) Richmond,Va.,Parnell(67)
St. Albans,Vt.,Point Hill (18) Spencer,Wis.(14) Elma,Wash.(2) Mossyrock,Wash.(2) Montesano,Wash.,Summit(2) Laramie,Wyo.(26) Moran,Wyo.,Signal Mt. (23) Vernon,Tex.,Arpk (107) Portsmouth,Va.,Roosevelt(141)
Berlin,Wis.(15,31) Boscobel,Wis.(29) Coloma,Wis.(15,31) Lancaster,Wis.,Fly.Svc.(29) Lemonweir,Wis,Mauston(29,31) New Lisbon,Wis,Tucker Fly Svc(29,31) Owen,Wis.(14,31) Platteville,Wis.,Platte (29,31)
Rothschild,Wis.,Wisconsin Valley (15,31) Shell Lake,Wis.(14) Thorp, Wis.(14) Thorpe,Wis.,City (14) Wonewoc,Wis.Castle Rock(29,31) College Place,Wash.,Sky Ranch (3) Lemmington,Vt.,Lemmington-Colbrook(18)
Brodnax,Va.,Pennington(97) Chatham,Va.,Chatham-Gretna(95) Culpeper,Va.(65) Culpeper,Va.,Reynolds(67) Elkton,Va.(65) Independence,Va.,Cox(93,95) Luray,Va.(65) Norfolk,Va.,Norview(141) Portsmouth,Va.(141)
Suffolk,Va.,Peanut City(141) Timberville,Va.,New Market-Timberville(65) Virginia Beach,Va.,Thalia(141) Waynesboro,Va.(65) Harrington,Wash.,Armstrong's Ranch(3) Klipsan Beach,Wash.,Ocean Park (2)
Longview,Wash.,Vision(2) Cumberland,W Va.,Herron(65) Taplin,W.Va.,McDonald(61,63) Brewster,Wash.,Riverview(3) Graham,Wash.,S & S Airstrip (3) Maflott,Wash (3) San de Fuca,Wash.,Whidbey Island (2)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aricraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been **received at those locations not providing continuous service.**

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use ,transmitting and receiving. are as follows:

HF Communications — **3475,4890,6640 kcs.**

VHF Communications — **134.64,142.02,143.64 mcs.**

Navy GCA Units shall be prepared to control aircraft on the interim U.S. emergency **frequency, 140.58 mcs, transmit and receive. Use of this frequency should be** restricted **to emergencies and routine check of communication equipment.**

In addition to above, Navy GCA Units will be prepared to transmit on HF from 2000 to 18100 kcs, and receive on 1500 to 9050 kcs to aid any plane in emergency.

To promote flight safety, the Navy Department has made its GCA facilities available to civil aircraft for emergency use. Practice approaches by civil aircraft is restricted to multi-engine aircraft because of personnel and equipment limitations. Navy GCA Units shall be prepared to control scheduled aircarriers in emergencies on 140.58 mcs and 3117.5 kcs, transmit and receive. In addition arrangements shall be made to transmit GCA control instructions on tower low frequency either directly or by relay through the tower to aircraft in distress and not able to receive on any other frequency.

Call signs for all Navy GCA Units are the name of the field plus "GCA" Example: "Norfolk GCA"

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER INSTRUCTIONS: Control towers will ascertain frequencies available to both pilot and GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over" "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out" "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc.....". (c) EMERGENCY: When receiver and transmitter difficulties exist, the tower may relay Ground Controlled Approach instructions to the pilot. However, from a safety standpoint the procedure should be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower operated GCA units at Washington National Airport, Chicago Airport and La Guardia Field. Another unit is operated at Indianapolis Airport but is not remoted to the tower. These units are available for practice purposes and emergency use.

CAA GCA UNITS

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs;109.5, 126.18 mcs.	3105,4495,6210, 3117.5 kcs;126.18, 118.1,118.7,122.5mcs.	Continuous.
Indianapolis Arpt, Ind.	212 kcs;126.18 mcs.	3105,3117.5,4495, 6210 kcs;126.18mcs.	0800-1600 Mon-Fri
LaGuardia Fld,N.Y.	118.7 mcs 140.58(emerg)	3105,6210,3117.5 kcs, 118.7 mcs. 140.58(emerg)	Oper cont.Emerg use avail.only 0800-2400
Washington Nat.Arpt,D.C.	322.278 kcs;118.1, 118.5,126.18 mcs 140.58(emerg)	(4);118.1,118.5,122.5 126.18;140.58 mcs (emerg)on 30-min.notice	Oper cont.Emerg use avail.only 0800-2400

NAVY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums; hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS, N.J.	*,275 kcs	+	200', 1/4 mi.30-min.not.
Cherry Point MCAS, N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	*,126.18,128.70 142.74 mcs,248kc	+,126.18,128.70 142.74 mcs.	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min. notice.
Jacksonville NAS (Lee Fld) Fla.	*	+	200',1/2 mi.15-min.not.
Miramar MCAS, Calif.	*	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*	+	100',1/2 mi.Continuous.
New York NAS (Floyd Bennett), N.Y.	*,383 kcs	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs	+	200',1/2 mi.30-min.not.
Oakland NAS,Calif.	*	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*.347 kcs	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*	+	200',1/2 mi.30-min.not.
Whidbey Island NAS, Wash.	*,278 kcs	+	100',1/4 mi.30-min.not.

Standard freqs = 3475,4890,6640 kcs; 134.64,142.02,143.64 mcs.
* **Standard, 3117.5** kcs,140.58 **mcs, & HF from** 2000 **to 18100 kcs..**
+ Standard, 3117.5 kcs,140.58 mcs, & HF from 1500 to 9050 kcs.

ARMY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Hrs. of operation,etc.)
	Transmitting	Receiving	
Fairfield-Suisun AAF, Calif.	HF, VHF, 3117.5 kcs, 131.4 mcs.	350,3117.5 kcs or any freq between 1500-18000 on req	Cont during IFR;0900-2100 Mon-Fri;30-min notice other times.
Barksdale Fld, La.	HF, VHF	VHF,3117.5,4495, 6210 kcs. 116.1 mcs.	0800-1700 Mon-Fri;cont. during IFR; 40-min. notice other times.
Westover Fld,Mass.	137.88,140.58, 134.1,137.7 mcs.	137.88,140.58, 134.1,137.7 mcs; 3117.5 kcs.	On training status only. Should not be used for actual inst. low approach.
Andrews Fld, Md.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,4495,3117.5, 3105,6210 kcs, 116.1 mcs.	Cont during IFR;0800-1700.CFR;30 -min. notice other times.
Clinton Co. AAF, Ohio	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,116.1 mcs, 1500-18000 kcs.	Cont during IFR;0800-2200 CFR; 30-min. notice other times.
Langley Fld, Va.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF, 3105,3117.5 4495, 6210 kcs, 116.1 mcs.	Cont during IFR;0800-1630 CFR; 40-min. notice other times.
Mitchel Fld, N.Y.	HF, VHF, 3117.5 kcs,116.1 mcs	VHF,3105,3117.5, 4495,4765 kcs, 116.1 mcs.	Cont. during IFR;training flights 0900-1130 & 1300-1630 during CFR, 40-min. notice other times.

HF- 3475, 4890,6640 kcs. VHF = 126.18,134.1,137.7,137.88,140.58 mcs.

N.B. Weather minimums: For clearance purposes **minimums established in** TO-08-15-3 or AAF Regulations 60-16 apply.

N.B. Pilots desirous of **making practice GCA approaches should make their own arrange**ments with the **tower concerned.**

AIR NAVIGATION RADIO AIDS

LEGEND

(3) - Station guards 3105, 4495, 6210 kcs

(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.

(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis

→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts.
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous
VOR.....Visual omni-directional VHF range } voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •–––––	3 •••––	5 •••••	7 ––•••	9 ––––•
2 ••–––	4 ••••–	6 –••••	8 –––••	0 –––––

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA

LEGEND

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A)	-	Owned or leased totally by Army
(N)	"	(N)	-	" Navy
(CG)	"	(CG)	-	" Coast Guard
(NG)	"	(NG)	-	" National Guard
(A)	"		-	Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detach. or contract gas usually available.
(N)	"		-	Open to civilians but owned or leased wholly or in part by Navy.
(CG)	"		-	" Coast Guard.
(NG)	"		-	" WD or State Govt. for Air Nat'l Guard. Lid svcg. and main. for transient military acft.
(P)	"		-	Civil airport opened to military acft. (See Note 3)
★	"		-	CAA Intermediate Field

CLASS SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

lc: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

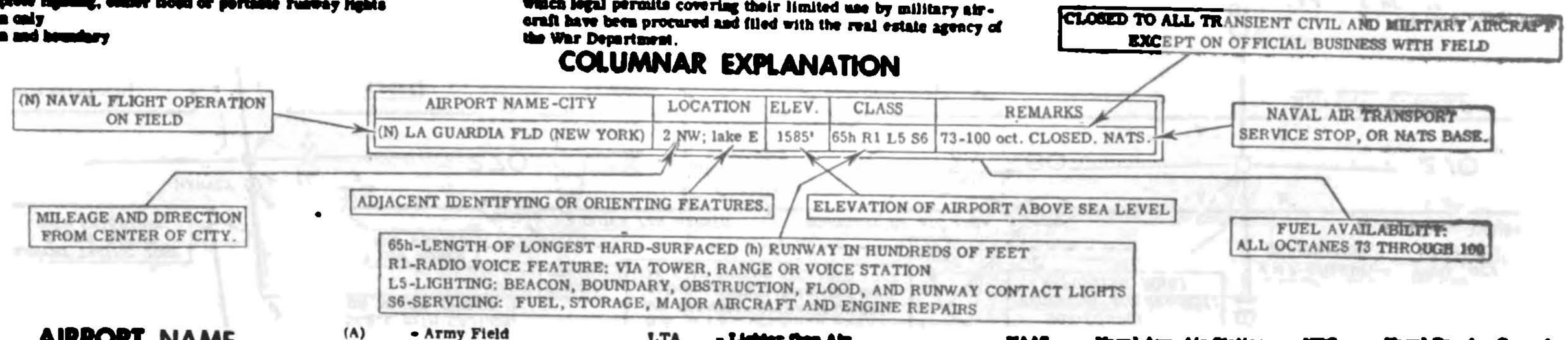
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by alerting the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. ✱
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, LS-ID" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int."
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency. Only those private fields that are clearly identifiable from the air as airports are listed. Thus many personal use fields are not covered in the Guide because they are not marked or are too small.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux. Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	N	- Navy Field	(NG)	- National Guard		

✱ AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

FLIGHT PLANNING CHARTS

LEGEND

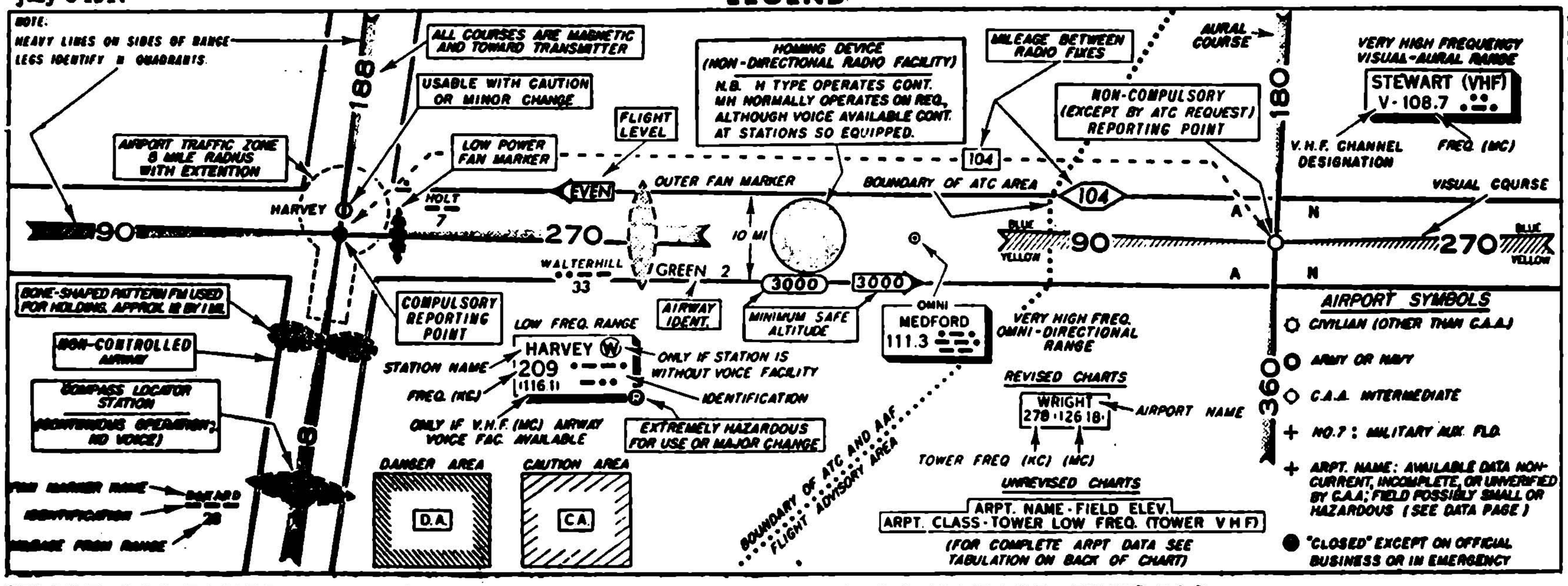


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages; (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range frequency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

WARNING

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations DF or ADF use should be restricted to simultaneous type of range stations, H stations, and commercial broadcast stations.

RADIO

OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA(Clatsop)	323(AST)	MRLZ; 99°,6.9	3105,6210 (7-17),Oper by Port of Astoria, Tillamook NAS
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	
→ EUGENE (Mahlon Sweet)	251 (EU)(116.1)	SBRAZ-DTV,150°,4.5	(4); 116.1 (ILS)
→ PORTLAND	332(PD)(vhf)	SBRAZ-DTV,168°,3.1	(3);116.1,122.1
REDMOND (Roberts)	368 (RG)(116.1)	SBRAZ-DTV;101°,4.3	(4);116.1
THE DALLES	230 (ND)(116.1)	SBRAZ-DTV,251°,2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3);142.74@-sunset,later on req
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

WASHINGTON

BELLINGHAM	209(JJ)(116.1)	SBRAZ-DTV,114°,2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385(EB)(vhf)	SBMRAZ-DTV,270°,2	(4);116.1,122.1
EVERETT (Paine)	224(MI)(vhf)	BMRLZ-DTV,330°,3.1	(4);116.1,122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM;331°,12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma)(Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105,4495;126.18,142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105,4495;142.74 (8-1630)
SEATTLE (King County)	260 (SA)(116.1)	SBRAZ-DTXV;296°,2.8	(3);116.1,122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
→ TOLEDO (Toledo-Winlock Int.)	239(GL)(vhf)	BMRLZ-DTV,235°,2.8	(4);116.1,122.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN(GCA);303°,3.3	(3);142.74,126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3) ;3155;142.74 (24 hrs advance notice)
WOODLAND FM	(. - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320(YA)(vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	AC;267°,4.7	(4); 118.5,122.5,142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MAHLON SWEET (L6)	109.9	333.8	159°	IM-	MM- ·-·- (0.63)	OM- -- (4.5)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW;RR E	267	33 S4	80 oct.
Albany	2.5 NE;RR NW	235	26 S6	80 oct,P-line SW.Trees S,SW.
* Arlington Int, 12B, PD-SM	1.4 ENE;riv NW	872	50 L3	
Bend (new)	5.5 ENE;hwy S	3429	40 S6	80,91 oct. Pwrline SE.Use strips.
(P) Clatsop Co. (Astoria)	3.5 W;riv E	10	57h R1	
Coastway School of Aeronautics (Tillamook)	1.4 E	55	29 S6	80 oct. Ctn when wet.
(P)Corvallis	4.9SSW;hwy E	235	52h S6	80,91 oct.
Corvallis Junction	1.3 NNE;RR W	240	20 S6	80 oct.
Dallas	1.2 N;RR S	372	23 S2	80 oct. ENE,WSW blkd.
Eugene Airpark	1.6 SW;rd W	420	28 S6	80,91 oct. Trees NNW.
Harrisburg	2 NNE;RR E,W	300	25 S1	80 oct.
Hood River	2.5 S;riv E	605	19 S1	80 oct Soft when wet.Brush E.
Langmack (Sweet Home)	2 E;RR N	550	32 S2	80 oct.E blkd.Trees W.
Lebanon	1.3 SW; RR E	340	36 S6	80 oct.
(P),Madras	2 NNW;RR SE	2420	74h	
NEW FACILITIES				
→ Bend (Ore) N.C.	7.8 N	3350	44	Use in emerg.
→ Sisters (Ore)	1 NE;hwy S	3198	37	Trees NE,E Wblkd PRIVATE

h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII). NC-(Not Charted). → New or revised data.

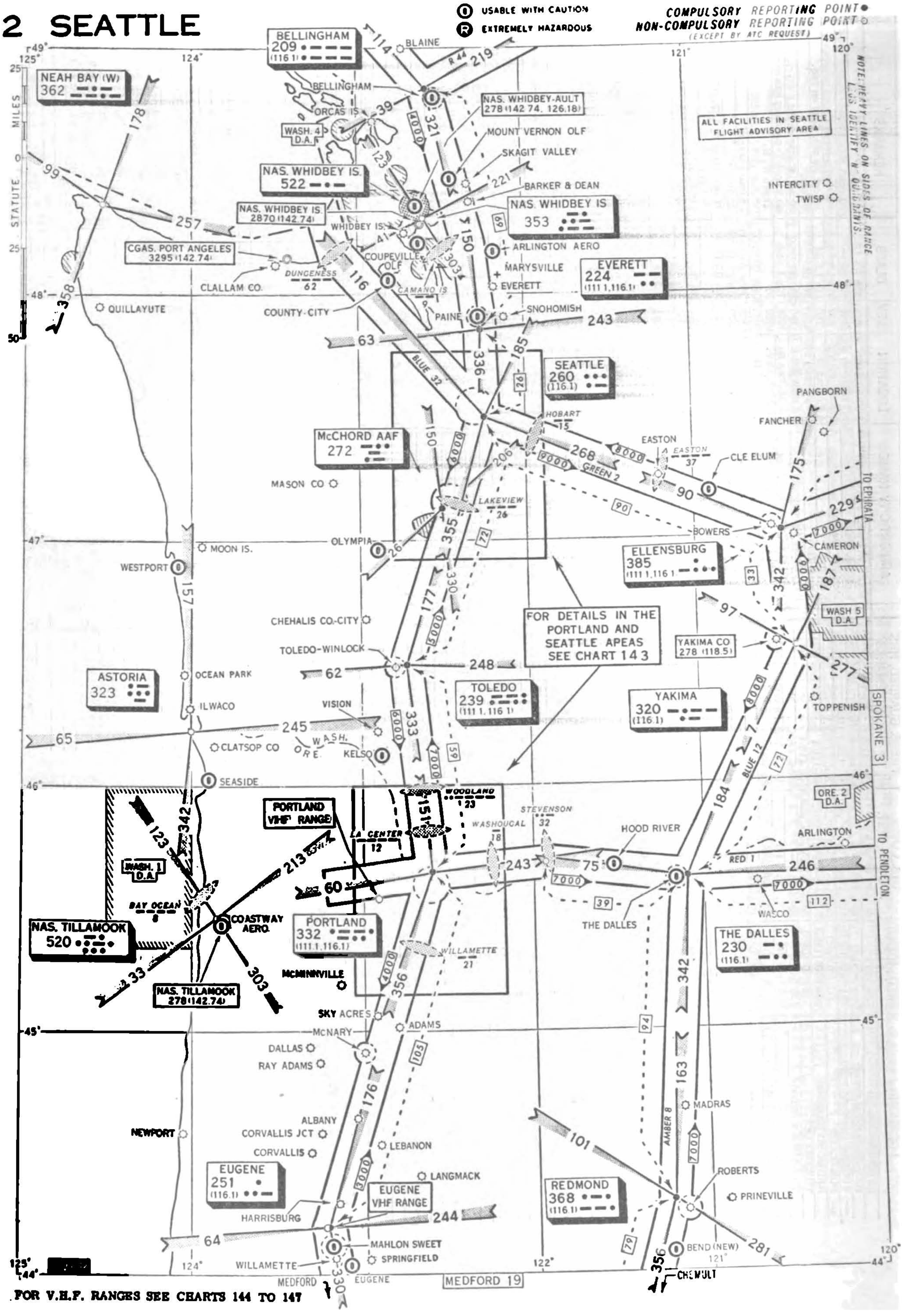
OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW;RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE;hwy N	156	50h S6	80 oct.Trees SW.
(P)McNARY (Salem)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct. No sto.
(P)Newport	4 S;ocean W	160	51h L5 S4	80 oct.No sto. Lgts on req.
Prineville	2.9 SW;hwy SE	3237	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
(P) Roberts (Redmond)	1.5 SE;hwy N	3075	70h L S6	80,91 oct.Temp rnwy lgts on req.
Santiam Junction Flight Strip (Idanha) (NC)	21.5 SSE;hwys N	4000	30	Trees W, E.
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80,91 oct.
(N) Tillamook NAS (N)	3 SE;riv N	35	50h R2 L5 S4	91 oct. Used by LTA,HTA.
Vernonia (NC)	2.4 WSW;riv S	620	29	Obst sur fld.
Wasco	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk. (Eugene)	4.8 W;hwy S	420	25 S6	80,91 oct.

WASHINGTON

(N) Arlington Aero. School	3 SW;hwy W	129	53h L5 S6	80,91 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S;RR,riv W	4	20 S4	73,80 oct.Trees NW.
(P)BELLINGHAM	4.5 NW;hwy E	158	50h R1 L5 S6	80,91 oct. ARPT OF ENTRY
→ Blaine	0.5 E;RR W	15	15 S1	80 oct. P-line SSE.Ctn when wet.
(P) Bowers (Ellensburg)	2.5 NE;hwy S	1767	59h R1 L5 S6	80,91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N;RR S	1650	26	
(P)Chehalis Co.-City	0.6 NW;RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	3.2 WNW	290	52h S6	80 oct.
Cle Elum	2.4 E;hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW;hwy ESE	110	33 S6	80,91 oct.P-line WNW.Trees ESE.
(N)Coupeville OLF (N)	2 SE	193	54h	CLOSED. ARPT OF ENTRY
* Easton Int,5B,SA-HL	1.7 NNW;RR SW	2221	30 L2	Trees, mtns WNW.
Everett	3.5 NNE;riv N	15	21 S2	80 oct. P-line W.Ctn winter.
(P)Fancher (Wenatchee)	2.5 NE;hwy S	1440	33h L5 S6	80,91 oct. Fld lgts prior req.P-line SE.
Forks (NC)	1 SW;rd S	286	23 S1	80 oct.Trees ENE,WSW.HAZARDOUS
Goldendale (NC)	0.6 SE;RR W	1600	20	Pole line E,SE.Ditch center.HAZ-
Ilwaco	1.5 ENE;Bay S	8	20 S2	80 oct. ARDOUS.
Intercity,USFS (Winthrop)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso,6LA,SF-SA	1.4 S;RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
(P)Moon Island (Aberdeen)	6 W;harb N,S	14	50h L5 S6	80, 91 oct.
(N)Mount Vernon OLF (N)	5 NW;RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P)Paine (Everett)	6.5 SW;hwy NE	602	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE;hwy S	1246	46h L5	Contact lgts prior req.Mtns N,E.
Pasayten,USFS (Winthrop) (NC)	38 NW;riv E	4250	28	Use in emerg.only.Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91,100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N)Shelton NAAS (N)	See Mason County Arpt under "New Arpts" - name changed.			
Skagit Valley Air Svc.(Burlington)	0.7 S;RR E	35	20 S1	80 oct. Pwrline S.Use strips only.
Snohomish	0.9 SW;RR N	16	30h S6	80,91 oct.Rnwy data unver.Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE;hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int,63B,SF-SA	3 NE;hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW;hwy E	835	32 S3	80 oct.
Twisp	1.9 SE;riv S	1620	19 S1	80 oct.Hills NNW.
Westport (NC)	0.5 N;harbor E	5	18 S1	80 oct. P-lines NW.Ctn.
(N)Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	80,91,100 oct. Pole line S.
NEW AIRPORTS				
Sky Acres (Brooks,Ore.)	1.6 NE;RR W	180	20 S1	Ltd 80 oct.
Seaside (Oregon)	1.5 NE;RR W	6	17 S4	80 oct.No sto.
Marysville Bay Meadows Arpk	2 N;rd W	60	13	(Marysville,Wash.)
Vision (Longview,Wash.)	6.2 NNE;rivN,E	20	31 S1	Very dangerous appchs.
Springfield (Ore)	1.6 ENE;hwy 0.5 S	460	20 S1	80,91 oct NW blkd Use with ctn
Ocean Park Sky Port	0.5 S;hwy W	10	21	80 oct.Ctn-wet weather.P-line E.
Elma(Wash.)	0.8 S;rd W,riv S	60	26	P-line S. (Klipsan Beach,Wash)
Summit(Montesano,Wash.)	2.9 W;hwy S	190	22 S1	P-line W.
Mossyrock(Wash.)	1 W;hwy SW	613	19 S1	80 oct.
(N)Mason Co.(Wash.)	2.5 NW;hwy ENE	278	52h L S6	80,91 oct.
S & S Airstrip (Graham,Wash.)	3.9 N;hwy E	520	13	Twr NW.No Navy facs.Lgts prior req.
Whidbey Is (San de Fuca,Wash.)	1.0 N;bay S	185	16 S1	Tall grass SSW
				80,91 oct.Trees N

2 SEATTLE


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
FOR DETAILS IN THE PORTLAND AND SEATTLE APEAS SEE CHART 143
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS. WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS. 2870 (142.74)
NAS. WHIDBEY IS 353
CGAS. PORT ANGELES 3295 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE 260 (116.1)
McCHORD AAF 272
ASTORIA 323
TOLEDO 239 (111.1, 116.1)
YAKIMA 320 (116.1)
ELLENSBURG 385 (111.1, 116.1)
YAKIMA CO 278 (118.5)
NAS. TILLAMOOK 278 (142.74)
PORTLAND 332 (111.1, 116.1)
THE DALLES 230 (116.1)
REDMOND 368 (116.1)
EUGENE 251 (116.1)
PORTLAND VHF RANGE
EUGENE VHF RANGE
COASTWAY AERO
BAY OCEAN
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
WHIDBEY IS.
COUPEVILLE OLF
ARLINGTON AERO
MARYSVILLE
EVERETT
DUNGENESS 62
CLALLAM CO.
CAMANO IS
COUNTY-CITY
PAINE
SNOHOMISH
QUILLAYUTE
BLUE 32
HOBART 15
PANGBORN
FANCHER
EASTON
EASTON 37
CLE ELUM
MASON CO
LAKEVIEW 26
BOWERS
MOON IS.
OLYMPIA
WESTPORT
CAMERON
WASH 5 D.A
CHEHALIS CO.-CITY
TOLEDO-WINLOCK
OCEAN PARK
ILWACO
VISION
CLATSOP CO
ORE.
KELSO
SEASIDE
TOPPENISH
SPOKANE 3
ORE. 2 D.A.
WOODLAND 23
STEVENSON 32
WASHOUGAL 18
LA CENTER 12
HOOD RIVER
ARLINGTON
TO PENDLETON
WASH. 1 D.A.
RED 1
WASCO
THE DALLES
McMINNVILLE
WILLAMETTE 21
SKY ACRES
ADAMS
McNARY
DALLAS
RAY ADAMS
MADRAS
ALBANY
CORVALLIS JCT
CORVALLIS
LEBANON
NEWPORT
LANGMACK
ROBERTS
PRINEVILLE
HARRISBURG
MAHLON SWEET
SPRINGFIELD
BEND (NEW)
CHEMULT
MEDFORD
EUGENE
MEDFORD 19
FOR V.H.F. RANGES SEE CHARTS 144 TO 147

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓓ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS

DOROTHY SCOTT
TONASKET
OKANOGAN, NO 1
OKANOGAN LEGION
MAPLOTTI
RIVERVIEW
ANDERSON
CHELAN
EPHRATA 269 (111 1, 116 1)
COLVILLE
HAFER'S
DEER PARK
SPOKANE 365 (111 1, 116 1)
NEWPORT
WASH.
IDAHO
SANDPOINT
IDAHO
MONT.
COEUR D'ALENE 347 (116 1)
MONT
EUREKA
LIBBY
CALKINS AIR TERMINAL
COEUR D ALENE AIR TERMINAL
THOMPSON FALLS
DAVENPORT
WILBUR
COULEE CITY
SPOKANE AAF 245 (126.1R)
FELTS 278 (118.9)
EPHRATA
HARRINGTON
ARMSTRONG'S
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
MOSES LAKE AAF
RITZVILLE
LEMEN
MANITO
ROSALIA
WEEKS
ST MARIES
KELLOGG
TEKOA FLY CLUB
MULLAN PASS 206 (116 1)
TO ELLENSBURG
TO KOOTENAI
LIND
LA CROSSE
WASHTUCNA
CONNELL
WASH 5 D.A
WASH. 8 D.A
PULLMAN MOSCOW REGIONAL
ASOTIN CO
OROFINO
LEWISTON
GREAT FALLS SEATTLE
GREAT FALLS 6
TOUCHET VALLEY
WALLA WALLA 212 (116 1)
SUNNYSIDE
PASCO
RICHLAND
PROSSER
VISTA
MARTIN
TWIN CITY
WALLA WALLA AAF
CRAIGMONT
KAMIAH
WASH.
ORE
SKY RANCH
OREGON SKY RANCH
IDAHO CO.
PENDLETON 278 (118.7)
PENDLETON
HERMISTON
BOARDMAN
TO THE DALLES
CABBAGE HILL
PENDLETON AWYS SER
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111 1, 116 1)
LA GRANDE 329 (116 1)
LA GRANDE
LA GRANDE
ORE.
IDAHO
NEW MEADOWS
McCALL
SEATTLE 2
BAKER 221 (111 1, 116.1)
BAKER
JOHN DAY
CASCADE
WEISER
On request
ONTARIO 305 (116 1)
ONTARIO
PAYETTE
PAYETTE
BOISE 350
ELKO 22
SEATTLE
OVER

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(KO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1,122.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	305(OO)(116.1)	MHV	(4);116.1,122.1
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3);116.1 122.1
Pendleton Arpt.	278 (118.7)	C; 247°, 2.3	(4);122.5,118.7
WASHINGTON			
➸ EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,4.0	(4);116.1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV.	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
➸ WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV;182°,3.6	(4) ;116.1
➸ Walla Walla AAF			DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E;riv SW	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3770	20	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	32 S1	75 oct, Maint. May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;dam S	3295	44 S4	80 oct.20' pole line W.
Kamiah	0.6 SE;riv E	1194	32 S1	80 oct.Trees SSE.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	80 oct.
Landmark,USFS (Knox) (NC)	1.7 SSE	6680	23	ESE blkd,hills SSW.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S6	80 oct. P-line NE.
Orofino	1.3 NW;riv NE	1000	24 S6	80 oct,Ctn,Mtns ESE.
Payette	2 NE;RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW,RR S	2165	25	Trees E; hill W.
St. Maries	1.2 NW;riv S	2132	23 S2	76 oct.
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.
MONTANA				
➸ Eureka	2.7 NNW,RR N	2680	27 S1	80 oct.
➸ Libby, USFS	1 NE;riv S,E,W	2090	30 S1	80 oct.
Thompson Falls	3.2 ESE,RR N	2460	25	Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). ➸ NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE;hwy W	635	25 S2	80 oct. P-line ENE.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR S	1492	63h R2 L5 S6	80 oct for U.A.L.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
➸ Pilot Rock	0.8 E,hwy N			ABANDONED.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;hwy E	1100	16 S1	80 oct.Mtn W.
➸ Asotin County(Clarkston)	0.5 N;riv N	760	33 L4 S6	80,91 oct. Lgts prior req.Mtns W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv SE	1250	26	Hills N,S,SW.Caution.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1290	29 S2	80 oct, 2000' mtn S.
➸ Ephrata	2 SE,hwy NW	1273	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL FACS
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
➸ Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S2	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	25 S6	80 oct.
Okanogan Flight Strip (Omak)	4 N;hwy E	1298	47h S1	80 oct.
Pasco	2.8 NNW,RR E	402	47h	CLOSED.
(P) Prosser	1.4 NW;riv S	685	40 S6	80,91 oct. Trees W. Poles NE.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;mtn S	800	30 S6	80,91 oct,WSW blkd.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	41 S1	80 oct. Pwr line SSW. P-line SSE.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct.Emerg lgts on prior req.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R1	CLOSED.
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				
Craigmont,(Idaho)	Adj NW;RR SW	3688	20 S2	80 oct.P-line E.
Manito Arpk (Spokane,Wash)	5 SSE	2450	21	P-line NE;trees SW Data unver.
New Meadows (Idaho)	0.5 N;hwy jct SE		26	Unusable in wet weather.
Armstrong's Ranch(Harrington, Wash.)	3 ESE	2220	25 S2	Data unver.
➸ Maflott (Wash.)	1 N;riv S	1100	27 S1	80 oct.Soft when wet.
➸ Riverview (Brewster-Pateros, Wash)	2.6 WSW;hwy SE	1070	21 S1	80 oct,Pwr line SE,hill WSW.
➸ John Day (Ore)	0.6 W;riv N	3075	19 S2	80 oct.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL)(116.1)	SBMRAZ-DTV,319°,0.8	(4);116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)·116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND (Int.)	296 (DR)(116.1)	SBMRAZ-DTV, 185°,1.3	(4);116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV: 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105. 4495. 6210 kcs: (4)-3105. 4495. 6210. 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	Mtns ENE.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	40 S1	80 oct,Mtns NE.

MONTANA

Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	50h R1 L5 S6	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;hwy S,E	3810	39 S6	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
→ Conrad	1.1 W; creek S	3530	32 S2	80 oct.
(P) CUT BANK	3 SW;riv 1 E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 L1 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6174	70h L3	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not charted. → NEW OR REVISED DATA

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int,44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
→ Ennis (NC)	1 NW;riv E	4985	23	P-lines S
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S4	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR S	2870	27 S2	80 oct.Poles NW. Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80,91 oct.
→ Gates Park,USFS(NC)	35.8 W Choteau.	5400	26	Sur by mtns.Closed to public.
→ Geraldine Mun.	0.5 S;RR N,E	3200	17 S1	80 oct.Rough.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct.ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73,91,100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.Pole line S. Rnwy data unver.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.W,NW blkd.
→ Livingston	6 ENE;RR N	4656	62 S2	80,91 oct.
→ 10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S4	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.No flood lgts.
→ Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct. Poles N,E.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	1 N;RR E,S	5030	40 S1	80 oct.NE,SW,NW blkd.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4 WNW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake	3800	22	
Stevensville	2 ENE;riv 2 W	3620	30 S1	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR S,riv NE	2700	35 R1 L2 S1	80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L3 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	38 S1	80 oct.
(P) Valier	0.6 S;lake S	3820	35	Caution when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.

NEW AIRPORTS

Gardiner, Mont.	1 NNW;RR S	6200	22	

6 GREAT FALLS

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

QUARTER CIRCLE M C RANCH
CUT BANK 263
LETHBRIDGE
CUT BANK
TOOLE CO.
CHESTER
CONRAD
FLATHEAD CO.
KALISPELL
CHOTEAU
FORT BENTON
GREAT FALLS MUN. 278(118.7,126.18)
GREAT FALLS 317 (116.1)
GREAT FALLS AAF 219(126.18)
GERALDINE
TANNER
POLSON
MISSOULA 308 (116.1,111.1)
PLAINS
SUPERIOR
MISSOULA CO.
TO MULLAN PASS
GREAT FALLS VHF RANGE
HELENA 371 (111.1,116.1)
HELENA 278 RC 118.9 RC
McDONALD PASS
SUPERIOR 254 (116.1)
STEVENSVILLE
DRUMMOND
DRUMMOND 296 (116.1)
WHITE SULPHUR SPRINGS
DEER LODGE
TOWNSEND
LIVINGSTON 224 (116.1)
HAMILTON
BUTTE
HOMESTAKE
WHITETAIL
RAINBOW
GALLATIN
BUTTE 233 (116.1)
WHITEHALL
WHITEHALL 284 (116.1)
DILLON 379 (116.1)
SHERIDAN
TWIN BRIDGES
BOZEMAN 329 (116.1)
GARDINER
MONT.
WYO.
DILLON VHF RANGE
DILLON
SALMON
GREAT FALLS
SALT LAKE CITY
DELL
WEST YELLOWSTONE
FLYING R
DUBOIS 388 (111.1, 116.1)
DUBOIS
IDAHO
FOR V.H.F. RANGES SEE CHARTS 144 TO 147
OVER
SALT LAKE CITY 23
IDAHO FALLS

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF AIRCRAFT LEGS IDENTIFY IN QUADRANTS

49° 110° 109° 108° 107° 106° 105° 25 50 MILES

O CHINOOK
O HAVRE CITY CO.
O HARLEM
O MALTA AIRPK
ETCHART O
O VALLEY CO.
SCOBEY O
GUSTAFSON O ANDERSON O O WOLF POINT
FORT PECK O
48°
GREAT FALLS 6
BISMARCK 10
VINE O
CIRCLE O
O JORDAN

TO GREAT FALLS
O DENTON
LEWISTOWN
90
9000
17
92
MOORE
127
FOREST GROVE
270
146
6000
83
LEWISTOWN
353
(116)
HARLOWTON
ROUNDUP
BILLINGS
400
(116)
AMBER 3
9000
145
CUSTER (W)
215
70
6000
5000
153
238
MILES CITY
MILDRED
TO DICKINSON
142
LAVINA
CUSTER
25
6000
2 50
GREEN 2
60
240
FORSYTH
MILES CITY
320
(116)
5000
47°
46°
RAPELJE O
BILLINGS
278 (118.7)
96
7000
229
53
BIG TIMBER
12000
247
67
LIVINGSTON
224
13000
COLUMBUS O
PARK CITY
21
BUTTES
6
ZELKA O
BIG HORN CO
10000
105
297
9000
325
326
ST. XAVIER
BONES BROS RANCH
208
MINNEAPOLIS
GREAT FALLS
O BRIDGER
O RED LODGE
MONT.
WYO.
45°
POWELL O
O COWLEY-LOVELL-BYRON
O LOVELL
SHERIDAN CO
SHERIDAN
2
BUTTES
17
SHERIDAN
239
(116)
DENVER
CODY O
O BASIN
28
BUFFALO O
RED 2
298
101
GILLETTE MUN.
GILLETTE ARPK
130
9000
159
7000
8000
GREAT FALLS
SALT LAKE CITY
MEETEETSE O
110° 109° 108° 105° 44°
ROCK SPRINGS 26
CASPER
269
TO WRIGHT

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	AC(ILS-W):247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)116.1	SBRAZ-DTV;298°,1.6	(4);116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- ·--·(0.6)	OM- --(4.3)
					MMK-	OMK- 251 -···
		•		IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE,riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW;riv 1.2 E	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	80,91,100 oct.
(P) Bones Bros. Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct. Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E;hwy N	2868	44 L3	Poles NNW.
Denton	2.2 SSW;hwy S	3850	26 S2	80 oct.
Etchart (Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct. Trees SE.
Forsythe, 30 HL-Twin Cities	3 ENE;hwys S	2722	30 L3 S1	73 oct. Allway fld.
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct. P-line N,S,WSW
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE;RR S	2560	24 S2	80,91 oct. ESE blocked.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW;RR 1 N	2589	48h S6	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B, CX-GT	1 WNW,RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW,RRNW	4177	90h R1 L5 S4	80,91 oct. No flood lgts. Rnwy
(P) Malta Airpark	0.8 SW,RR N	2270	31 S1	80 oct. Shrubs NW.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L3	
(P) MILES CITY	2.5 NW	2628	56h R1 L5 S6	73,91 oct. Hwy NE.
Poplar (NC)	0.8 N,RR S	1970	28	
(P) Rapelje	1 SE;lk NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N;hwy W	3500	37 S2	80 oct. Rough.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W,hwy N	3002	18	

WYOMING

Basin	2.5 NE;riv W	3775	32	Hills S.E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
Cody	2 ESE;hwy S	5084	50 S6	80,91 oct. P-line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct. Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	71 S4	73,91 oct. Hill NW
(P) Powell	8 NNW	5054	42	Storage. P-line N,NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,creek N	3961	61h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk. (Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E;RR NNW	4100	19 S2	80 oct. P-line W.
Lovell (Wyo)	1 SE;hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW;riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W;RR S	3675	30 S2	80 oct S blkd Poles N

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER.. REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O' Minot)	209 (UI)	BMRLZ-DT,301°, 3.3	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4); 116.1
→RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1,122.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
→SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990'	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S2	73 oct. Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S4	73,80,91 oct. No sto.
Bowman	1.5 W,RR N	3000	24 S2	80 oct. P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N. FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3	

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct. Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) PORT O'MINOT (Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct. Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1906	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	0.6 S;riv ENE	2495	30 S2	80 oct. P-line W,SE.

SOUTH DAKOTA

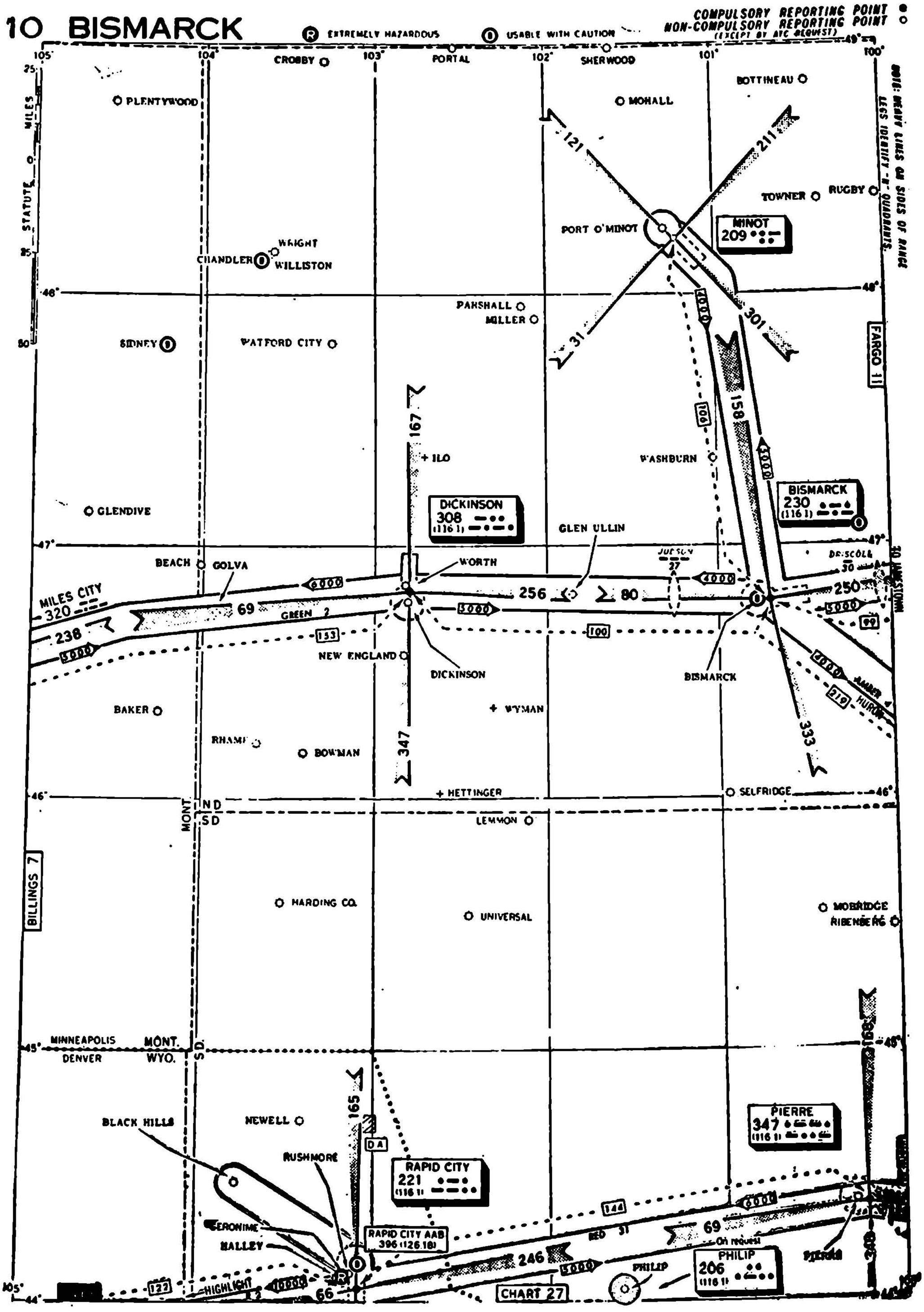
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	53 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	69h R1 S1	80,91 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S	2675	32 S2	80 oct. N,NW blkd. P-line
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF NE.
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct. E,W,N,SE blkd.
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct. Pole E. Use strips only.
Wright(Williston,N.D	3.2 N	1860	32 S6	80,91 oct. P-line S,W. Use
Harding Co.(Buffalo,S.D)	0.5 E;riv 0.5 S	2950	21	strips only.
→ McIntosh (S.D.)	1.3 E;lk SW			ABANDONED.
Universal(Bison,S.D)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct. Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy 1	1780	30 S2	80 oct. Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct. Use strips only. P-line SW.
Selfridge (N.D.)	2 SW;RR 2 E			80 oct. in town.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

10 BISMARCK


R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N-S QUADRANTS.
105°
104°
103°
102°
101°
100°
49°
48°
47°
46°
45°
44°
25
MILES
0
STATUTE
50
CROSBY
PORTAL
SHERWOOD
PLENTYWOOD
MOHALL
BOTTINEAU
121
211
TOWNER
RUGBY
PORT O'MINOT
MINOT
209
WRIGHT
CHANDLER
WILLISTON
PARSHALL
MILLER
31
301
SIDNEY
WATFORD CITY
FARGO 11
158
901
1000
167
ILO
WASHBURN
GLENDIVE
DICKINSON
308
(116 1)
BISMARCK
230
(116 1)
GLEN ULLIN
BEACH
GOLVA
WORTH
JUDSON
27
DRISCOLL
30
MINNEAPOLIS
MILES CITY
320
6000
69
GREEN 2
256
80
5000
4000
250
238
153
100
99
NEW ENGLAND
DICKINSON
BISMARCK
4000
219
HURON
BAKER
WYMAN
RHAME
BOWMAN
347
333
HETTINGER
SELFRIDGE
MONT.
ND
SD
LEMMON
BILLINGS 7
HARDING CO.
UNIVERSAL
MOBRIDGE
IBENBERG
MINNEAPOLIS
DENVER
MONT.
WYO.
SD
165
108
BLACK HILLS
NEWELL
RUSHMORE
D A
RAPID CITY
221
(116 1)
PIERRE
347
(116 1)
144
6000
ERONIME
HALLEY
RAPID CITY AAB
396 (126.1R)
RED 31
69
OH NIOBE
246
5000
PHILIP
206
(116 1)
PIERRE
308
122
HIGHLIGHT
10000
66
CHART 27

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS
Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS

STATUTE MILES

N.D. MINN.

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROC
MOHR
MATHLNY
HOSKINS
ROSEAU
THIEF RIVER FALLS
GRAND FORKS
CROOKSTON
ERSKINE - GUNTHER
TWIN VALLEY
WALKINSHAW
CONRAD BROS.
WEST FARGO
VALLEY CITY
JAMESTOWN
DAWSON
BISMARCK
GREEN 2
WHEATLAND
FARGO
LISBON
ABERCROMBIE
HOMESTEAD
STATE SCHOOL OF SCIENCE
FERGUS FALLS
PARK RAPIDS
DETROIT LAKES
BARNESVILLE
ASHLEY
AMBER 4
ABERDEEN
WEBSTER
ORTONVILLE
MILBANK
BENSON
APPLETON
WILLMAR
GETTYSBURG
DEITER
W. W. HOWES
MILLER
WATERTOWN
LAKE POINSETT
MADISON
MONTEVIDEO
REDWOOD FALLS
LAKE PRESTON
OLDHAM
CARTHAGE
SIOUX FALLS
SMITTY SKY RANCH
FLANDREAU
BRITTON
WHEATON
SISSETON
GRACEVILLE
MORRIS
GLENWOOD
ALEXANDRIA
LAKE BENTON
TRACT
WESTBROOK
MARSHALL

PEMBINA 260
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
ASHLEY (W) 206
ABERDEEN 329 (116.1)
HURON 353 (111.1, 116.1)
PIERRE 347
WATERTOWN 382 (116.1)
ALEXANDRIA 239 (116.1)
WILLMAR 254 (116.1)
SIOUX FALLS 245
BISMARCK 230

77 257 344 170 80 260 165 350 160 73 250 257 83 260 345 307 120 186 300 109 289 166 177 341 76 256 75 113 224 293 263 44 346 357 234

CHART 28

OVER

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
➤ WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.3	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV;263°,0.9	(3); 116.1
➤ Fargo-Hector Arpt	388(118.7)	C . . .	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	320 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1,122.1
HURON (W.W.Howes)	353(HR)(vhf)	BMRLZ-DTV,44°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S6	80,91 oct.No sto.Fld lgts on req.
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct.No sto.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct.No sto.Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct.No sto. sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct.Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct.P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 L1 S6	80 oct.P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct.P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S6	80 oct.P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct.P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct.Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct,No sto.P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct.P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
Oldham (S.D.)	1 ESE	1668	25	Use strips only.Poles N.
Gettsburg (S.D.)	(S.D) 1.5 S;dams 1 SW	2082	27 S4	80oct.Use strips.Poles S,W
Lake Poinsett(Arlington)	4.3 ESE;lk,hwy E	1680	22 S2	80oct.Use strips.Poles SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.
(See page XIII) (NC)-not charted ➤ NEW OR REVISED DATA.

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W.
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct.Port lgts on req.
(NG) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct.ARPT OF ENTRY
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
Homestead(Wyndmere)	6.2 N,hwy W	1100	16 S1	80 oct.Trees E,SW.
(P) Jamestown	1.5 NE,hwy S	1498	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct.P-line N,NW
Lisbon	0.8 SSW	1151	21 S1	73 oct.Polelines N,S.Tank NE.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct.No sto.Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N, RRV	1533	32 S6	80 oct.No sto.P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY.
Rolla	1.5 N;hwy E	1850	25 S4	80 oct.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct.Poleline N;pwrline E.
(P) Valley City, 71	1.5 NW,riv NE	1375	38h L1	(HL-Twin Cities)
Walkinshaw (Argusv'l)	4.5 V NW	865	23 S2	80oct. N blkd.
SOUTH DAKOTA				
(P) ABERDEEN	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct.Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Dieter (Redfield)	6 E;RR S'	1300	25 S1	80 oct.P-line sur fld exc.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct.Poles sur fld.E,W
Madison	3.7 ENE,hwyS	1688	26 S2	80 oct.Trees W;pole NW
★ Miller,Int.44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW,RR NE	1300	25	Pole line E.
WATERTOWN	2 NW,RR NE	1736	69h R1 L3 S1	80, 91 oct.
Webster	3 S;hwy W	1848		Poles NE,W,NW.Use ctn
(P) W.W.HOWES(Huron)	1.3 NNW	1287	43h R1 L3 S6	73,80,91 oct.
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct..Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct.Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct.Pwr line N,W,NW.
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct.Allway fld.N,NE,
Smitty Sky Ranch,	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
Bell (Devils Lake,N.D	2 SSE;	1478	30 S6	80 oct. (Minn)
Erskine-Gunther	2 ENE;lake S	1150	23 S1	80oct.P-line ENE(Erskine,
Lake Preston (S.D.)	1.2 ENE;lk N	1725	18 S2	80oct.Stacks E.Rough.Poles
Conrad Bros.(Page,N.D)	4 E	1080	15 S2	80 oct.
➤ Wheaton (Minn)	3.0 SW;crk N	996	20 S1	80 oct.
➤ Tracy (Minn)	1.2 NE;hwy S	1338	23 S1	80 oct.

MINNEAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aitkin Mun. (Minn)	1.7 ENE;riv W	1208	26 S1	80 oct.
Amery (Wis)	3.4 NNW;lk SW	1100	26 S6	80,91 oct.SE blkd.
Anderson (Cocato, Minn)	2.6 ENE;RR S	1020	23 S1	80 oct.Poles S;trees W.
Anoka Flying Service (Minn)	1.2 SE	896	19 S6	73,91 oct.Poles NE;twr SE
Arrowhead (Rice Lake, Wis)	2 SSE;lake S	1190	24 S4	80 oct.Use lndg strips only
Ashland (Wis)	2.5 SSE;RR E	700	19 S2	80 oct.Use strips only.
Barron (Wis)	1.1 ENE;riv W	966	26 S2	80 oct.E blkd.P-line W.
Baudette (Minn)	0.8 NW;riv N	1080	27 S4	80 oct.ARPT OF ENTRY.
(P)Bemidji (Minn)	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn)	1.2 NW;lake W	1350	23 S1	80 oct.P-line NE.Use strips only.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct. P-line E.
(P)Bong (Superior, Wis)	2.3 S; RR E	674	33 S6	80 oct.P-line SE.Twr NW
Boyceville (Wis)	0.5 E;RR N	948	21 S2	80 oct.P-line W,N,NE.Use
Boyd's Mason Lake(Fifield,Wis)	13 WSW;lk NW	1200	30 S1	80 oct.N,E,W blkd. strips
Brainerd (Minn)	1.3 SSE;hwy W	1210	25 S6	80 oct.
→Burnett Co. (Siren, Wis)	2.6 NNE;hwy E	988	39h	Trees SW,NW.RR W.
(A)Camp Ripley (Little Falls,Minn)	7.5 N;riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton, Minn)	0.7 NE;RR W	870	30 S6	80 oct.Flares on req.Obst
→Chetek (Wis)	1.5 SE;lake E	1050	22 S2	80 oct.P-line S, sur fld SE. Use strips only.
Chippewa Falls (Wis)	2 S; RR NW	910	26 S6	80 oct.P-line SW,W.NW,S
Colby-Abbotsford (Colby,Wis)	1.2 NNW;RR E	1400	26 S4	80 oct.P-line NNE. blkd.
Coleraine (Minn)	0.8 SSE;lk SE	1390	25 S4	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct.P-line SSE.
→Cumberland (Wis)	3 SE;lake NE	1175	26 S4	80 oct.N,S blkd.
Dallas (Wis)	0.7 SSE;RR W	1100	26 S2	80 oct. S blkd.
DULUTH Range (Minn)	221 (DH)(116.1)	13°,3.9	SBRAZ-DTV	(4); 116.1
(P)[Duluth] (Minn)	6.5 NNW;hwy S	1428	57h S6	80,91 oct.Clsd ngts,except airlines.ARPT OF
Eau Claire (Wis)	1.5 SSE;hwy N	884	31 S6	80,91 oct.Obst. ENTRY. sur field.
(P)Eau Claire Mun. (Wis)	3.5 NNE;riv NW	885	43h	Trees SW.
→Eau-Claire Sky Park (Wis)	2.0 SSW;RR W	886	28 S4	80 oct.P-line S,SE.Trees
Ely (Minn)	1.2 E	1425	24	Trees sur fld. SW,NW. Not maintained.
Faribault (Minn)	1.6 S;hwy W	1060	20 S1	80 oct.Pwr line W.
(N)Fleming (So.St.Paul, Minn)	1.8 S;riv NE	822	15h S6	80 oct.Flares prior req.
Flying Cloud (Minneapolis,Minn)	13.8 SW;riv S	900	30 L1 S6	80 oct.P- line S, NE. Rdo rprs.
Gervais (Tofte, Minn)	1.2 NE;hwy S	800	28 S5	80 oct.
Gogebic Co.(Ironwood,Mich)	4.5 NNE;RR S	1246	24 S4	80 oct.Poles S.Soft when
Grand Rapids (Minn.)	1.5 SSE;lk NE	1293	25 S6	80 oct. wet.
Grantsburg (Wis)	1.5 NNE;riv S	870	13 S2	80 oct.Trees NE,SW.Use
(P)Hayward (Wis)	2 NE;RR NW	1200	30 S4	80,91 oct. strips.
Hector (Minn)	0.7 S;RR N	1100	25 S1	80 oct.P-line W,NW,SW.
Heywood Gull Lake,(Nisswa,Minn)	1.7 SSW;lk S	1200	18 S2	80, 91 oct.
(P)Hibbing (Minn)	4.5 SE	1367	40h L4 S6	80,91 oct.Lgts on req.
(P)Hincks (Monticello, Minn)	1.3 NNE;riv SSW	940	44 S6	80 oct.P-lines S,SW.
→Holcombe (Wis)	0.5 NNE;riv W	1038	14	P-line NNE;bldgs SSW.
Hudson Flying Service (Wis)	3.8 E;hwy N,W	850	18 S1	80 oct.P-line NE,SW.Ctn.
Hultquist's Sky Ranch (Minong,Wis)	1.9 W;lk W	1180	13 S4	80,91 oct.Trees S,N.
→Hutchinson (Minn)	2.5 SSE	1052	28 S1	80 oct.
(P)International Falls (Minn)	2.2 S	1175	30h S4	80 oct.
Jackson Co.(Black River Falls,Wis)	2 E; RR W	855	28 S6	80 oct.P-line W,NW,SW.
Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.
Kenyon (Minn)	0.8 S;RR E,N	1240	20 S1	80 oct.P-line N,NE.
(P)Lake City (Frontenac, Minn)	0.5 SE;RR N	775	44 L3 S6	80 oct.
Le Sueur (Minn)	1.1 S;riv W	900	24 S4	80 oct. Rolling.
Litchfield (Minn)	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork (Minn)	1.8 WNW;riv E	1153	19 S2	80 oct. P-line S.
Mankato (Minn)	1.7 SE;hwy W	996	29 L1 S6	80,91 oct.P-line NE,SE. Flare pots on req.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 S6	80 oct.Flare pots in emerg
→Menomonie (Wis)	3.2 NE;RR N	2895	26 S1	80 oct.Obst sur fld.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
MINNEAPOLIS Range (Wold Chamberlain (Minn)	266 (MP)(116.1)	298°,3.6	SBRAZ-DTV	(3); 116.1
Neilsville Memorial (Wis)	5.7 W;hwy SW	1000	24 S1	80 oct.Trees sur fld.
→New Richmond (Wis)	3.5 ENE;RR S	990	24 S1	80,91 oct.Bldg E;trees W.
(P) New Ulm (Minn)	1.8 W;RR N	1000	32 S1	80 oct.P-line N;hwy N.
Northport (White Bear Lake,Minn)	3.2 E;lake W	1000	22 S6	80,91 oct.
(P)Otis Lodge (Grand Rapids,Minn)	7.5 SW;lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Owatonna (Minn)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P)Phillips (Wis)	1.2 N;riv S	1140	30	P-line W,SW.
Pine Beach (Brainerd, Minn)	8.8 WNW;lk N	1250	21 S1	80 oct.P-line NW,W,SE,E.
Pines (Bloomer , Wis)	0.9 E; RR W	1050	16 S2	80 oct.Poles S,W.Rough.
Pleasant Corners (Dodge Ctr,Minn)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S. W blkd.
Price Lake (Phillips, Wis)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but
Princeton (Minn)	1 NNW;riv N	976	21 S4	80 oct.Trees lake appch N, W. Use strips only.
Rainbow (Winter, Wis)	4.2 WSW;riv S	1265	19 S1	80 oct.W appch hazardous.
Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
Rice Lake (Wis)	3.5 NNE;RR W	1150	37 S4	80 oct.Poles sur fld.
→River Falls (Wis)	0.5 NW;riv,RR E	885	18 S1	80 oct.P-line N,S;trees E.
Robbinsdale (Minn)	0.8 NW;RR E	879	14 S6	80 oct. Obsts N,S.
Rusk Co. (Ladysmith, Wis)	2.8 SE;RR SE	1150	25 S2	80 oct.Use strips only.
(NG) St. Paul (Minn)	1.5 SE;riv E,N	704	55h L4 S6	80,91 oct. 100 oct. NG.
St. Peter (Minn)	2.4 NNW;riv E	900	20 S4	80 oct. P-line S.
→Sand Creek (New Auburn, Wis)	7 WSW;riv E	990	26 S1	80 oct.Trees N. S blkd.
(P) Schlosser (Durand, Wis)	2.4 NNW;riv W	800	32 S2	80 oct. P-line NE.
Sells Fly. Field (Mayer,Minn)(NC)	0.4 SSE	750	12 S6	80 oct.Hill N end. Ctn.
Sky Harbor Lodge (Pine Riv.,Minn)	1 NE;lake NW	1340	26 S1	80 oct.P-line N,S,W.Trees
→Sky Haven (Eau Claire , Wis)	5 SW;riv,RR W	940	31 S6	80 oct.P-line S,SW, E
Shell Lake (Wis)	1.2 SE;RR W	1214	29 S1	80 oct.Trees N,NE,S.
Spencer (Wis)	0.5 WSW;hwy N		22 S2	80 oct.Fence S,SW.Data unv
Spooner (Wis)	5 N;lake NW	1072	26 S1	80 oct.Trees S.Use strips.
Springfield (Minn)	0.5 W;hwy N	930	22 S1	80 oct.P-line ENE,E,ESE.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct.Use strips. WNW.
Taylor County (Medford, Wis)	2 SE;riv NW	1400	21 L S1	80 oct.P-line N.Flares on
Thorp (Wis)	1.4 SSW	1225	20 S1	req.
Thorp City (Wis)	0.6 SSE;RR N	1225	22 S1	80 oct. Hwy N.
Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
Union (Iron River, Wis)	2.2 WNW;RR S	1100	19 S1	80,91 oct.E blkd.Use strips
University of Minn. (New Brighton Minn)	3.8 N;hwy W	909	34 S6	80 oct.Trees E.P-lines W, NW,SW,N.
Victory (Minneapolis, Minn)	9 N; riv E	860	39 S6	80,91 oct.P-line SW.
Virginia (Minn)	2 WSW;bet RRs	1429	35 S4	80,91 oct.P-line N.
Waseca (Minn)	0.5 S;RR NW	1150	39 S2	80 oct. P-line N.
(2)Whitney Mem'l (St. Cloud, Minn)	1.5 NNW;riv E,N	1034	35 L3 S6	73, 80 oct.
Winona (Minn)	4.5 WNW	670	24 L3 S6	80,91 oct.Hwy NW
WOLD CHAMBERLAIN Tower (Minneapolis, Minn)	278 (126.18, 118.3)+		AC (ILS)	(4); 122.5,126.18,118.3
(A,N)[Wold-Chamberlain] (Minneapolis, Minn)	6.5 SSE;hwy S	834	59h L4 S6	80-100 oct.JP-1.Rdo rec. rqrd.N blkd.Ltd maint.fac for mil.acft

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC	LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
WOLD CHAMBERLAIN	109.9		333.8	354°	MM-	•—•— (0.76)	OM-	——(4.7)
					MMK- 201	•••	OMK- 219	——

NEW FACILITIES

Owen (Wis)	0.7 NE;RR S	1270	19 S1	80 oct.P-line N,NE,SW,W,
Taylor Falls (Minn)	1.5 W; riv E	950	23 S6	80 oct. NW.
→Waldoch Fld(Forrest Lake,Minn)	6.5 SW	905	22 S1	80 oct.P-line E.
→Southport(Rosemount,Minn)	4.4 WSW	962	26 S4	80 oct.P-lines sur fld.
→Sleepy Eye (Minn.)	3.3 SSE;lk 2 E	936	21 S1	80 oct.P-line N.
→Morgan (Minn)	1.5 NNE	1025	20 S1	80 oct.P-line E

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
→ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalised.

14 MINNEAPOLIS

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ●
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS I: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDICATE "H" QUADRANTS.

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

95° 94° 93° 92° 91° 90°

25 MILES 0 STATUTE 25

50

48°

47°

46°

45°

BAUDETTE

INTERNATIONAL FALLS

CAN. MINN.

LITTLE FORK

DA

ELY

BEMIDJI-PORT-O-WILDS

BEMIDJI

VIRGINIA

HIBBING

COLERAINE

GRAND RAPIDS

OTIS LODGE

GERVAIS

169 MILES

169

171

193

DULUTH

DULUTH 221 (116.1)

MINNEAPOLIS 266 (116.1)

89

35

35W

35E

SKY HARBOR LODGE

FARGO 11

PINE BEACH

HEYWOOD

CROSBY

AITKIN MUN.

STAPLES

TODD

BRAINERD

MILLER

CAMP RIPLEY

BONG

UNION

ASHLAND

WISC. MICH.

GOGEBIC CO.

269

HULTQUIST'S

HAYWARD

SPOONER

RAINBOW

BOYD'S

PRICE LAKE

PHILLIPS

SAULT STE. MARIE 15

GRANTSBURG

SHELL LAKE

ARROWHEAD

CUMBERLAND

RICE LAKE

BARRON

RUSK CO.

TAYLOR FALLS

AMERY

CHETEK

DALLAS

PINES

TAYLOR CO.

BOYCEVILLE

THORPE CITY

OWEN

THORPE

COLBY-ABBOTSFORD

CHIPPEWA FALLS

EAU CLAIRE MUN.

EAU CLAIRE

SCHLOSSER

MARSHFIELD

NEILLSVILLE

JACKSON CO.

WINONA

LA CROSSE 371

236

WISC. 2 D.A.

RED 36

ALEXANDRIA 239

GREEN 1

300

131

WHITNEY MEM.

PRINCETON

LITCHFIELD

98

KENTOBY

118

ANDERSON

RED 31

HINCKS

ANOKA

WALDOCH

VICTORY

U. OF MINN.

264

HAMEL 24

WILLMAR 254

ROBBINSDALE

NORTHPORT

HUDSON

ST. PAUL

FLEMING

HUTCHINSON

WOLD-CHAMBERLAIN 278 (118.3, 126.1)

RASTIMOS 10

HECTOR

BLEICK

MORGAN

SIOUX FALLS 245

234

582

JORDAN 26

FLYING CLOUD

SOUTHPORT

CARLETON

LE SUEUR

ST. PETER

NEW ULM

SLEEPY EYE

SPRINGFIELD

FARIBAULT

KENYON

MANKATO

WASECA

OWATONNA

PLEASANT CORNERS

ROCHESTER 236

RED WING

LAKE CITY

298

170

120

OVER

CHART 29

● COMPULSORY REPORTING POINT
● NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(E) EXTREMELY HAZARDOUS
(U) USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

SAULT STE. MARIE 15

GRAND MARAIS (W) 341 ·-·· ·
HOUGHTON (W) 227 ··· ·-·
SAULT STE. MARIE 356 ··· ·-· (116.1)
TRAVERSE CITY 365 ·-· (116.1)
PELLSTON 209 ·-· ·
CADILLAC 269 ··· ·
GLADWIN 257 ··· ·

107 197 287 17 111 291 201 21 104 297 204 24 214 319 139

HOUGHTON CO. · HOUGHTON CANAL · BAROGA · MUZZY'S · MARQUETTE CO. · CHICAGO · CHICAGO DETROIT · CAN. MICH. · SAULT STE MARIE · RACO AAF · LUCE CO. · SAULT STE MARIE-KINROSS · BOULDER JCT. + MANITOWISH WATERS · KING'S GATEWAY · HAIGHT · BLANEY PARK · MICH. WIS. · EAGLE RIVER · MACKINAC CO. · MINNEAPOLIS 14 · TWIN LAKES (U) · RHINELANDER · FORD · NORTHLAND · ESCANABA · EMMET CO. · PETOSKEY-HARBOR SPRINGS · CAMPBELL · PET-O-SE-GA · PRESQUE ISLE CO. · CHARLEVOIX · E. JORDON · HILLMAN · SCHEIDLER · PHELPS COLLINS · ATLANTA · BELLAIRE · WATERS · MERRILL · ANTIGO · MENOMINEE CO. · ALEXANDER · WISCONSIN VALLEY · OCONTO FALLS · + OCONTO · CHERRYLAND · SHAWANO · + KUBIAK'S · CLINTONVILLE · STEVENS POINT · BROWN CO. · NICOLET · NEPCO TRI-CITY · MAUPACA · OUTAGAMIE CO. · VALLEY AWYS. · COLOMA · GINNOW · MANITOWOC · BERLIN · WINNEBAGO CO. · SKY VILLAGE · CHAPLIN · GREEN LAKE · FOND DU LAC · KOHLER · TRAVERSE CITY · FRANKFORT · GRAYLING · MASONS · TIMBERS SKY CAMP · OSCODA AAF · MICH. 1 D.A. · ST. HELEN · HOUGHTON LAKE · IOSCO CO. · LA PORTE · CADILLAC · MANISTEE-BLACKER · MASON CO. · EVART · GLADWIN · DOHERTY · COLBECK · SPORTSMAN · BAD AXE · MILWAUKEE 31 · DETROIT 33

90° 89° 88° 87° 86° 85° 84° 83° 82° 50'
47° 21' 47' 46' 45' 44' 43° 45'
STATUTE MILES 0 25 50

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct.Lgts prior req.
Alger Co. (Munising,Mich)(NC)	4 SSE;hwy E	850	26	Twr N;woods all sides.
Amasa (Mich) (NC)	4 NW	1560	14	Not maintained.
(P)Antigo (Wis)	2 ENE;hwy N	1483	33 S4	80,91 oct.Flare pots avail.
Arbor-Vitae (Woodruff,Wis)(NC	2.6 NW	1600	25 S2	80,91 oct.P-line N;trees E,
Atlanta (Mich)	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W. W.
Au Gres (Mich) (NC)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW.NW blkd.
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct. Trees NE.
Baraga (Pelkie, Mich)	3.5 SE;hwy N	805	21 S2	80 oct.P-line N;trees E,S,
(P) Beaver Island (St.James,Mich)	4.2 SSW	620	35	NW,SE blkd. (NC) W.
(P) Bellaire (Mich)	1 NE;RR W,S	614	24 S1	80 oct.P-line E,SE.
Berlin (Wis)	2.9 W;hwy S	780	20 S1	80 oct.SE blkd.P-line SW.
Big Bear (Topaz, Mich)	2.2 S	1295	25 S2	80 oct. P-line S;trees E.
Big Lake (Baraga, Mich) (NC)	7.3 SW;rd W	1100	20	Trees all sides.Emerg.use
Blaney Park (Mich)	0.5 NW;lk N	850	18 S1	80 oct. P-line E.
Boulder Junction (Wis)	1.5 NW		38 S1	80,91 oct. Data unver.
Brevort (Mich)	1.2 NW;hwy S	620	23	Emerg. use. Trees E,W.
Brown Co. (Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct. E,ESE,SE blkd.
CADILLAC H Fac. (Int.)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac, 23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
Calbeck (Beaverton, Mich)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE;trees E,NW
Campbell Mun. (Indian River)	0.8 SE;RR,hwy W	602	20 S1	80 oct.P-line N.(Mich)
Chaplin Arpk (Plymouth, Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
Charlevoix (Mich)	0.8 SW;lk NW	642	30 S2	80 oct. P-lines S,W,NW.
(P)Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wisc)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blkd.Pwr line NE,SW,W.
Coloma (Wis)	3.0 NW;hwy E	1065	26 S2	80 oct. N,S blkd.
D.A.R. (Rexton, Mich) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-ctn.
Eagle River (Wis) (NC)	1.3 NW;riv NW	1675	26 S1	80,91 oct. P-line E.
East Jordan (Mich)	1.9 SSE;riv W	640	26 S1	80 oct.P-line E,N;trees W
(P)Emmet Co. (Pellston, Mich)	0.6 NW;RR E	707	54h L3 S2	80,91 oct.Lgts on req.P-
Escanaba (Mich)	2 SSW	594	26 S6	80,91 oct.Trees E line N,E
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW.
Ford (Iron Mountain, Mich)	2.5 W;riv W	1140	23 S6	80,91,100 oct. SE blkd.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough.
GLADWIN H Fac. (Mich)	257 (GU)		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND MARAIS Range (Mich)	341(IG)		RL-W	Oper.State of Mich.
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
(P)Grayling (Mich)	1.3 NW;RR W	1152	50h	
(P)Haight (Crystal Falls, Mich)	1.3 ENE;lk E	1390	34 L1 S4	80,91 oct.Bldg SW,WNW.
(P)Harbor Beach (Harbor Beach, Mich)	2.5 W;rd S	670	20 L S2	80 oct. P-line NE,SE Flood lgts prior req.
Harrison (Mich) (NC)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough.
Hillman (Mich)	2.8 NW	995	23 S1	80 oct.Woods all sides.
HOUGHTON Range (Mich)	227 (CAM)		RL-W	Oper. State of Mich.
Houghton Co. (Calumet,Mich)	2 SE;RR NE	1200	26 S4	80 oct.Twrs,poles W. NW
Houghton Lake (Houghton Hgts, Mich)	1 W;lake NNE	1150	27 S2	80 oct.Pole NW; blkd. trees W,SSE,E.Rdo twr W
Houghton Sands (Mich)	2 ESE;RR SW	605	26 S3	80 oct. N lgtd.
Ishpeming-Dexter (Mich)(NC)	7 W;RR N,S	1570	25	Poles N.
Kalkaska (Mich) (NC)	0.5 WNW;RR E	1020	26	
King's Gateway (Land O'Lakes, Wis)	0.5 SSE:RR W	1736	44 S2	80,91,100 oct.P-line SE,SW, NW. Twr NE.
(A)Kinross (Mich) (A)	See Sault Ste Marie-Kinross under "New facilities"-name changed.			
(P)Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct.SE blkd.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
La Porte (West Branch, Mich)	6 SE;RR W	890	26 S2	80 oct.P-line SW.Rough off
Lost Creek Sky Ranch (Red Oak)	4 SSE;hwy S	1090	26 S1	80 oct. (Mich) strips.
Luce Co. (Newberry, Mich)	4.1 SE;hwy S	872	28 S1	80 oct.NW blkd.Poles SE.
Mackinac Co. (St.Ignace, Mich)	2 NNW;hwy E	600	26 S2	80, 91 oct.
Mackinaw City (Mich) (NC)	5 S;RR W	700	22	
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.
Marenisco (Mich) (NC)	1.6 E;hwy N	1551	20	ENE,WSW blkd Bndry lgts.
Marquette Co. (Mich)	7.9 W;hwy S	1412	27 S2	80 oct. inop.
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
(P)Masons (Grayling, Mich)	12 ESE;riv 2 N	1000	40 S1	91 oct.
Menominee Co. (Mich)	5 NNE;bay E	590	27 S1	80 oct. Trees sur fld.
Merrill (Wis)	1.2 NNW;RR E	1285	22 L1 S2	80 oct.Use strips only.
Mio (Mich) (NC)	1.6 N;hwy W	1050	26	Emerg. use only.
Muzzy's (L'Anse, Mich)	2.3 SSE;RR E	1008	24 S1	80 oct.Poles ENE,ESE;
Nepco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts trees WNW on req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct.P-line E,W.Data unv.
(P)Northern Lakes (Manitowish,Wis)	6.8 E;hwy NE	1600	28 S4	80 oct. Trees E,W.
Northland (Norway, Mich)	1.8 ESE;RR N	1060	33 S3	80,100 oct.P-line N.
Norway Township (Loretto,Mich)	See Loretto Arpt under "New Facilities" - Name Changed			
O'Conta (Wis)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Onaway (Mich) (NC)	0.6 NNE;RR S	770	21	P-line SW;trees SE.
(A)Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Otsego Co. (Gaylord,Mich)(NC)	1 SW;lk 1.5 S	1384	40 S1	P-line E,NE.Trees N.
Outagamie Co.(Appleton, Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
PELLSTON H Fac. (Mich)	209 (PJ)		MHT	(4); (6-22)(Emmet Co.)
Pet-O-Se-Ga (Wildwood,Mich)	1.8 NW;lk NW	620	20 S2	80 oct.
Petoskey-Harbor Spgs.(Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E.Trees NW
Phelps Collins(Alpena,Mich)	6.5 WNW;riv adj	685	50h L5 S4	80 oct.No bcn, SE (Mich) bndry lgts.Lgts on req.
Presque Isle (Rogers City,Mich)	0.7 SSE;hwy E	658	26 S2	80 oct.
Prickett-Grooms (Sidnaw,Mich)	0.5 N;RR S	1300	18 S1	80 oct.Use ctn.Bldgs SE,
(A) Raco AAF (Mich) (A)	4.5 WSW;RR N	910	55h	TMP INACT.NO FACS SW.
(P) Rhinelander (Wis)	2 W;riv 1 SE	1598	37 S4	80,91 oct.Trees NW.
Roscommon (Mich) (NC)	2.5 SE;RR NE	1100	42	Trees all appchs.Emerg.
Roscommon Co.(Prudenville,Mich)	4.5 N;riv E	1150	26 S1	80 oct.Trees sur fld. use.
St. Helens (Mich) (NC)	0.9 SE;RR N	1153	26	Tree all appchs.Emerg.use
SAULT STE.MARIE Range (Mich)	356(VC)(116.1)	317°,2.2	SBMRAZ-DTV	(4);116.1,122.1
(P)Sault Ste Marie (Mich.)	1 SSW;riv N	706	36 L3 S4	80,91 oct.Fld lgts on req.P-lines E,S.ARPT OF ENTRY
Scheidler (Alpena, Mich)	6.3 N;hwy NW	590	22 S4	80 oct.P-line NE,N,SW.
(P)Schoolcraft Co.(Manistique,Mich)	3.3 ENE;lk S	678	31	Appchs 5:1 (NC)
Shawano (Wis)	2.3 ENE;lk NE	813	40 L S6	80,91 oct.Poles SW Lgts prior req.Rnwy data unv.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct.Data unver.
Steuben (Manistique,Mich)(NC)	20 NW	850	18	Woods all sides.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
Three Lakes (Wis)	0.5 S	1664	14 S1	Fuel.Rough.Obsts sur fld.
Timbers Sky Camp(So.Branch, Tomahawk (Wis) (NC) Mich)	0.2 NE;riv 4 E 0.5 WNW;riv N	950 1450	22 S1 15	80 oct.P-line NW.Trees NE Obsts sur fld.Emerg.use.
TRAVERSE CITY Range (Mich)	365(TG)(116.1)	319°,2.2	SBMRAZ-DTV	(4); 116.1
(P) Traverse City (Mich)	2.1 SE;RR NE	618	52h L5 S6	80, 100 oct.
Valley Airways (Neenah,Wis)	3.9 SW;RR E	760	21 S4	80 oct.P-line E;trees S.
Washington Island (Wis) (NC)		600	24	0.6 NNE of Detroit Harbor
Waters (Mich)	0.6 N;hwy W	1225	25 S1	80 oct P-line NW.Trees sur
Watersmeet (Mich) (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg.use. fld.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
(P)Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.P-line NE,N,W. Rnwy data unver.
Wisconsin Valley (Rothchild,Wis)	2 S;RR,hwy W	1180	30 S4	80 oct.P-line N, NW.
NEW FACILITIES				
Loretto (Mich) NC	2.4 S;lake N	860	21	Trees on side strips.
SAULT STE MARIE-KINROSS H Fac (Mich)	239 (KNR)		HW	Civil Fac.
(A)Sault Ste Marie-Kinross Kinross,Mich)	2.5 SE	780	55h S1	91 oct.Army Tmp Inact.
Sportmans Fld(Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Bldgs NE,trees SW

B-3465-03*

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4496, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ✱ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ✱ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➙ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

PRESQUE ISLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Andover (Me) (NC)	2.5 S;hwy E	675	17 S3	1125' hill, pole E.
→ Aroostook Fly.Svc.(Ft.Fairfield)	1.7 E;riv W			ABANDONED(Me)
(P) Auburn-Lewiston (Auburn,Me)	4.5 SW;RR W	290	45h L5 S6	80,91 oct.P-line E,SE.Fld lgts on req.
AUGUSTA Range (Me)	221(AW)(116.1)	81°,2.0	BMRLZ-DTV	(4); 116.1
Augusta (Me)	1.5 WNW;hwy S	354	34h L5 S6	80,91 oct.Fld lgts on req.
Austin (Swanton, Vt)	1.7 NE;RR W	235	21 L S6	80,91 oct.Port rnwy lgts prior req.ARPT OF ENTRY
Austin (Washington, Me)	2.6 W;hwy N	280	13 S1	80 oct.
BANGOR Range (Dow) (Me)	239(BB)(116.1)	172°,2.1	SBRAZ-DTV	(4); 116.1
Bar Harbor (Me)	9 NW;hwy W	87	45h L3 S6	80 oct. P-line NNE.
(P) Barre-Montpelier (Barre,Vt)	3 W;pond SW	1149	41h L5 S6	80, 91 oct.
(P) Belfast (Me)	1 SW;hwy E	160	40h S6	80 oct.
(P) Berlin (N.H.)	7.5 N;riv W	1140	52h S4	80, 91 oct.
Bethel (Me)	1.6 NW;RR E	660	16 S2	80 oct. Trees W.
Billings Arpk(Ellsworth, Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW,SE.
Bishop (La Grange, Me)	0.8 N	360	10 S4	80 oct. SSW,WSW blkd.
Bradley (Watertown, N.Y.)(NC)	2.2 N;RR E	435	25 S6	80 oct.P-line W,SW,S blkd
Bristol (Vt)	0.7 W;riv SE	570	21 L S6	80 oct.Port rnwy lgts.ENE.
Brown (St.Johnsbury, Vt)	5.2 N;RR E	807	21 S6	80 oct.Obsts sur fld. blkd.
BURLINGTON Range (Vt)	323(JG)(116.1)	151°,2.8	SBRAZ-DTV	(3); 116.1
→ BURLINGTON Tower (Vt)	278(126.18,118.7)		C	(4);122.5,126.18,118.7
(NG) Burlington (Vt)	3 E;riv NE	334	44h L5 S6	80,91 oct.ARPT OF ENTRY
Caribou (Me)	1 N;riv SE	623	35h S6	80 oct.Bldg E.ARPT OF EN-
Central (Lewiston, Me)	1 NE	220	15 S1	80 oct. TRY.
Champlain (Colchester, Vt)	6.3 W;RR W	120	17 S4	80 oct.P-line S;swamp W.
Community Arpk (Mapleton,Me)	4.3 NE	630	8 S1	80 oct. Lgt planes only
Damon (Pottsdam, N.Y.)	1.5 E;hwy S	460	20 S1	80 oct.P-line N.Strps rough
Dean Memorial (Haverhill,N.H.)	4.1 NE;RR W	570	21 S1	80 oct.Trees at ends NNW,ESE,SSE.
Deblois Flight Strip (Me)	2 SE;riv W,N	219	40h	CLOSED.
(P) Dexter (Me)	3 ESE	485	30h S4	80 oct.
Dingley (Auburn, Me)	2.5 NW;lk N	320	18	P-line SW.
Doane's (Brewer, Me)	1.6 S	100	17 S6	80 oct.P-line NNW.Trees E
DOW Tower (Bangor, Me)	278 (126.18)+		CA (ILS-W)	(3); 126.18, 118.7
(A) Dow (Bangor, Me) (A)	2 W; RR S	160	70h (L6) S4	100 oct.
Eastport (Me)	1.5 WNW	70	29h S1	80 oct. P-line SW.
Errol (N.H.)	1.2 WNW	1245	18 S4	P-line NW. 80 oct.
Fairmont (E.Montpelier, Vt)	0.8 SSE;RR W	745	19 S4	80 oct.
Farmington Arpk (Me)	4.5 N;rd W	430	17 S6	80 oct.
Fernald (Winterport, Me)	3 WNW;hwy S	182	40h L3 S6	80 oct.Lgts prior req.
Fernald's (Benton, Me)	0.6 WNW;hwy S	120	18 S6	80 oct. WNW blkd.
Ford (Skowhegan, Me)	1 NNW	230	15	Emerg. use only.
Fort Kent (Me)	0.8 N;riv W	600	10	Lgt planes only
Franconia Arpk (N.H.)	2 SE		20	Data unver.
Fryeburg Arpk (Me)	1.3 E;RR S	400	26 S4	80,91 oct.P-line SSW;trees
Greenlaw (Auburn, Me)	1.8 W;hwy S	238	16 S6	80 oct. Bldg S. NW.
(P) Greenville (Me)	2 ENE	1750	30h L3 S6	80 oct.Lgts prior req.
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line,trees S,N.
→ HOULTON Range (Me)	272(HJ)(116.1)	195°,3.1	BMRLZ-DTV	(4); 116.1.Manned (7-23)
(P) Houlton (Me)	2.5 E;hwy N	493	57h L5 S6	80 oct. ESE blkd.
→ Jackman (Me)	See Newton Fld under "New Facilities"-name changed.			
Keeseville (N.Y.)	1.4 S;riv WNW	490	20	Pole W.
Lake Placid (N.Y.)	2 SE;RR NW	1750	21 S1	80 oct.
Lemington-Colbrook (Vt)	3.8 SSW;hwy E	1030	18 S4	80 oct.
Lewis (Littleton, N.H.)	2.5 E;RR S	900	22	80 oct.
Livermore Falls (Me)	1.3 SE;riv W	300	10	Lgt planes only.
Maheux (Minot, Me)	3.5 NNW	720	21 S6	80 oct.
(P) Malone-Dufort (N.Y.)	2 W; RR N	790	40h S1	80 oct.ARPT OF ENTRY.
Marcy (Keene, N.Y.) (NC)	2.5 S;hwy E	1000	18	Mtn N, S.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
MASSENA Range (N.Y.)	108.7 (ME)		VARW	
(P) Massena (N.Y.)	2.2 E;riv SE	200	40h L4 S6	80 oct.Trees WSW,NNE. ARPT OF ENTRY.
MILLINOCKET Range (Me)	344(MT)(116.1)	292°,1.6	SBRAZ-DTV	(4); 116.1
(P) Millinocket (Me)	0.5 SE	404	51h L5 S4	80,91 oct. Lgts prior req.
MONTPELIER Range (Vt)	257 (UV)	230°,2.8	MRLWZ	(Barre-Montpelier)
Moscone's(Mallawamkeag, Me)	4 NNW;riv W	210	15	
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct.Lgt planes only
Newport (Me)	1.5 ESE;hwy N	280	21	NW blkd.
→ Newport (Vt)	3 SSW;RR E	930	40h L2 S6	80 oct.All lgts on req.
Norridgewock (Me)	3.7 W;riv 1 W	270	40h	
Northland (Presque Isle, Me)	5.5 N;hwy E	685	15 S1	80 oct.
Norway (Me)	1 N; RR S	387	14 S5	80 oct.P-line SE.Trees E.
(P) Ogdensburg (N.Y.)	1.5 SE;RR W	285	30 S6	80,91 oct.Obsts sur fld. AIRPORT OF ENTRY
Old Town (Me)	1.8 NNW;riv NE	109	40h L3 S6	80,91 oct.No bndry lgts.
(P) Pittsfield (Me)	0.8 SSE	190	40h S6	80 oct.
Pittston (Me)	1.8 ENE;hwy S	140	11 S2	80 oct.Trees ESE;hill WNW
(P) Plattsburg, mun. (N.Y.)	3.4 WSW;riv SW	375	50h L5 S1	80,91 oct.Fld lgts on req.
Point Hill (St. Albans, Vt)	3.5 W;bay E	155	14 S4	80 oct. Wires ESE.
Prairie Arpk (Brownville Jct,Me)	5 N; road SW	422	19 S4	80,91 oct. Wires SE.
PRESQUE ISLE Range (Me)	368 (ZQ)	189°, 3.4	SBRAZ-DT	(4)
PRESQUE ISLE AAF Tower (Me)	278 (126.18)		AC (ILS-W)	(4);118.7,122.5,116.1,126.1
→ PRESQUE ISLE AAF Range (Me)	365 (RU)	9°,3.6	SBMLZ	(4)
(A) Presque Isle AAF (Me) (A)	1.5 WNW;RR E	529	68h L6 S4	91,100 oct.ARPT OF ENTRY
Princeton (Me)	1.5 SSE;hwy NE	250	40h S4	
Rangeley (Me)	1.6 NNW;hwy S	1810	15	
Raymond's (Phillips, Me)	0.8 S;riv E	556	18 S4	80 oct.Trees ESE;hill WNW
Reagan (Norwood, N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Robbins (Hudson, Me)	2.7 SW	365	18 S1	80 oct.
Rockland (Me)	3 SSE;road NE	49	45h L5 S6	80,91 oct.Trees ENE,WSW
Rollins Fly. Svc. (Turner, Me)	2.5 NNW;rd E	335	20 L S2	80 oct.Flare pots on req.P-
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct.Wires NW line NNE
St. Croix (Baring, Me)	0.5 E;hwy N	95	19 S1	80,91 oct.NNW blkd.Flares
(P) Saranac Lake (N.Y.)	5.3 NW;RR NW	1655	40h L2 S4	80 oct.Lgts prior req on req
Snow (Bradford, Me)	0.3 WNW;pond S	270	12 S1	80 oct in Bradford.
→ Snowman's (Ashland, Me)	1.2 NW;riv E			ABANDONED
Stewart (Massena, N.Y.)	2.1 SE;RR NE	210	20	CLOSED.
Sunnybrook (Clayton, N.Y.)	3.4 S;hwy E	390	18 S1	80 oct. ESE blkd.
Swasey's (Enfield, Me)	1.5 WNW;RR S	240	17	P-lines NE, ESE.
Tomlinson (Skowhegan, Me)	1 NNE;riv 1.5 S	240	21 S6	80 oct. P-line W,NW.
Tupper Lake (N.Y.) (NC)	1 E;riv SE	1680	14	Use strips.P-line W.Rough.
Twin Mountain (N.H.)	0.8 SW;riv N	1430	18 S4	80 oct.
Twitchell's (Turner, Me)	4.8 SSE;riv E	350	14 S6	80 oct. Trees WNW.
(P) Waterville (Me)	1.8 SW;riv E	303	39h L5 S6	80,91 oct.Fld lgts prior req
Webb's (Patten, Me)	1 NNW;hwy E	650	14 S4	80 oct.
Weston (Madison, Me)(NC)	1 N;riv 0.8 W	300	19	WSW blkd.Emerg. use.
Westport (N.Y.)	2 S;RR W	285	22 S2	80 oct.
White Mountain Air Term.	3 ESE; RR N	1050	22 S1	80 oct. (Whitefield,N.H.)
White Mountain (No.Conway,N.H.)	1.9 SSE;RR W	495	20 S6	80 oct. Trees NW.

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
DOW (L6)	109.9		153°	IM-		MM- •—•—(0.81)	OM- ——(4.60)
						MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	IM- ••••••(0.06)		MM- •—•—(0.85)	OM- ——(4.47)
						MMK-201	OMK-219

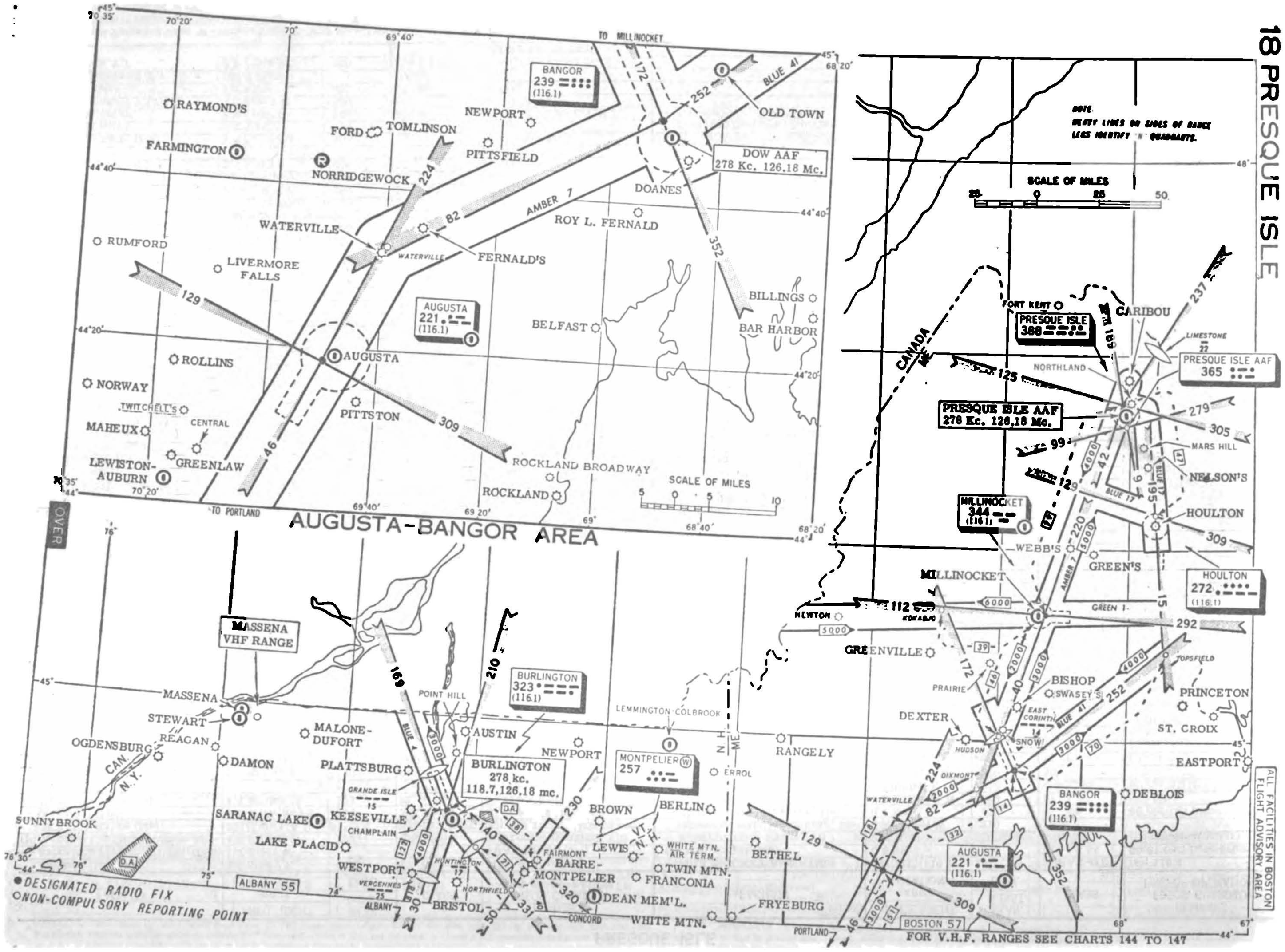
NEW FACILITIES

Rockland Broadway(Rockland,Me)	0.8 SSW	60	19 S4	80 oct
→ Newton Fld(Jackman,Me)	0.2 E;riv N	1170	22 S4	80 oct.E blkd.Trees W.

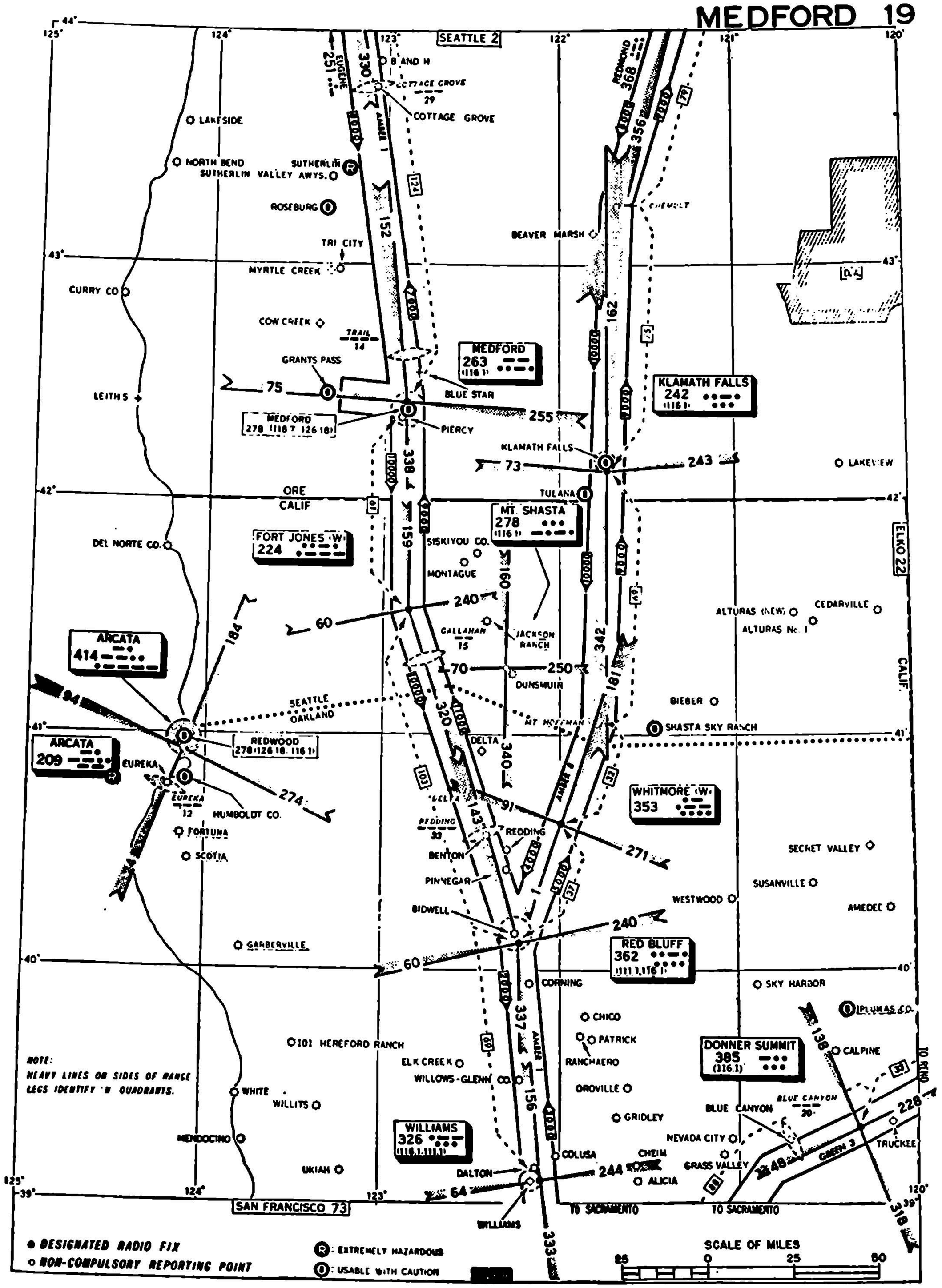
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf) - Voice on 118.1 and 121.1 mcs. ◆ Army A.C.S. transmits on and guards 119.1, 136 mcs, 340 kcs mcs.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page) → New or revised data. (Jones) - Airline Stop. N.B. Radio facilities are all CAA [illegible] A [illegible]

AUGUSTA-BANGOR AREA



MEDFORD 19


SEATTLE 2
EUGENE
251
330
B AND H
COTTAGE GROVE
29
COTTAGE GROVE
AMBER 1
LAKESIDE
NORTH BEND
SUTHERLIN VALLEY AWYS.
SUTHERLIN
ROSEBURG
TRI CITY
MYRTLE CREEK
CURRY CO
COW CREEK
TRAIL
14
GRANTS PASS
75
LEITH S
MEDFORD
278 (116.7 126.1)
BLUE STAR
PIERCY
338
MEDFORD
263
(116.1)
152
121
REDMOND
368
356
79
BEAVER MARSH
CHEMULT
162
73
KLAMATH FALLS
242
(116.1)
255
KLAMATH FALLS
73
243
LAKEVIEW
ORE
CALIF
42°
43°
44°
125°
124°
123°
122°
121°
120°
D-4
TULANA
MT. SHASTA
278
(116.1)
FORT JONES (W)
224
DEL NORTE CO.
SISKIYOU CO.
MONTAGUE
159
160
ELKO 22
CALIF.
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
240
60
GALLAHAN
15
JACKSON RANCH
ARCATA
414
184
70
250
DUNSMUIR
342
181
94
SEATTLE
OAKLAND
BIEBER
MT HOFFMAN
SHASTA SKY RANCH
41°
ARCATA
209
REDWOOD
278 (126.1) (116.1)
EUREKA
320
DELTA
340
103
EUREKA
12
HUMBOLDT CO.
274
WHITMORE (W)
353
REDDING
30
143
91
271
FORTUNA
SCOTIA
BENTON
PINEVEGAR
BIDWELL
SECRET VALLEY
SUSANVILLE
WESTWOOD
AMEDEE
240
GARBERVILLE
40°
60
RED BLUFF
362
(111.1) (116.1)
CORNING
SKY HARBOR
PLUMAS CO.
CHICO
PATRICK
RANCHAERO
DONNER SUMMIT
385
(116.1)
138
CALPINE
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN
337
156
OROVILLE
BLUE CANYON
30
BLUE CANYON
GRIDLEY
228
NEVADA CITY
TRUCKEE
WHITE
WILLITS
MENDOCINO
WILLIAMS
326
(116.1) (111.1)
UKIAH
COLUSA
CHEIM
GRASS VALLEY
GREEN 3
DALTON
244
ALICIA
64
SAN FRANCISCO 73
TO SACRAMENTO
TO SACRAMENTO
WILLIAMS
333
318
39°
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) [Alicia] (Marysville, Calif)	3.2 SSE; RR W, E	63	60h L5 S6	80, 91 oct.
(P) Alturas (new) (Calif)	6.8 WNW	5034	63h	
Alturas #1 (Calif)	1 W; RR S	4391	30 S6	80, 91 oct. P-line N, NE, SW, NW.
→ (A) Amedee Flight Strip (Calif) (A)	4 SE; RR N	4007	70h	
→ ARCATA Range (Redwood)	209 (NZM)	4°, 3.0	MRL	(3) (Calif) Priv. rng.
→ ARCATA H Fac. (Redwood) (For ILS see Redwood)	414(NZ1)	310°, 0.15	H	(4); Z marker 200' from SE end Rnwy 31. Priv. H
Ash Creek, USFS (McCloud, Calif) (NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE, NW.
B & H (Creswell, Ore)	3.3 SSW; RR E	620	18 S6	80 oct. Trees NNE.
* Beaver Marsh Int, 73, RV-ND (Ore)		4630	54 L3	6.2 mi SSW Chemult
Benton Arpk (Redding, Calif)	1.1 WSW; riv 1 E	719	25 L3 S6	80, 91 oct. Wires N.
Bieber (Calif)	1 NE; riv W	4155	33	Soft in winter.
(N) [Bidwell] (Red Bluff, Calif)	1.7 SSW; RR 1 E	354	40h L5 S4	80, 91, 100 oct. Fld lgts on req. Wires E, W.
✓ * Blue Canyon Int, 13, SF-SL (Calif)	1.1 NNE; hwy NW	5280	34 L3	Wires N, NE. RR E
Blue Star Arpk (Eagle Point, Ore)	4.5 N; hwy E		20 S2	Data unver.
Calpine (Calif)	1 SE; rd N, E	5000	29 S1	91 oct. P-lines NE.
Cedarville (Calif)	0.6 S; hwy E	4260	26 S2	91 oct. P-line E. W blkd.
Chem (Marysville, Calif)	1.5 NE; hwy S	67	30 S6	80, 91 oct. Wire SW. Levee N, NE Closed to public.
Chester, USFS (Calif) (NC)	1.5 SSW; hwy NW	4525	31	P-line WSW, WNW.
[P] Chico] (Calif.)	5 N; hwy E	237	67h L5 S6	No flood or boundary lgts.
Colusa (Calif)	1.2 SW; RR W	47	29 S4	80 oct. P-line NNW.
Corning (Calif)	1.3 NE; RR W	300	22 L1 S6	80 oct.
Cottage Grove (Ore)	1.9 S; riv S	640	22 S1	80 oct.
* Cow Creek Int, 37B, SF-SA (Ore)	2.5 ENE Glendale	1429	24 L3	Creek S.
(P) Curry Co. (Denmark, Ore)	3.8 WSW	214	51h L5	All lgts prior req.
→ Dalton Com. (Williams, Calif)	1 ENE; RR SW	65	26 S6	80, 91 oct, S, W blkd. Soft.
(P) Del Norte Co. (Crescent City, Calif)	2.5 NW; ocean W	57	50h L1 S1	80, 91 oct
* Delta Int, 22, SF-SA (Calif)	1 SW; RR, hwy N	1320	18 L3	800-1000' mtns E, W.
DONNER SUMMIT Range (Calif)	385(DS)(116.1)		BMRL-DTV	(4); 116.1
Dunsmuir, 25B, SF-SA (Calif)	4.5 N; RR W	3240	30 L3 S2	80, 91 oct. Poles E, N lgtd.
Elk Creek (Calif)	0.7 SSE; hwy W	725	16 S1	80 oct. Obst sur fld.
→ [Eureka] (Calif.)	2 W; bay E	20	24h L1	
FORT JONES Range (Calif)	224 (FJ)		SRAWZ	
Fort Jones (Calif) (NC)	1.5 NW; rd NE	2745	30	P-line NW.
Fortuna (Calif)	2.9 SSE; hwy W	356	31 L S6	80, 91 oct. Trees NE RR W
Garberville Arpk (Calif)	1 SW; riv, rd SE	480	12 S1	80 oct. Trees N, S.
Gasquet (Crescent City, Calif)	13 ENE; hwy S	390	25	Hazardous-bad appch. USFS
Grants Pass (Ore)	1.6 N; RR W	1050	27 S6	80, 91 oct. Poles N.
Grass Valley (Calif)	0.8 W; hwy N	2600	18 S1	80, 91 oct. Trees sur fld. P-line NE.
Gravelly Valley, USFS (Upper Lake, Calif) (NC)	20 N; lake S	2000	49 S2	No fuel. Road crosses NE/SW strip. Trees NE, SE, NW
Gridley (Calif)	0.7 ENE; hwy E	97	26 S1	80, 91 oct. P-line N, S.
Hayfork, USFS (Calif) (NC)	1.2 E; hwy N	2350	30	P-line W. Mtns E. Clsd to public.
Humboldt Co. (Eureka, Calif)	3.6 ENE; hwy N	10	18h S6	80, 91 oct. Poles NW.
Illinois Valley Landing Field (Cave Junction, Ore)(NC) USFS	4.3 SSW; riv 1 E	1350	43	Trees NNE.
Jackson Ranch (Weed, Calif)	3.7 NW; lk NNE	2975	33	Trees S.
KLAMATH FALLS Range (Ore)	242(FS)(116.1)	342°, 2.7	SBRAZ-DTV	(4); 116.1
[Klamath Falls] (Ore)	4.9 SSE; RR NE	4085	71h L5 S5	80, 91, 100 oct. Fld lgts on req
Lakeside (Ore)	0.3 NE; RR S	20	25	P-line S. Ctn-hazardous.
Lakeview (Ore)	3.5 SW; RR E	4728	53h S6	80, 91 oct.
Leith's (Gold Beach, Ore)	Adj W	16	23 S1	80 oct. Data unver.
MEDFORD Range (Ore)	263(MF)(116.1)	158°, 2.4	SBRAZ-DTV	(3); 116.1
MEDFORD Arpt Tower (Ore)	278 (126.18, 118.7)+		AC	(4); 126 18, 118.7, 122.5
→ (A,N) [Medford] (Ore) (NATS)	3.2 N; RR E	1329	54h L5 S4	80, 91, 100 oct.
Mendocino (Little River, Calif)	2.5 SE	572	53h S4	80, 91 oct.
Montague (Calif)	1 W; hwy S	2520	32 L3 S6	80, 91 oct.
MOUNT SHASTA Range (Calif)	278(SC)(116.1)	116°, 2.2	BMLZ-DTV	(4); 116.1
Myrtle Creek Int, 39A, SF-SA (Ore)	4 SW; riv, RR W	640	25 L3	Hill S, N. Emerg. only.
Nevada City (Calif)	1.5 NW; rd S	3060	26 S4	80 oct.
(P) North Bend (Ore)	1.2 WNW; riv N	4	50h L5 S6	80, 91 oct. Trees SSE, SW, NNW.
101 Hereford Ranch (Laytonville)	1 S; hwy E	1635	18 S1	80 oct. (Calif)
(P) Oroville (Calif)	3 SW; riv E	199	60h L5 S2	80, 91 oct. Port rnwy lgts. prior req.
Patrick (Chico, Calif)	2 SSE; RR E	189	34 S6	80, 91 oct. P-line NW.
Piercy (Medford, Ore)	2.6 NW; hwy E	1250	20 S6	80, 91 oct. Poles SE.
Pinnegar (Anderson, Calif)	1 S; creek N	435	23 S1	80 oct. Cattle on fld. Hill SSE
Plumas Co. (Beckwourth, Calif)	0.8 ENE; RR SW	4900	36 S6	80, 91 oct. P-line SE, S, SW
Ranchaero (Chico, Calif)	2.2 WSW; riv W	170	22 S6	80, 91 oct. P-line S. Hwy NE
RED BLUFF Range (Bidwell)	362(FH)(vhf)	323°, 2.5	SBRAZ-DTV	(4); 116.1, 122.1 (Calif)
[Redding] (Calif)	7.5 SE; riv S	500	60h S2	80, 91 oct.
REDWOOD Tower (Calif)	278(126.18, 116.1)		CI (ILS-W)	(3); 116.1, 126.18 (8-17)
Redwood (Arcata, Calif)	7.6 NNW	217	60h L	Exten. exper lgtg CLOSED.
* Roseburg Int, 41A, SF-SA (Ore)	2.4 NNW; RR E	500	38 L3 S6	80, 91 oct. Hills N, NE, S.
Round Valley (Covelo, Calif)(NC)	0.7 SW; hwy E	1385	30	
Scotia (Calif)	1.5 SSE; RR N	120	25 S1	80, 91 oct. ESE blkd. Riv S.
* Secret Valley Int, 52, RV-ND (Calif)	4 SE	4435	50	Day use only
(P) Shasta Sky Ranch (Fall River Mills, Calif)	1 N; hwy E	3300	33 S6	80, 91 oct. Soft. P-line W SSW, E, ENE, S.
(P) Siskiyou Co. (Montague, Calif)	4.3 NE; RR W	2647	73h L5	
Sky Harbor (Quincy, Calif)	2.5 E; hwy S	3400	24 S2	80, 91 oct. Poles S.
Susanville (Calif)	6.5 SE; hwy SW	4150	32 S6	80, 91 oct. Pwr line N.
Sutherlin Sky Ranch (Ore)	3.8 ENE; rd E, S	575	18 S1	80 oct.
Tri-City (Riddle; Ore)	3.5 NE; RR N, W	700	19 S1	80 oct. P-line N, S.
* Truckee Int, 16B, SF-SL (Calif)	3.6 ENE; RR S	5820	34 L1	Snow Dec.-April.
Tulana (Worden, Ore)	1 S, RR NW	4080	37 S6	80 oct. Pwr line NNE.
(P) [Ukiah] (Calif)	1 S; RR E	612	40h L5 S6	80, 91 oct. Fld lgts on req. Wires NNW.
Weaverville, USFS (Calif) (NC)	1 SSE; hwy E	2040	22	30' poles S. Closed to public.
Westwood (Calif)	1.5 W; hwy N	5100	22	
White (Ft. Bragg, Calif)	1 NNE; ocean W	72	15 S4	80, 91 oct. SE, NW blkd.
WHITMORE Range (Calif)	353 (AWH)		MRLWZ	
WILLIAMS Range (Int.)(Calif)	326(WS)(vhf)	244°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Williams Int, 9, SF-SA (Calif)	4 S; road N	139	42 L3	Mtns W. N/S strip soft when wet.
Willits (Calif)	1.3 ENE; rd S	1356	18 S1	80 oct. Trees E. P-line W.
Willows-Glenn Co. (Calif)	1.3 WSW; RR E	130	45h L1 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ REDWOOD (Arcata)	109.5	332.6	312°	IM- (0.14)	MM- ••••• (0.66)	OM- ——(4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Sutherlin Val'y Arwys (Sutherlin, Ore)	1.0 WSW; RR E	550	25 S2	80 oct. Trees, hill S.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ELKO

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW;hwy W	2660	25 S6	80 oct.Right traffic when land. to NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S6	80 oct.Trees WNW.
Floating Feather (Eagle)	2 E;riv 1.5 S	2635	39 S6	80 oct.Trees SW,hill NE.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
* Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	80,91,100 oct.Hills SE.
* Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon	6 SE,hwy S	3931	70h L5 S4	80,91 oct.
HUBBARD (Reno)	3.4 SE;hwy W	4404	64h R2 L5 S4	80,91 oct.
* Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 S4	80,91 oct.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
→ Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	50 L S6	80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct. P-line W,SE.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

[redacted]

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	23.9 SW;hwy E	4050	60h L	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR → TERMINAL, (Idaho)	4.5 SSW	2858	77h R2 L5 S6	80,91 oct. Ltd 73,100 oct;minor repairs for NG.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not charted → NEW OR REVISED DATA

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS D USABLE WITH CAUTION

SPOKANE 3
ROE-DAVIS
BURNS
ALKALI LAKE
D.A
ROME
VALE
NYSSA
PARMA
CALDWELL
RITCHEY
BAKER
121
EMMETT
FLOATING FEATHER
206
BOISE
350
BOISE AIRPK.
BRADLEY
RED 1
290
65
BOISE AIR TERM
MOUNTAIN HOME
MOUNTAIN HOME AAF
93
BURLEY
272
GLENNS FERRY
26
41
MILES
STATUTE
MORE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
ORE
IDA
NEV.
OWYHEE
MEDFORD 19
SEATTLE
OAKLAND
SEATTLE
SALT LAKE CITY
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
281
BATTLE MOUNTAIN FLGT STRIP
ELKO
391
219
50
229
CAPLIN
19
WENDOVER
HUMBOLDT
209
138
49
GREEN
BUFFALO VALLEY
228
320
301
LOVELOCK COM.
LOVELOCK
RENO
254
RENO SKY RANCH
126
48
HUMBOLDT
SALT LAKE CITY OAKLAND
RENO
AAB
WADSWORTH
FERNLEY
SPARKS
HUBBARD
278
LAHONTAN
LAHONTAN FLGT. STRIP
FALLON
230
225
318
AUSTIN OLF
SALT LAKE CITY 23
CARSON CITY
45
341
DONNER SUMMIT
302
YERINGTON
NEV
CALIF
FRESNO 77
LAS VEGAS 79

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(R) EXTREMELY HAZARDOUS
(O) USABLE WITH CAUTION

GREAT FALLS 6
ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA
IDAHO FALLS 359 (116.1)
POCATELLO 257 (111.1 116.1)
GOODING 215 (116.1)
BURLEY 272 (116.1)
POCATELLO VHF RANGE
MALAD CITY 314 (116.1)
LUCIN 302 (116.1)
STREVELL 335 (116.1) On request
OGDEN 263 (116.1)
FORT BRIDGER 382 (111.1, 116.1)
WENDOVER 248
SALT LAKE CITY 227 (111.1, 116.1)
FAIRFIELD 362 (111.1, 116.1)
DELTA 212 (111.1, 116.1)
HILL AAF 396 (126.1)
WENDOVER AAF 201 (126.1)
SALT LAKE CITY NO. 1 278 (118.3)
HINCKLEY 264
SALT LAKE CITY NO. 2
ST ANTHONY
REXBURG
SIGNAL MOUNTAIN
TETON PEAKS-DRIGGS
JACKSON
FRIEDMAN
CAMAS CO
FLYING BAR'S
ALBERT
ADKINS
BILLY ANDREW
GOODING
JEROME
TWIN FALLS
BURLEY
ROBERTS
IDAHO FALLS
SHELLEY
POCATELLO
HAYFIELD
POCATELLO AAF
ABERDEEN
UNIVERSITY
AMERICAN FALLS
IDAHOME
STREVELL
MALAD CITY
PRESTON
LOGAN-CACHE CO
HILLCREST
KEMMERER
TREMONTON
CORINNE
BRIGHAM
AFTON
MONTPELIER
BEAR LAKE CO.
COKEVILLE
SAN JACINTO
LUCIN
PROMONTORY POINT
LAYTON
OGDEN ARPK.
BOUNTIFUL
EVANSTON
EVANSTON CITY
GREEN 1
GREEN 2
GREEN 3
LOW
TIMPIE
GRANTSVILLE
KNOLLS
MIDVALE
ALTA
TOOELE
RIVERTON
PROVO
SPANISH FORK
DUGWAY AAF
NEPHI
MT PLEASANT
CARBON CO.
MANTI-EPHRAIM
SALINA-GUNNISON
YEL LAND
DELTA
LAS VEGAS 79
WINSLOW 81
TO MILFORD
TO ROCK Ssprings
IDAHO
NEV
UTAH
NEV.
UTAH
ELKO 22
DA
STATUTE MILES

FOR V.E.P. RANGES SEE CHARTS 144 TO 147

SALT LAKE CITY

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1,122.1
GOODING (new)	215(GG)(116.1)	BHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1,122.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1

UTAH

CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212(VZ)(vhf)1)	SBRAZ-DTV, 7°, 3.6	(4);116.1,122.1
FAIRFIELD (Int.)	362(IL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL,(Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (6-2230)
SALT LAKE CITY	227(SL)(vhf)	SBRAZ-DTXV;163°,2.9	(3);116.1,122.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• -•-•	335	343°	IM-	MM- ·-·- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.83, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal F	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W
American Falls	2 NE,RR NW	4404	39 S6	80 oct. S blkd.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct. Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct. P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
(P) GOODING	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW;riv E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4420	21 L5	
Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80,91 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 L S6	80 oct. Flood lgt on req.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S6	80 oct. SW blkd.NE bldg.
* Strevell Int, 10, SL-PO	0.3 NNW	5270	31 R1 L2	Emerg only.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC) 91 oct. Trees N
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
University (Ham's)(Pocatello)	1 ENE,hwy W	4550	35	Hills N,S. Emerg only.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE, trees NW Emerg only.

NEVADA

* Ventosa Int,48,SF-SL	0.5 N,RR S			ABANDONED
* Wells Int,46B, SF-SL	1.5 S,rd W			ABANDONED.
Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.

UTAH

Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct. Hwy W.
Bountiful Sky Haven	2.6 WSW	4222	38 S4	80 oct. P-line S,NW.
Brigham	3 NW,RR S	4220	37 L4 S6	80 oct. P-line S. Wires W.
[Carbon County](Price)	2.8 E,RR W	5800	58 S6	80 oct. Use strips only.
Delta	4.8 ENE,	4755	61h R1 L5 S3	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE;hwy W	5700	55 S2	80 oct. P-line NW, W. Use strips only.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	27 L S6	80,91 oct. Port flood lgts.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	30 L3	
LOGAN-CACHE CO.(Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4414	54 R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S4	80 oct.
Midvale	3 WSW;RR NW	4500	20 S4	80 oct P-line SE. Ctn when wet.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S6	80 oct. Trees NE. Use strip only.
Myton (NC)	1 E,riv N	5090	31	Stay on strips.
Nephi	2.5 NW	4800	48 S2	80 oct. Soft when wet
Ogden Airpark	4 S,hwy NE	4700	32 S6	80 oct. P-line NE. Fence S.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	on fld.
(P) . ROVO	2.8 WSW;lake W	4490	70h L5 S6	80,91 oct. Fld lgts prior req. Cattle
(NG) SALT LAKE No. 1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct. Rdo rec rqrd. Ltd 100 oct,
Salt Lake No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NG.
Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
Tooele (NC)	1.4 WSW,RR W	4985	32 S4	80,91 oct. P-lines N,NW.
Utah Central(Salt Lake City)	4 SW;hwy N	4240	37 S4	80 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	29	N blkd.
Big Piney (NC)	2 N;hwy E	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston City	3.6 SSW	6800	30 S4	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
Signal Mountain (Moran)	2.3 S	6800	45	Mtn 2 mi N.

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	0.5 NE;hwys S,W	6730	30 S3	80 oct. Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct. Batt. lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct. Soft in spring.
Honesdale (N.Y.)	2 SE;riv S	920	25 S4	80 oct. Woods & hills E,W
Carbondale-Clifford (Clifford,Pa)	1.0 E;lk SE	1520	19	
Salina-Gunnison (Salina,Utah)	5.5 NNE;riv S	5100	35 S1	80 oct.
Teton Peaks,Driggs (Driggs,Idaho)	0.4 NE;RR W	6100	34 S1	80 oct. SW blkd.
Shelley (Idaho)	2.6 N;riv SE	4692	17 S1	80 oct. N,SE,SW blkd.

RADIO — COLORADO

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1

RADIO — WYOMING

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
→ CASPER AAF	396(126.18) +	CA	(3); 126.18
→ DOUGLAS	251 (DQ) (116.1)	BHTV	(4);116.1,122.1
LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3 •—•—	335	110°	IM-	MM- •—•—(0.69)	OM- — — (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — COLORADO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	59 L1 S6	73,80,91 oct.
Glenwood Sprgs.	2 S	5900	31 S4	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	2.8 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

AIRPORTS — UTAH

Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,SE.
Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct. Use strips
Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet. only.

AIRPORTS — WYOMING

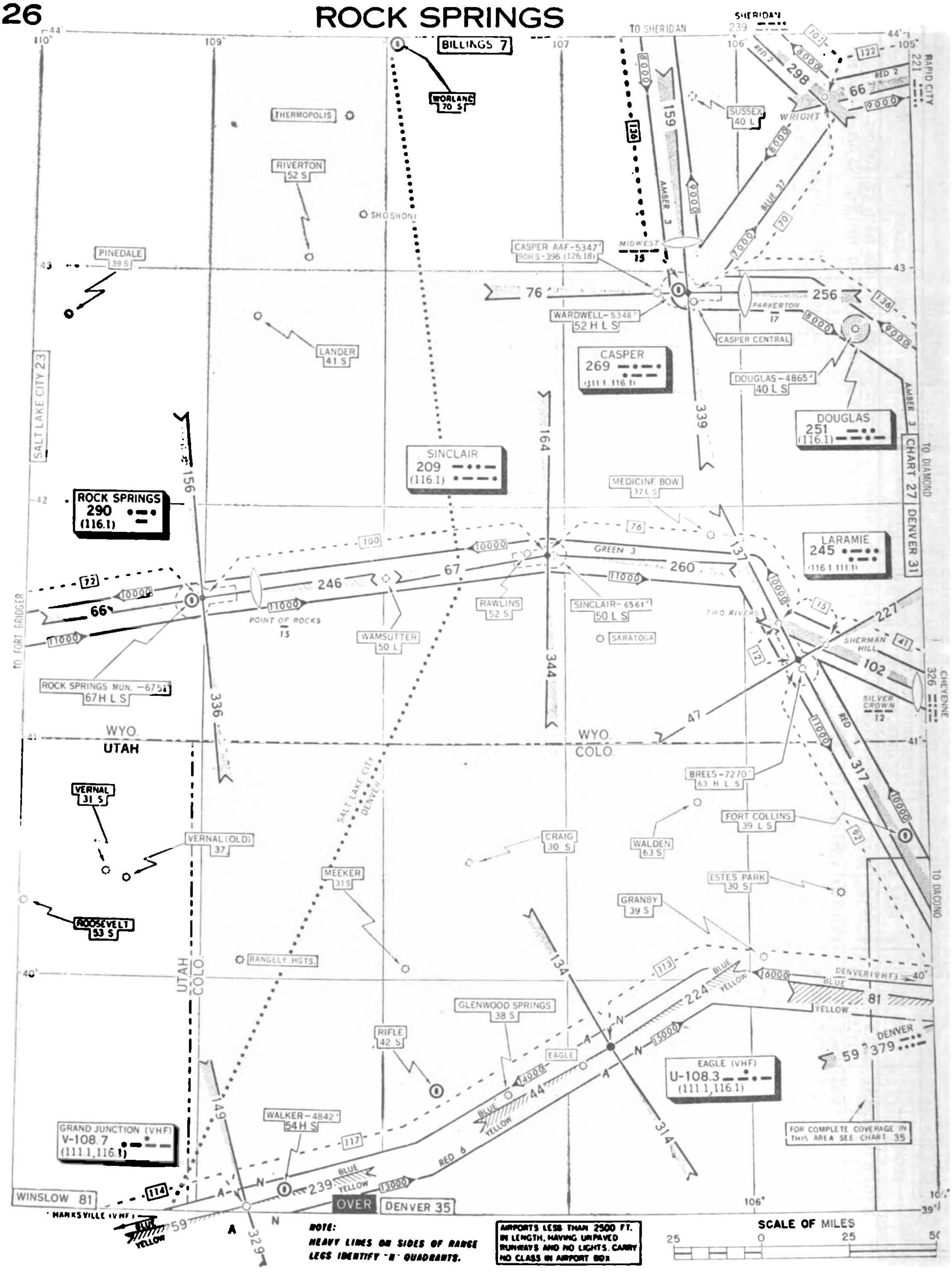
AIRPORT CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
General Brees (Laramie)	See Brees Field under "New Airports" - name changed			
Lander	1.5 S;riv W	5550	41 S2	80 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy N	7200	39 S1	80 oct.
Rawlins	2.3 NE;RR I S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS MUN	8.8 E;RR N	6751	67h R1 L5 S2	80,91,100 oct.
→ Rock Springs (old)	3.8 NNW			(NC) ABANDONED
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	36 S1	80,91 oct. Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct.
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE:RR S	5100	28 S2	80 oct. Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW:RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE:riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct. S blkd. P-line SE.
Laramie (Wyo.)	4 S;hwy V	7218	38 S1	Fuel.100' Stack NW.

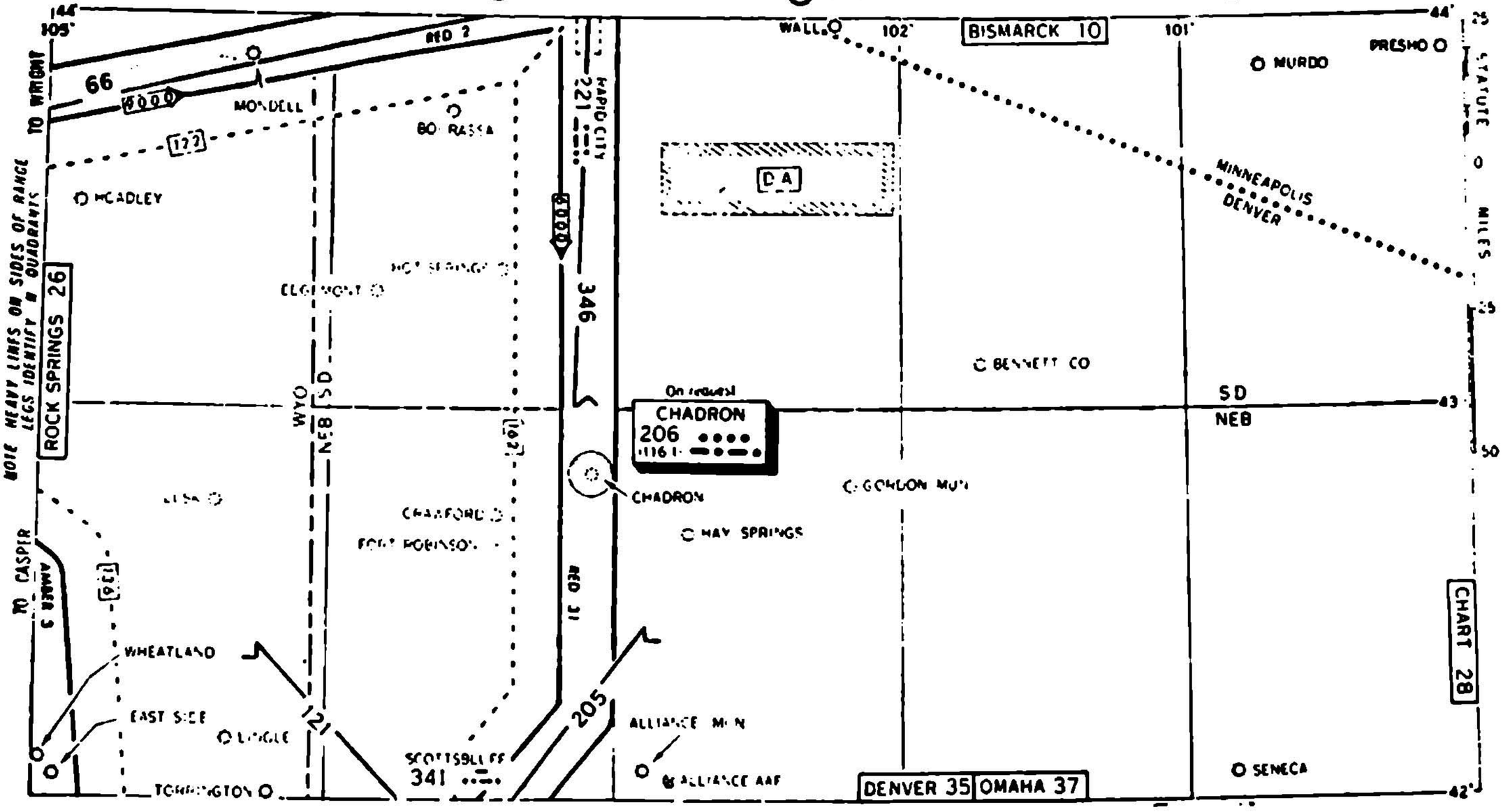
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

ROCK SPRINGS

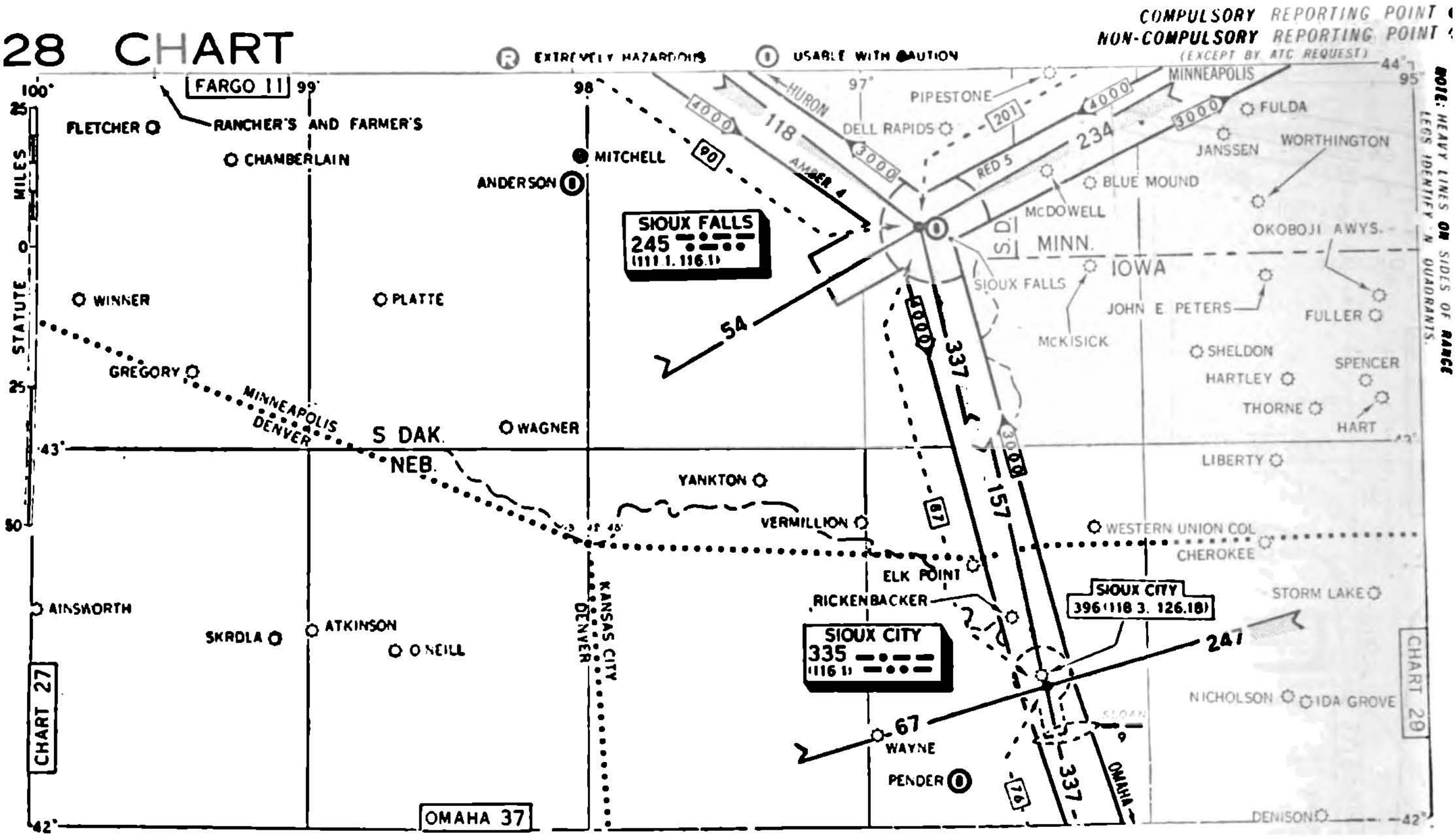


● COMPULSORY REPORTING POINT
•• NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

CHART 27


R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
TO WRIGHT
66
RED 2
MONDELL
BO RASSA
172
HOADLEY
ROCK SPRINGS 26
EDGEMONT
HOT SPRINGS
OMA
SD
NEB
CRAWFORD
FORT ROBINSON
TO CASPIR
WHEATLAND
EAST SIDE
LINGLE
TORRINGTON
121
SCOTTSBLUFF
341
RAPID CITY
221
346
RED 31
205
CHADRON
On request
CHADRON
206
116.1
HAY SPRINGS
ALLIANCE MUN
ALLIANCE AAF
DENVER 35
OMAHA 37
WALL
102
BISMARCK 10
101
DA
MURDO
PRESHO
MINNEAPOLIS
DENVER
BENNETT CO
GORDON MUN
SD
NEB
43
SEVERE WEATHER AVOIDANCE PLAN
SEVERE WEATHER AVOIDANCE PLAN
SEVERE WEATHER AVOIDANCE PLAN

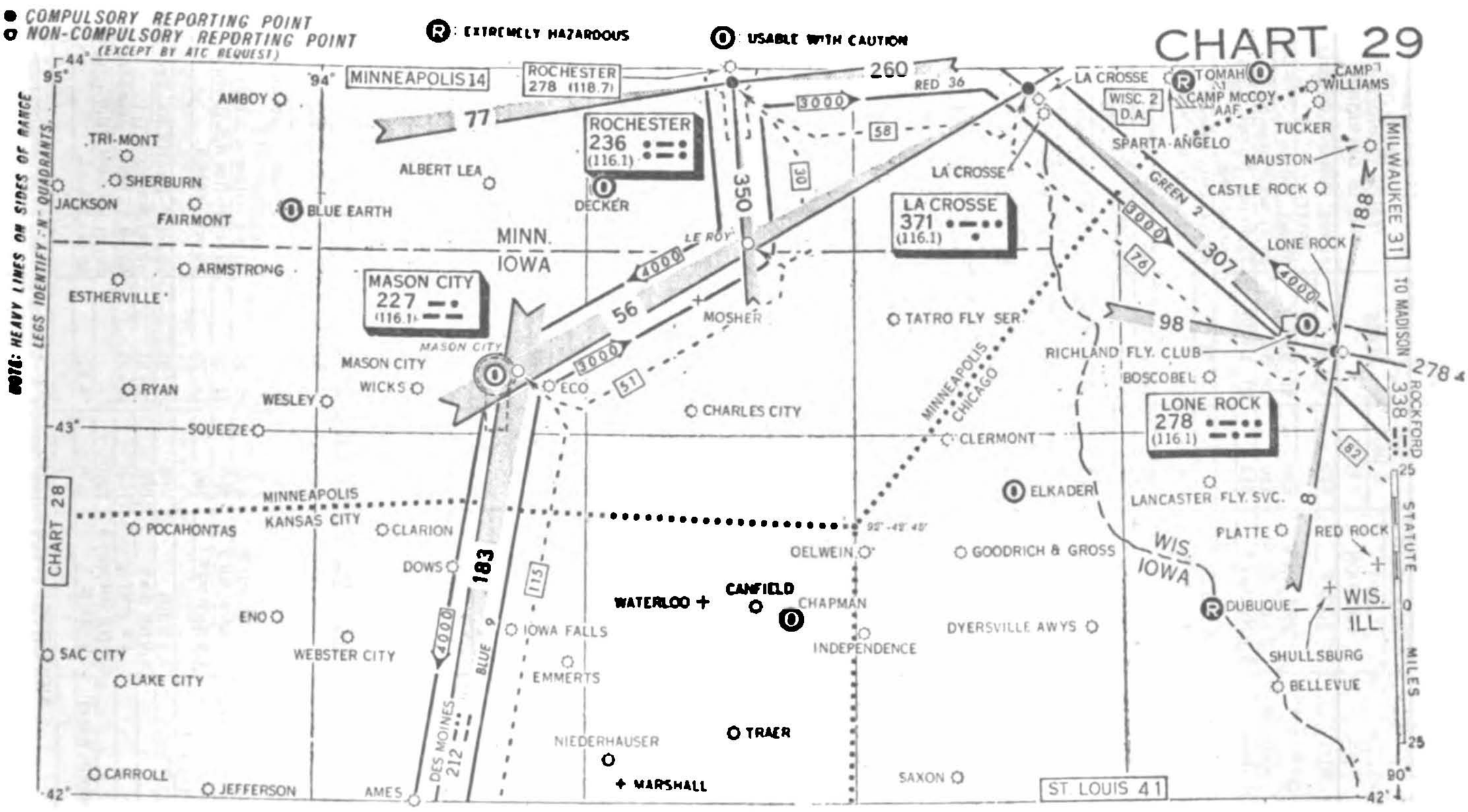
28 CHART



FACILITY	FREQ. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	20 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NE	2109	22	Trees S.P-line E,SE, N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles E,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct
Dell Rapids Mun.(S.D.)	1.6 NE;RR SE	1450	20 S1	73 oct.
Denison (Iowa)	2.4 WSW;riv SE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S2	80 oct.Poles N,NW.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S.
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct.
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE
Pender (Nebr)	1 NE;RR SW	1400	22 S2	73 oct.P-line S,SE.
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	3 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.1, 118.3)		AC	(4);126.1,118.3,122.5
(A) [Sioux City] (Iowa)	7 S;RR E	1097	69h L5 S4	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 mil acft.
[NG] Sioux Falls Mun. (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-each maint NG
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S
Storm Lake (Iowa)	3.5 SSW;lk NE	1300	38 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N,RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW.
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E in Iowa
→ O'Neill (Nebr.)	2 NW;hwy N	2100	35 S6	80 oct.N,SE,S,SW bkd.
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto.P-line S.
Hartley (Iowa)	7 SE,RR NE	1490	26	P-line SE.
Blue Mound Air Svc (LuVerne,Minn)	3 NNE;RR NW	1440	30 S2	80 oct
Ida Grove Flying Svc (Ida Grove,Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
Ainsworth Mun (Nebr)	7.5 WNW;RR N	2580	73h L5 S6	80,91 oct.No sto.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 118.1 and 111.1 mcs. ✣ - Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are underlined and non-capitalized.



FACILITY	FREQ. IDENT. ARPT LOCATION	BEAR & DIST. ELEV	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct.
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct Trees E.
Bellevue (Iowa)	3.1 N;riv E	652	18 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct Flares on req
(A) Camp McCoy (Wis)(A)	2 SSW	830	20	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45n	
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	800	32 S6	87 oct P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct P-lines S
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct P-line SE,NE.
→ Conrad (Iowa)	3 WNW;RR S			ABANDONED. blkd.
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct No sto N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. NW.
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80,91 oct. Poles S,S[illegible],
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct P-line NW. NE. Rnwy data unver.
(P) Emmerts (Eldora,Iowa)	2.8 NE;lk SW	1000	32 S6	80 oct Poles NW,SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct Port rnwy lgts. Poles SE,SW
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct P-line W Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1200	19 S1	Ltd 80 oct. on req
→ Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
→ Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct No sto P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRAZ-DTV	(4); 116.1 No flood lgts.
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct. Bet rivs.
* La Crosse Int,23A, CG-Twin Cities(Wis)	8 NNW; RR NE	667	37 L3	Pole E
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int,15,CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. P-line NE

FACILITY	FREQ. IDENT. ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MASON CITY H Fac. (Ia)	227(NM)(116.1)		BHTV	(4);116.1,122.1(cont.)
(P) [Mason City] (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct. Poles.
Mosher (Riceville,Ia)	1 W;hwy S	1263		80 oct. P-line S. SSE. Data unver.
→ Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct Data unver (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct Trees E,S Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7,122.5
[Rochester Mun] (Minn)	1.7 SSE;RR W	1040	43h L4 S6	80,91 oct P-line E,N,W
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1225	18 S2	80 oct Trees NW
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	880	26 S6	73 oct. P-line N
Sherburn (Minn)	2 WNW;RRs S,E	1300	21 S2	80 oct Pwrline ESE.
→ Shullsburg (Wis)	1.1 S	1080	17 S6	80 oct Trees SW.
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct Poles sur fld.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct P-line NW,W.
Tatro Fly Svc (Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct. 180' hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		54h L5 S1	80,91 oct Data unver No flood lgts
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct P-line N,S
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct Poles NW,SW
NEW FACILITIES				
Jackson (Minn)	2 N	1440	28 S2	80 oct. P-line S.
Charles City (Iowa)	3.3 E;RR S	1080	28 S2	80 oct. P-lines N,S,SW,NW.
Eco (Mason City,Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct. P-line N,NW
Oelwein (Iowa)	3 W	1050	26 S6	80 oct. P-line N,W.
Niederhauser (Marshalltown,Iowa)	4 N;hwy E	900	32 S6	80,91 oct. No sto. P-line N,W.
Marshall Fld (Marshalltown,Ia)	3 E	890	S6	80 oct. Data unver.
→ Lancaster Flying Service (Wisc.)	1.8 ENE;RR NW	1110	24 S6	80 oct. Fallen trees SE.
→ Mauston (Lemonweir,	2 SW;RR N	880	15 S1	Wisc.) 80 oct. N blkd.
→ Boscobel (Wisc.)	3 NE;RR S	670	27 S1	80 oct. Bluffs NNE,SE,NW.
Castle Rock (Wonewoc,	1.1 NNW;RR S	960	19 S1	80 oct. P-line NE,SW. (Wisc)
Tucker Fly. Service (New Lisbon,Wisc)	1.6 NNW;riv E	880	15 S1	80 oct. Trees E.
Platte (Platteville,Wisc)	3.1 E;RR E	1100	22 S2	80 oct. P-line NE,SW.

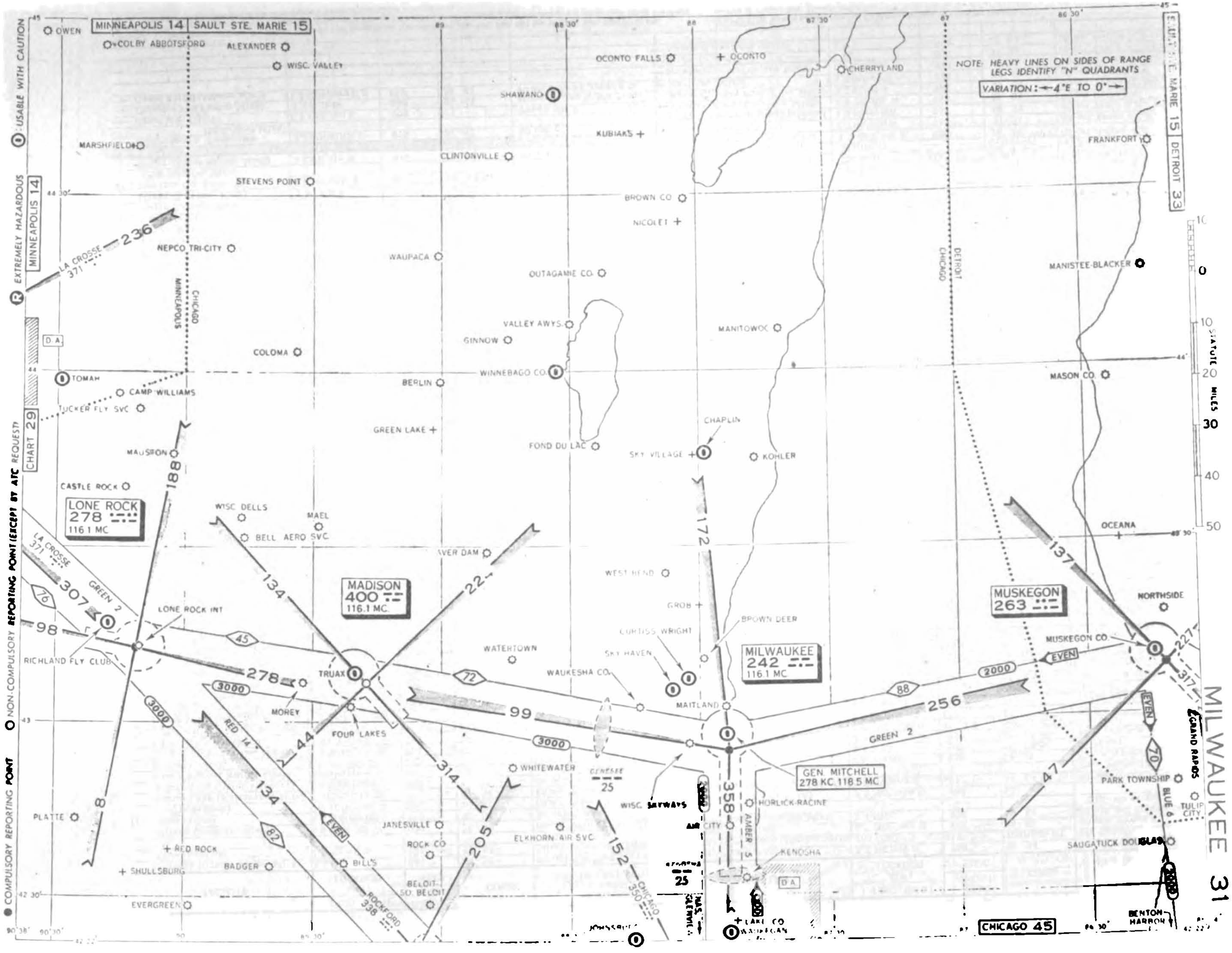
RADIO: S - Simul. Range and Voice. W - Without Voice. S - VHF Range Station Location Marker. (2) - 2105, 4855, 6210 kcs. (3) - 2105, 4855, 6210, 9117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 122.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ● A.A.C.S. Scheduled Broadcast on 278 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. (Jewel) - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct,P-line NW Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo. Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit. Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
➙ East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis)	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
[(Warren,Ill.)				
Evergreen Flying Club	1.4 SSE;hwy W	1000	26	PRIVATE
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW Roug.
Green Lake (Wis)	4 W;hwy S	960	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
➙ Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld
Maitland (Milwaukee; Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W.SW. SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	2 NNW;hwy S	928	33 S6	80 oct.S blkd.Trees NW.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMRLZ-DT	(4)
(P) [Muskegon Co.] (Mich.)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Norco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S	600	20 S2	80 oct. P-line N.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland. Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Fly. Club (Sextonville,Wisc)	0.2 NW;riv W	764	20 S2	80 oct.Pole W. Trees N,SW.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	670	26 S2	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N. Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEM-INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
➙ Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1230	20 S4	80 oct,P-line N,NW.
NEW FACILITIES				
Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto Refinery SW
Oceana (Rothbury, Mich)	1 2 W;hwy E	700	30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy W
Castle Rock(Onewoc,Wisc.)	1.1 NNW;RR S	880	15 S2	80 oct.P-line N,S.Trees W.
Tucker Fly. Service (New Lisbon,Wisc.)	1.6 NNW;riv W	880	18 S1	80 oct,Trees E.
Platte (Platteville,Wisc.)	3.1 E;RR	780	22 S2	80 oct,P-line NE,SW.Trees S,SE
Coloma (Wisc.)	3.0 NW;hwy	1080	16 S2	80 oct,N,S blkd.
Berlin (Wisc.)	2.5 W;hwy S	780	20 S1	80 oct,SE blkd,P-line SW.
Owen (Wis)	0.7 NE;RR,hwy S	1270		80 oct.P-line N,NE,SW,W,NW
Mauston (Lemonweir,Wisc)	2 W;RR N	880	15 S1	80 oct,N blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➙ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED Airports are indented and non-capitalized.


MINNEAPOLIS 14
SAULT STE. MARIE 15
DETROIT 33
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←4°E TO 0°→
OWEN
COLBY ABBOTSFORD
ALEXANDER
WISC. VALLEY
MARSHFIELD
STEVENS POINT
CLINTONVILLE
SHAWANO
OCONTO FALLS
OCONTO
CHERRYLAND
KUBIAKS
FRANKFORT
BROWN CO
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
MANISTEE-BLACKER
VALLEY AWYS
GINNOW
MANITOWOC
COLOMA
TOMAH
WINNEBAGO CO
MASON CO
BERLIN
CAMP WILLIAMS
TUCKER FLY SVC
GREEN LAKE
FOND DU LAC
CHAPLIN
SKY VILLAGE
KOHLER
MAUSTON
CASTLE ROCK
LONE ROCK
278
116.1 MC
WISC DELLS
MAEL
BELL AERO SVC
OCEANA
LONE ROCK INT
MADISON
400
116.1 MC
WEST BEND
GROB
BROWN DEER
CURTISS WRIGHT
SKY HAVEN
MILWAUKEE
242
116.1 MC
MUSKEGON
263
NORTHSIDE
MUSKEGON CO
WATERTOWN
WAUKESHA CO
MAITLAND
RICHLAND FLY CLUB
TRUAX
MOREY
FOUR LAKES
WHITEWATER
GEN. MITCHELL
278 KC 118.5 MC
PARK TOWNSHIP
TULIP CITY
WISC. SKYWAYS
HORLICK-RACINE
AMBER 5
KENOSHA
PLATTE
JANESVILLE
ROCK CO
ELKHORN AIR SVC
+ RED ROCK
+ SHULLSBURG
BADGER
BILL'S
BELOIT-SO. BELOIT
EVERGREEN
SAUGATUCK DOUGLAS
BENTON HARBOR
LAKE CO
CHICAGO 45
LA CROSSE 371
CHICAGO
DETROIT
GRAND RAPOS
MILWAUKEE 31
STATUTE MILES
0
10
20
30
40
50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct. Poles N.Trees E,S,W
Aviation Co.Club(Galesburg)	1.8 WSW;lake S	800	19 S1	80 oct.Trees NE,NW (Mich)
Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct.Poles NW,N,S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S4	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	80 oct.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2.2 E;riv 0.8 SW	735	26 S4	80 oct.N,S appchs blkd.
DETROIT H Fac (Mich)	338(D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S
➔FLINT H Fac. (Mich)	335(FN)(vhf)		MHTV	(3);116.1,122.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto.P-lines S, N
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req Poles SE,NE
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough.
Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct.P-line N.Trees sur fld.
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	80 oct. Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.(Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bed W	936	62h L5 S6	80-100 oct.Lgts on req.
(P) [Kent Co.] (Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld.Rdo
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW,Trees
LANSING Range (Capital City)	206(LJ)(116.1)	280°,3.0	SBMRAZ-DTV	(4);116.1 (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW.
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	0.7 ESE;riv N	760	21 S2	80 oct.Obst sur fld, Ctn soft.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.
NEW FACILITIES				
➔ Hutchinson's Sunnyside (Moorland,Mich)	3.2 WNW;RR S	675	20 S2	80 oct.
➔ Grant Mun (Mich)	1.8 ESE,RR E	705	27	Trees NE,E. E,S
➔ Daunder Fld(Fenton,Mich)	1.5 N;lk W	890	26 S1	80 oct.P-line W,NW,trees
➔ David Airfld (Athens,Mich)	1.3 SSW;hwy E,S	915	26 S1	80 oct.Poles E,trees S,W.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80 oct.E,SE,SW,W,NW blkd
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMRLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct.No bcn.Lgts prior req. Poles S,SE,W.
➔ Paw Paw (Mich)	2 N;riv NE	720	24 S1	80 oct. Trees N,E,hill S,poles W
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80,91 oct.P-line SE,S.Lgts on req.
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct.Poles S,SE,SW. Lgts on req. Trees NW,NE
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW.
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Secrest (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396(126.18,137.88)+		CA (ILS-W)	(3);137.88
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	683	60h L5 S6	73,100 oct.IP-1.Poles E. FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
➔ Skyhaven (Saginaw,Mich)	2.5 N;riv E	600	28 S2	80 oct. Trees NE. N.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct. (Mich)
(P) [Tri-City] (Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA ONLY"
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct.
White Cloud (Mich)	0.5 N	872	18	Twr SE.P-lines NE,SW.
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

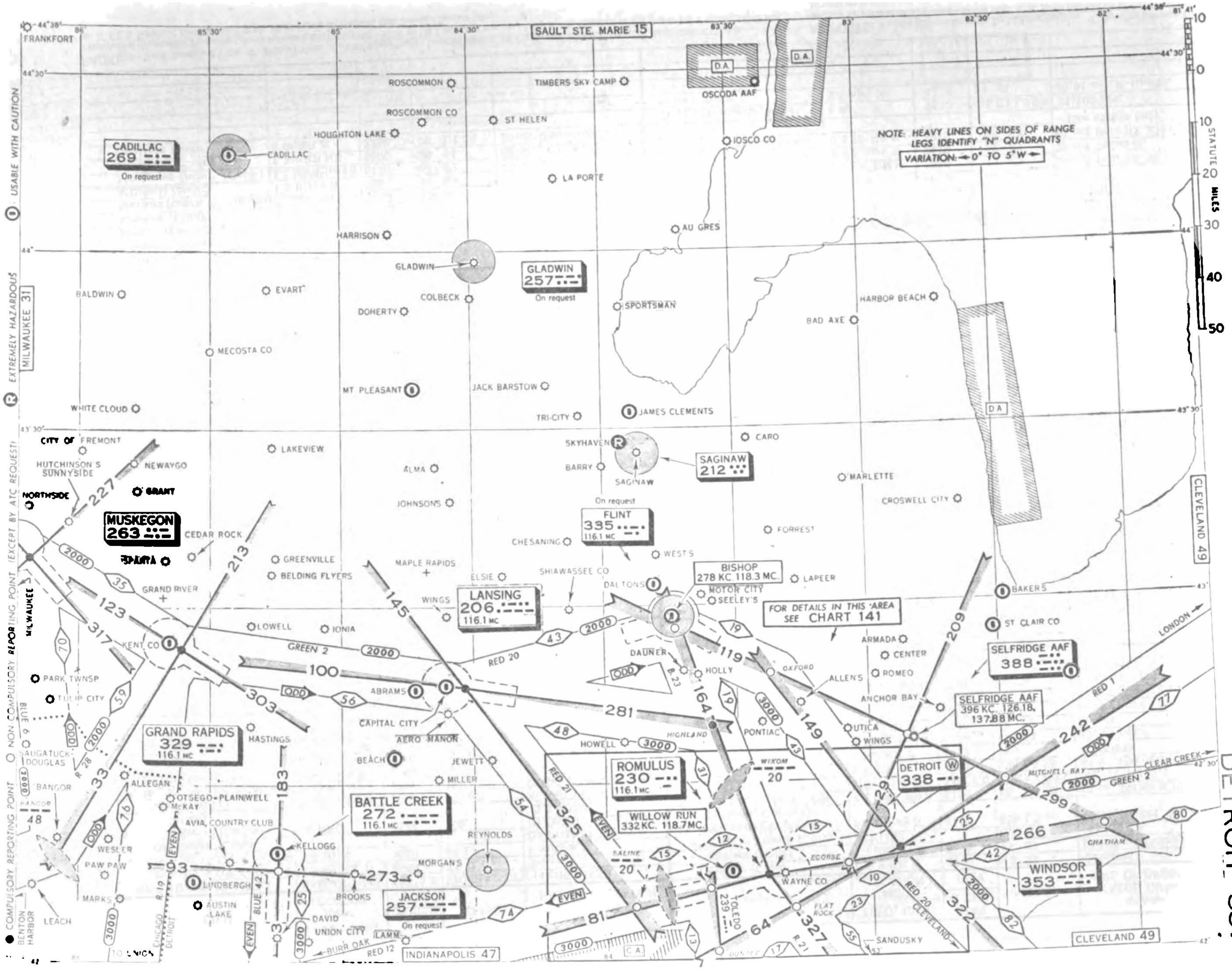
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM– (0.23)	MM– ••••••(0.83)	OM– — — (4.31)
					MMK–	OMK–
WILLOW RUN			50°	IM–	MM–	OM–
					MMK-341 ▬ (0.65)	OMK-359 •▬▬ (5.80)

NEW FACILITIES				
Utica (Mich)	2.7 WNW;hwy S	710	20 S1	Ltd 80 oct.P-line NW,SE Soft
Romeo (Mich)	2 ESE;lake E	730	30 S1	80 oct.N blkd.Poles W,RR N,W
(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main. NG. ARPT OF ENTRY.
(P) [Willow Run] (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N (Mich)
Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct.P-line E,S NW
City of Fremont/Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW
➔ Aero Manor (Millett,Mich)	1.4 E;riv NW	858	30 S5	80 oct.Poles NW,trees NE,NW.
Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
McKay (Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
Morgan's (Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE,
Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd S,SW P-line N. Tree W
Tawas City (Mich)	1 WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
WINDSOR Range (Ont.Can.)	353(OG)	243°,3.3	SBRAZ-T	3105,6210,3117.5
WILLOW RUN Tower (Mich)	332(118.7)		C(ILS-W)	(4);118.7
Tulip City (Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy W
Wings (St.Johns,Mich)	2.7 SW;RR N	760	21 S1	80 oct.Trees SE,NE.
➔ Otsego-Plainwell Mun (Plainwell)	1.5 N;riv NW	727	26 S2	80 oct.Poles E,S. Mich)
➔ Ceadar-Rock (Edgerton,Mich)	0.8 SE;RR W	750	25 S1	80 oct.Poles SW.
➔ Motor City Sky Park (Flint,Mich)	3.7 E;RR S	795	21 S1	80 oct.Trees NE,NW.
➔ Marlette (Mich)	1.3 N;hwy W	825	18 S1	80 oct.Trees S,NW.
➔ Sportmans (Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Trees SW,NW.
➔ Union City (Mich)	1 SW	900	27 S2	80 oct.Trees N,ENE,S.
➔ Lamm (Litchfield,Mich)	2 N	957	22 S2	80 oct.P-line N,trees E.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) ➔ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
ROSCOMMON
TIMBERS SKY CAMP
OSCODA AAF
D.A.
ROSCOMMON CO
ST HELEN
HOUGHTON LAKE
IOSCO CO
CADILLAC
269
On request
CADILLAC
LA PORTE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W
AU GRES
HARRISON
GLADWIN
GLADWIN
257
On request
BALDWIN
EVART
COLBECK
DOHERTY
SPORTSMAN
HARBOR BEACH
BAD AXE
MECOSTA CO
MT PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
CARO
CITY OF FREMONT
LAKEVIEW
SKYHAVEN
SAGINAW
212
BARRY
ALMA
MARLETTE
HUTCHINSON'S SUNNYSIDE
NEWAYGO
NORTHSIDE
GRANT
JOHNSONS
CROSWELL CITY
FLINT
335
116.1 MC
On request
MUSKEGON
263
CEDAR ROCK
CHESANING
FORREST
WEST'S
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
ELSIE
SHIAWASSEE CO
BISHOP
278 KC 118.3 MC.
LAPEER
MOTOR CITY
SEELEY'S
DALTONS
BAKER'S
GRAND RIVER
WINGS
LANSING
206
116.1 MC
FOR DETAILS IN THIS AREA SEE CHART 141
LOWELL
IONIA
ST CLAIR CO
ARMADA
CENTER
KENT CO
GREEN 2
RED 20
DAUNER
HOLLY
OXFORD
ALLEN'S
ROMEO
SELFRIDGE AAF
388
PARK TWNSP
TULIP CITY
ABRAMS
ANCHOR BAY
SELFRIDGE AAF
396 KC 126.18,
137.88 MC.
CAPITAL CITY
AERO MANOR
HASTINGS
GRAND RAPIDS
329
116.1 MC
HOWELL
HIGHLAND
PONTIAC
UTICA
WINGS
SAUGATUCK-DOUGLAS
BEACH
JEWETT
MILLER
ROMULUS
230
116.1 MC
WIXOM
20
DETROIT (W)
338
MITCHELL BAY
CLEAR CREEK
GREEN 2
BANGOR
ALLEGAN
OTSEGO-PLAINWELL
McKAY
AVIA, COUNTRY CLUB
BATTLE CREEK
272
116.1 MC
WILLOW RUN
332 KC. 118.7MC.
SALINE
20
ECORSE
WAYNE CO
CHATHAM
WESLER
KELLOGG
REYNOLDS
PAW PAW
MORGANS
WINDSOR
353
LINDBERGH
MARKS
BROOKS
JACKSON
257
On request
AUSTIN LAKE
DAVID
UNION CITY
LAMM
LEACH
BURR OAK
TOLEDO
239
FLAT ROCK
SANDUSKY
CLEVELAND
RED 12
INDIANAPOLIS 47
CLEVELAND 49
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
MILWAUKEE 31
COMPULSORY REPORTING POINT
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
BENTON HARBOR
CHICAGO DETROIT
MILWAUKEE
10
0
10
20
30
40
50
STATUTE MILES
DETROIT 33

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles E.
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W;RR S	4160	38 S2	73 oct. P-line N,NE,SE,
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W S,NW
CHEYENNE Range (Wyo)	326(CYS)(vhf)	76°,0.9	SBRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army 80,100 oct,2-ech maint NG.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	Poles W.
(P) Craig (Colo)	1.8 SE;riv N	6300	51 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV.Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	42 S6	80 oct. P-line NE,N.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	38	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947.
Flagler (Colo)	0.8 S;hwy N	4975	40 S4	80 oct. P-line E,NE,SE.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	36 L1 S6	73,80,91 oct. (Colo.)
[Fremont Co](Canon City, Colo)	6.9 E;riv S	5350	49 S2	80 oct.Rnwy data unver.
General Brees (Laramie)	See Brees Field under "New Facilities"- name changed.			
Glenwood Sprgs.(Colo)	2 S	5900	31 S4	73 oct.
Granby (Colo)	1 ENE;hwy S	8200	39 S2	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	37 S4	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;hwy S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630	21 S4	80 oct.P-line W.Data unver.
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct.
LA JUNTA Range (AAF)	281(LH)(116.1)	134°,2.6	SBMRLZ-DTV	(4);116.1,122.1 (Colo)
LARAMIE Range (Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD.Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	19 S1	Ltd 73 oct.Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	36 S1	80,91 oct.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct.Trees,poles
Montrose (new) (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct. CLOSED
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct.Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40 S2	Caution.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct.Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct.P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(4);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91,100 oct. E blkd.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR I S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N;riv .5 E	4900	26 S1	73 oct. Emerg only.
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	91 oct.Do not Lnd N or S.P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S4	80 oct. Trees W, S.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct.P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range(Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct.Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
★ Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
★ Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV.P-line S,SE.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W.
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;hwy E	3400	36 S2	80 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	52 S6	73,80 oct. Rough
Yuma (Colo)	1.4 SSE;hwy W	4150	54 S6	80 oct.P-line S,SE,SW,NW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

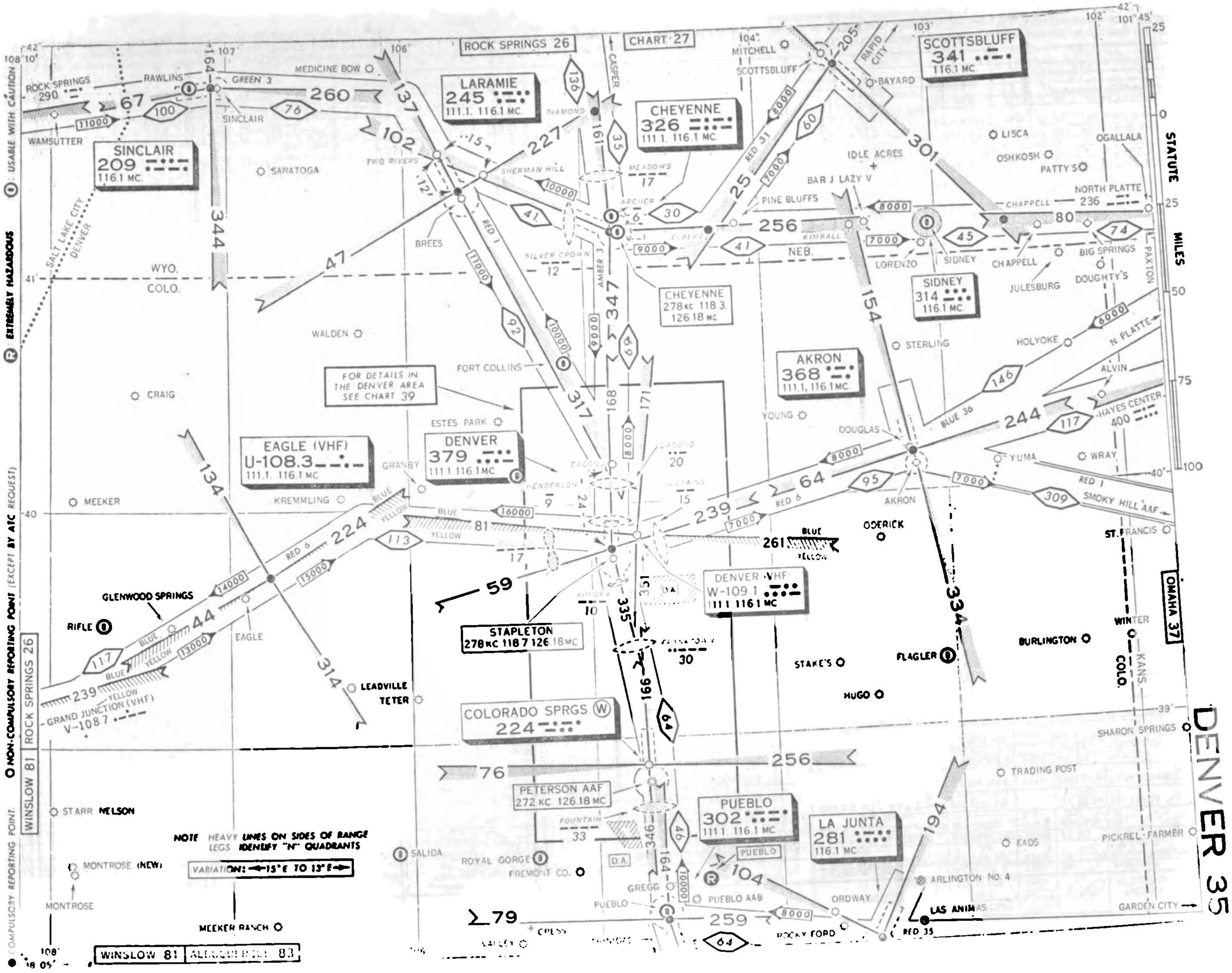
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3 ·-· ···	335	206°	IM-	MM-·-·-(0.65)	OM- – –(4.19)
					MMK-335 ···–	OMK-359 –··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver
(P) Sterling (Colo.)	2.8 W;RR S	4020	34 S6	80 oct.
Pickrel-Farmer(Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct.Poles N,NE;bldgs
Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct.Poles E E
Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct.Pole NE.Elev.NW Use strips only.
Brees (Laramie,Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Sidney (Nebr.)	3 S;hwy N	4298	34 S1	80,91 oct.P-line N.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ✚-Army A.C.S. transmits on and guards 116.1, 137.66, 140.58 mcs.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ROCK SPRINGS 26
CHART 27
DENVER 35
ROCK SPRINGS 290
RAWLINS
WAMSUTTER
SINCLAIR 209 116.1 MC.
SINCLAIR
SARATOGA
MEDICINE BOW
LARAMIE 245 111.1, 116.1 MC.
CHEYENNE 326 111.1, 116.1 MC.
CASPER
DIAMOND
TWO RIVERS
SHERMAN HILL
MEADOWS
ARCHER
BREES
SILVER CROWN
AMBER 3
RED 1
RED 31
CHEYENNE 278 KC 118.3, 126.18 MC.
WYO.
COLO.
NEB.
SALT LAKE CITY
DENVER
WALDEN
FORT COLLINS
FOR DETAILS IN THE DENVER AREA SEE CHART 39
CRAIG
ESTES PARK
EAGLE (VHF) U-108.3 111.1, 116.1 MC
DENVER 379 111.1 116.1 MC
GRANBY
KREMMLING
MEEKER
GLENWOOD SPRINGS
RIFLE
EAGLE
GRAND JUNCTION (VHF) V-108.7
LEADVILLE
TETER
STAPLETON 278 KC 118.7 126.18 MC
COLORADO SPRGS. (W) 224
PETERSON AAF 272 KC 126.18 MC
FOUNTAIN
SALIDA
ROYAL GORGE
FREMONT CO.
PUEBLO
PUEBLO 302 111.1, 116.1 MC
PUEBLO AAB
LA JUNTA 281 116.1 MC
AKRON 368 111.1, 116.1 MC.
AKRON
STERLING
YOUNG
DOUGLAS
BAYARD
SCOTTSBLUFF 341 116.1 MC
SCOTTSBLUFF
MITCHELL
RAPID CITY
IDLE ACRES
BAR J LAZY V
PINE BLUFFS
LORENZO
SIDNEY
SIDNEY 314 116.1 MC.
CHAPPELL
LISCA
OSHKOSH
PATTY'S
OGALLALA
NORTH PLATTE 236
BIG SPRINGS
DOUGHTY'S
JULESBURG
PAXTON
HOLYOKE
N PLATTE
ALVIN
HAYES CENTER 400
WRAY
YUMA
SMOKY HILL AAF
ODERICK
ST. FRANCIS
OMAHA 37
WINTER
COLO.
KANS.
BURLINGTON
FLAGLER
STAKE'S
HUGO
SHARON SPRINGS
TRADING POST
EADS
PICKREL FARMER
ARLINGTON NO. 4
LAS ANIMAS
GARDEN CITY
ORDWAY
ROCKY FORD
OLNEY SPRINGS
CPEEK
GREGG
HENDERSON
AURORA
DENVER VHF W-109.1 111.1 116.1 MC
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°E TO 13°E
MONTROSE (NEW)
MONTROSE
MEEKER RANCH
WINSLOW 81
ALBUQUERQUE 83
ROCK SPRINGS 26
WINSLOW 81
STATUTE MILES
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
(EXCEPT BY ATC REQUEST)

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy S	2900	26 S6	80 oct. Soft when wet.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs S,SW; poles S. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S2	73 oct.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	26 L S2	80 oct. Port rnwy lgts.
* Brainard Int, 82, SL-OH	5.5 SW;hwy W	1640	31 L3	(Nebr)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr)(A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S,NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct. P-lines N.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;RR S	3150	42 S2	80 oct. Poles SW,W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE,SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3 S6	80,91 oct. lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	Adj SW;RR N	1550	20 S2	80 oct. RR NW. Data unver
Fabio Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S2	73 oct.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE,N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E,NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W,NW,S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE,E,SE.
Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. W. Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1846	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N,W.
(A) Harvard AAF (Nebr)(A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N,S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S,W. NE,SW,W,NW.
Hawks (Bruning, Neb)	3.8 ESE;rd N	1544	29 S4	80 oct. N blkd. Poles
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N,NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N
Hiawatha (Kans)	1.3 WSW;RR E	1110	25 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;riv N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (McPherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(4); 126.18 (8-1630)
(A) Kearney AAF (Nebr)(A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N;p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
→ Larned Mun. (Kans)	1.6 NNE;RR SE			ABANDONED.
LEBO Range (Int.) (Kans)	311(LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW	2325	29 S2	creek NE 80 oct.
Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE,E,SE.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG)[Lincoln](Nebr)	5.5 NW;RR NE	1191	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG.
Lyons (Kans)	1.3 W;hwy N	1950	28 S6	73 oct. P-line NW,N,NE
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
→ Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley)(Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) [A]	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy S.
(A) McCook AAF (Nebr)(A)	9 NNW;hwy E	2784	75h	CLOSED.
McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S2	73 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	80 oct. Poles SW,W. RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S6	80 oct. P-line SE. 1.8 NE
NORTH PLATTE Range (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte](Nebr)	3.2 ESE;riv SW	2779	55h L5 S6	73,80,91,100 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;RR SE	2684	25 S1	80 oct. P-line SE,NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un-
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1 ver.
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lk W	982	54h L6 S6	73,80,91,100 oct. No contact lgts.
100th Meridian (Cozad, Nebr)	0.8 SW;RR N	2490	22 S1	80 oct. P-line E.
Ord (Nebr)	1.8 NW,NR,hwy E	2060	31 S4	80 oct. Use strips.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278(118.5, 126.18)		C	(4); 118.5, 126.18, 122.5; 100-150 mcs on req.
[Phillip Billard] (Topeka, Kans)	3.5 ENE;RR S	879	42h L5 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.5 S;RR N	1882	33 S1	80 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Republican City (Nebr)	See Waldo Air Svc under "New Facilities" - name changed.			
Russell (Kans)	2.7 ESE;hwy N	1860	32 S6	73,80,91 oct. Poles N, NE,S,SW.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE	1275	26 S6	80,91 oct. P-line NW.
Schuyler (Nebr)	2.8 W;RR S	1380	20 S4	80 oct. NE,SW blkd.
Scott City (Kans)	1.3 ESE hwy N	2980	25 S1	73 oct. P-line N,NE, NW,SW.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N,S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW;RR NW	1806	27 S1	80 oct.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.1	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE;RR W	1450	20 S2	80 oct. P-line N,NW.
TARKIO H Fac. (Mo)	281(TK)(116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE,SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
GRAND ISL. AAF (A)				DECOMMISSIONED	
OMAHA	110.3	335	135°	IM-	MM- • — • — (0.78) OM- — — (4.90)
					MMK- 201 • • • • OMK- 219 — — —
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- • • • • • • (0.89) OM- — — (4.20)
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blkd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr)	2.5 NE	1180	25	Poles S.
Oakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.
Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.
Burdett Fly Club (Kans)	1 SW;RR N	2140	20 S1	80 oct. Poles E,S. Use strips
Concordia (Kans)	1.7 S;hwy W	1510	20 L S6	80 oct. Flood, port rnwy lgts
Downs Mun. (Kans)	0.4 SSW;riv S	1500	22 S2	80 oct. N,NW blkd. Pole W
Ellsworth (Kans)	1 N;twr 0.8 S	1630	26 S6	80 oct. FEE. P-lines NE
Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S,N
Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S,W
Marysville (Kans)	1.3 ENE	1240	26 S2	80 oct. P-lines N,S
Nessco (Ness City, Kans)	1.6 ESE;RR 0.6 N	2240	26 S2	80 oct. E/W rnwy unsafe
Ness Fly Club (Ness City, Kans)	1 ESE;RR N	2245	23 S2	80 oct. Poles N,S when wet;
Oakley (Kans)	0.6 SSW;RR N	3050	26 S2	80 oct. P-lines SE,S,NW,N
Ritter (Jct. City, Kans)	3.7 W;hwy N	1260	18 S2	80 oct. Poles NE,N. Use stps.
Sterling Air Svc. (Kans)	1.2 SSW;lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs
Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE
Superior (Nebr)	2 N;hwy W	1735	28 S2	80 oct.
Geneva Fly. Svc. (Nebr)	1.2 SSW;RR NW	1633	26 S4	80 oct. Poles E. Soft-wet
Roush (Grand Isl. Nebr)	2 SSE;riv N	1841	32 S6	80,91 oct. E blkd.
Harmon (Kearney, Nebr)	1.3 NNW;lk S	2240	17 S4	80 oct. Soft when wet.
Waldo Air Svc (Republican City, Nebr)	0.5 WNW;riv S	1980	30 S6	80,91 oct. N end soft.
Heller Air Ranch (Wisner, Nebr.)	5 SSW;rd S	1350	22 S4	80 oct. Poles SE. Use strips only.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

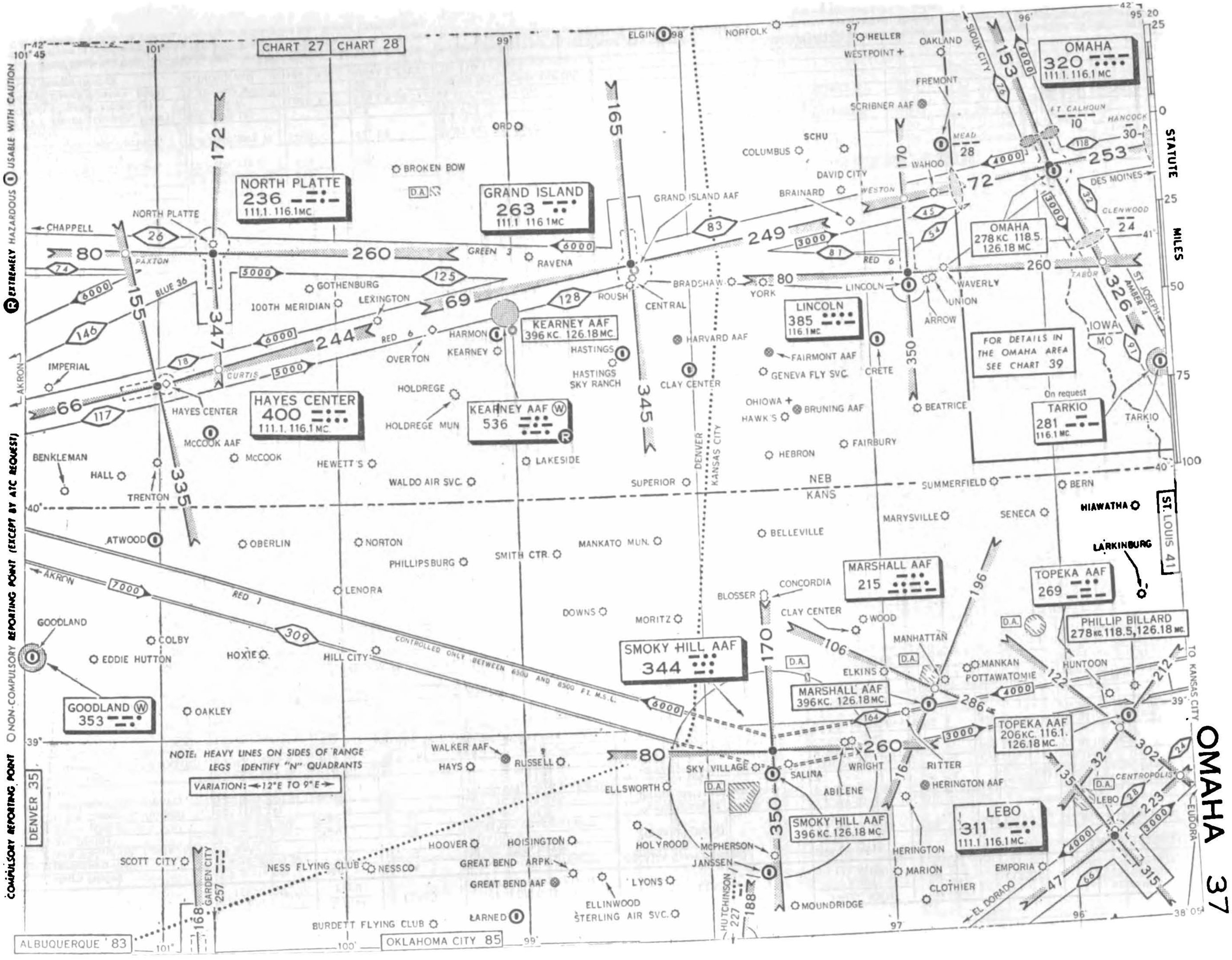


CHART 27
CHART 28
NORTH PLATTE
236
111.1. 116.1MC.
GRAND ISLAND
263
111.1 116.1MC
KEARNEY AAF
396 KC. 126.18 MC.
HAYES CENTER
400
111.1. 116.1 MC.
KEARNEY AAF (W)
536
OMAHA
320
111.1. 116.1 MC
OMAHA
278 KC 118.5.
126.18 MC.
LINCOLN
385
116.1 MC
FOR DETAILS IN THE OMAHA AREA SEE CHART 39
TARKIO
281
116.1 MC.
On request
SMOKY HILL AAF
344
SMOKY HILL AAF
396 KC. 126.18 MC.
MARSHALL AAF
215
MARSHALL AAF
396 KC. 126.18 MC.
TOPEKA AAF
269
TOPEKA AAF
206 KC. 116.1.
126.18 MC.
PHILLIP BILLARD
278 KC. 118.5, 126.18 MC.
LEBO
311
111.1 116.1 MC.
GOODLAND (W)
353
ELGIN
NORFOLK
HELLER
WESTPOINT
OAKLAND
FREMONT
SCRIBNER AAF
SIOUX CITY
COLUMBUS
SCHU
DAVID CITY
WAHOO
MEAD
BRAINARD
WESTON
GRAND ISLAND AAF
ORD
BROKEN BOW
CHAPPELL
NORTH PLATTE
PAXTON
GOTHENBURG
100TH MERIDIAN
LEXINGTON
RAVENA
GREEN 3
RED 6
BLUE 36
IMPERIAL
AKRON
CURTIS
OVERTON
HARMON
KEARNEY
HASTINGS
HASTINGS SKY RANCH
HARVARD AAF
CLAY CENTER
BRADSHAW
ROUSH
CENTRAL
YORK
LINCOLN
WAVERLY
UNION
ARROW
FAIRMONT AAF
GENEVA FLY SVC.
CRETE
BEATRICE
OHIOWA
HAWK'S
BRUNING AAF
FAIRBURY
HEBRON
SUMMERFIELD
BERN
HIAWATHA
LARKINBURG
ST. LOUIS 41
DES MOINES
CLENWOOD
TABOR
IOWA
MO
ST. JOSEPH
AMBER 4
HOLDREGE
HOLDREGE MUN
McCOOK AAF
McCOOK
HEWETT'S
WALDO AIR SVC.
LAKESIDE
BENKLEMAN
HALL
TRENTON
SUPERIOR
DENVER
KANSAS CITY
NEB
KANS
MARYSVILLE
SENECA
BELLEVILLE
ATWOOD
OBERLIN
NORTON
PHILLIPSBURG
SMITH CTR.
MANKATO MUN.
LENORA
DOWNS
MORITZ
BLOSSER
CONCORDIA
CLAY CENTER
WOOD
MANHATTAN
ELKINS
MANKAN POTTAWATOMIE
HUNTOON
TO KANSAS CITY
GOODLAND
COLBY
EDDIE HUTTON
HOXIE
HILL CITY
OAKLEY
CONTROLLED ONLY BETWEEN 6500 AND 6900 FT. M.S.L.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E
WALKER AAF
HAYS
RUSSELL
ELLSWORTH
SKY VILLAGE
SALINA
ABILENE
WRIGHT
RITTER
HERINGTON AAF
HERINGTON
MARION
CLOTHIER
EMPORIA
EL DORADO
CENTROPOLIS
LEBO
EUDORA
HOOVER
HOISINGTON
HOLYROOD
McPHERSON
JANSSEN
GREAT BEND ARPK.
GREAT BEND AAF
LYONS
ELLINWOOD
STERLING AIR SVC.
LARNED
BURDETT FLYING CLUB
NESS FLYING CLUB
NESSCO
SCOTT CITY
GARDEN CITY
MOUNDRIDGE
HUTCHINSON
DENVER 35
AKRON
ALBUQUERQUE '83
OKLAHOMA CITY 85
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
STATUTE MILES
OMAHA 37

DENVER-OMAHA-ST. LOUIS

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver
← Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;RR E	1050	24 S6	80,91 oct Windmill NW
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S6	80,91 oct RR S.
BUCKLEY Tower (Colo)(NG) (NG)(N) Buckley (NAS) (Denver, Colo)	201 (126.18)		CA	(3); 126.18 (8-16)
	12.5 ESE	5642	80h	73.100 oct,1-ech maint NG
Calhan (Colo)	0.6 ESE;hwy N	6500	22	
✱ Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy 1 W	612	26 L5 S1	80 oct.P-line NE,NW.
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct P-line E
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct P-line N,S
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW
Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct NW blocked
← Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34 S6	73,91 oct
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE
Eagleton (Decatur, Nebr)	1 S;riv NE	1100	26 S2	73 oct Poles NE;trees NW.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E PRIVATE
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct Port lgts on rnwy SE blocked
LAMBERT-ST. LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126 18, 122 5, 118 3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;hwy .5 S	5030	44 S6	80,91 oct Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA ✱ :00.20	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct Port rnwy lgts P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,S,SW, NW,N,NE.
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126 18, 122.5, 118 5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct No con-tact lgts.
Parks (East St. Louis, Mo)	4.2 SW;RR SE	410	26 L4	NW blk.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct Port rnwy lgts 1700' paved rnwys
PETERSON Tower(Colo)	272(126.18)		CA	(4);126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;bet RR,hwy	6575	42 S6	80,91 oct P-line NE,E,SE, W,NW.
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct Poles sur fld
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct P-line NE,SW, E,W blocked.Rnwy data un-ver. Bet RR & hwy.
Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	80,91 oct.Poles sur fld.
St Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116 1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	441	55h L5 S5	73,91,100 oct,JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°,7.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	37 S6	80,91 oct. Use strips.
SPRINGFIELD,Ill.(Range)	239(ZP)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118 7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;riv 3 N	615	24 S2	80 oct. Trees ESE,SE,WNW.
← Steckley (Weeping Water,Nebr)	3 S;RR,rd E			ABANDONED
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S6	80 oct P-line SW,trees S.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
← LAMBERT	110.3	335	238°	IM-	MM- (0,64)	OM- (3,98)
					MMK- 201	OMK-
OMAHA	110.3	335	135°	IM-	MM- (0,78)	OM- (4,90)
					MMK- 201	OMK- 219
STAPLETON	110.3	335	206°	IM-	MM- (0,65)	OM- (4,19)
					MMK-335	OMK- 359

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct,S blkd.
Lisco (Nebr)	0.5 W;RR N	3800	26	
Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E	1150	28 S2	80 oct.
Falls City Mun. (Nebr.)	1.8 NE	960	29 S2	80 oct.
Ward (Craig,Mo)	0.6 NE;hwy S	875	25 S4	80 oct. P-line ESE

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. *(vhf)* - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
✱ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

DENVER AREA (SEE CHART 36)

OMAHA AREA (SEE CHART 37)

ST. LOUIS AREA (SEE CHART 41)

DENVER 379 111.1, 116.1 MC.

DENVER (VHF) 109.1 111.1, 116.1 MC.

STAPLETON 278KC 118.7, 126.18 MC.

LOWRY AAF 396KC 126.18 MC.

SKY RANCH 296 KC.

BUCKLEY 201KC 126.18MC.

COLORADO SPGS 224 (W)

PETERSON AAF 272KC 126.18MC.

OMAHA 320 111.1, 116.1MC.

OMAHA 278KC 118.5, 126.18MC.

OFFUTT AAF 396KC 126.18MC.

TARKIO 281 116.1MC.

SPRINGFIELD 239

ST LOUIS 209 111.1, 116.1MC.

LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.

SPANISH LAKE (W) 219

SCOTT AAF 396 KC.

SCOTT AAF 263

CHART 39

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT EXCEPT BY ATC REQUEST (R) EXTREMELY HAZARDOUS (I) NOTE HEAVY LINES ON SIDES OF RANGE

10 STATUTE 0 10 MILES 20

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
ATLANTIC H Fac. (Iowa)	257(TZ)(116.1)		MHTV	(4);116.1,122.1
Atlantic, 4B, CG-CH (Ia.)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE. Poles E, SE, NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct S, SW blckd
Beaver (Des Moines)	3.4 NW	900	25 S6	80 oct. (Iowa)
Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE, E.
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S; pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW, NE.
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80, 91 oct. Obsts.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357', 1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa
(P) [Burlington] (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy E.
Butler, (Mo)	2N;RR, hwy W	870	26 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N, W, NW.
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E.
CEDAR RAPIDS H Fac.	344(CID)		MHW	(Oper City)
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80, 91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C.A.P. (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac. (Mo	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S; trees SW 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct. rnwy lgts.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80, 91 oct. P-line N, S,
COLUMBIA Range (Mo)	379(CA)(vhf)	89', 3.9	SBRAZ-DTV	(4);116,1,122. SW
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S6	80, 91 oct. No flood lgts.
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N, E.
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80, 91, 100 oct.
← Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED.
Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80, 91 oct. P-line S, SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	344', 2.1	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(NG) [Des Moines] (Iowa)	4.5 SSW	957	57h L5 S4	80, 91, 100 oct. RR V.
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80, 91 oct. Apchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80, 91 oct.
Edwards (Grant City)	1.2 ENE;hwy S	920	23 S2	(Mo.) 80 oct. P-lines S
Fayette Flying Fld. (Mo.	1.8 S;RR W	730	29 S2	80 oct. Trees W, S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct. unver.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N, NE, S.
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	34 L S6	80, 91 oct. Port rnwy.
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct. lgts. P-line NW
Hannibal (Mo)	4.3 WNW; hwy N	735	26 L S6	80 oct. P-line W, S. Port rnwy lgts. Rough
Hillsboro (Ill)	1 NE lake .5 E	625	27 S6	80 oct. P-line SE, SW,
Hi Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. P-line S, E, NW
(P) Hunter (Cedar Rapids, Iowa)	3 S;hwy E	732	27 L3 S6	80, 91 oct. Fld lgts prior req. Poles S, E,
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	248(IX)(116.1)		BHTV	(4);116.1,122.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80, 91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18, 118.3, 122.5.
	2.5 NW;riv W, S	744	52h L6 S6	80, 91, 100 oct. Poles E. Dike W. Flood lgts in op.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80, 91 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	320°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter. NE,
Kirksville 12, KC-CG	7 SE;hwy NE	970	39h L3 S6	(Mo.) 80, 91 oct. P-lines
LAMBERT Tower (St. Louis, Mo.)	278(126.18. 118.3)		AC(ILS)	(4);126.18,122.5. 118,3
(NG) [Lambert-St.Louis] (N) (NAS)(St.Louis,Mo.)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 Oct. do rqrd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1153	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	80 oct. P-line S, W, SW
* Luray Int, 16, KC-CG	1.9 ESE;RR N	727	26 L3	(Mo) Poles N, E, W.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73, 80 oct. N, NE blckd. P-line E, SE.
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	Obst sur fld.
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int, 7, KC-LS	1.8 S;hwy W	800	39 L3 S2	80 oct. Trees E, NE, W
(?) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct. (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Grayois Mills, Mo)	4.2 SSE;hwy W	950	19	Rough
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E, N	590	40h L6 S6	73, 80, 91 oct. Poles NW.
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E, W, S.
← MONTEZUMA H Fac.				DECOMMISSIONED
* Montezuma Int, 17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles N, SW, W.
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE/SW strip. Data unver.
Mt. Ayrport (Mt. Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80, 91 oct. P-lines SE,
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S, SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac. (Int.) (Mo)	248(ST)(116.1)		BHTV	(4);116.1,122.1
* New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	22 S6	80 oct. Poles S
Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S6	80 oct. Tree S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range (Kans)	233 (NUU).	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans.	201(142.74)		CN (GCA)	(3);142.74 (8-18)
(N) Olathe Nas (Kans)(N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80, 91 oct. P-line W.
Pekin (Ill)	4 S;RR E	505	29 S6	80, 91 oct. P-lines SE,
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. S, SW, W, NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.2	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80, 91 oct. No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	474	23 S6	80 oct. Data unver.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
NEW FACILITIES				
Warsaw (Mo.)	2.5 W;lk N, E, S	690	26 S4	80 oct. Trees W, S, E
Sharon (Fremont, Ill)	1 SE;RR, hwy N	631	21 S6	80 oct. P-line NE.
Zims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E, W
Sky Haven (Warrensburg, Mo)	3.7 WNW;hwy S	850	24 S6	80, 91 oct. P-lines SE,
Pana (Ill.)	2 E	706	18 S2	80 oct. P-lines N. WSW
Sky Lake (Tuscumbia, Mo)	8 WSW	588	25 S1	80 oct. Trees NNE
Excelsior Springs (Mo.)	1.6 W;hwy S	900	10 S2	80 oct. Bldg SSW
Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S
Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S
Myers-Hughs (Lucerne, Mo)	0.4 SE;RR W	905	20 S2	80 oct. S blkd. Rough
Montgomery (Kahoka, Mo)	0.4 ENE;RR S	700	19 S2	80 oct. N, S blkd.
Lincoln Fly. Svc. (Ill)	1.8 W;hwy N, E	591	20 S6	80 oct. P-line N
Quincy (Ill)	2.8 SE;hwy E	650	26 S6	80, 91 oct. E blckd. P-line SE, S, SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	25 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80, 91, 100 oct. Ltd 100 oct, 2-ech maint NG. Fld lgts
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld prior req.
← St. David (Ill)	1.5 SW;RR N			ABANDONED.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST LOUIS Range (Lambert-St.Louis)(Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116,1,122,1
SCOTT Army Range (Belleville)(Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill.)	396 +		CA	(4)
(A) Scott (Belleville, Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73, 91, 100 oct. JP-1.
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy NI	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	69', 7.8	FMHW	(Cont.) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80, 91 oct. Use strips.
Sterling (Ill)	1.4 N;hwy E	645	25 S6	80, 91 oct. E, SE blckd.
* Stuart Int, 8, OH-CG (Ia)	3.5 SE;rd E	1189	31 L3	P-line NE, E.
Taylorville (Ill)	1 SW.		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa, Ia)	2.5 SSE;RR W	800	13 S6	80 oct. P-line N, W, NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S4	80 oct. P-lines sur fld.
Virden (Ill.)	1 WSW;RR E, S	640	25 S2	80 oct. P-line N, E, Soft.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW.
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80, 90 oct. Soft when wet. Poles N, W.
Warrensburg (Mo)	7.3 SSW;hwy E	860	22 S6	80 oct. Use strips only. P-lines SW, NW.
Washington (Iowa)	1.5 SSE;RR NE	789	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Ill-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.
Wright (Garden City, Mo)	1.4 NNW;hwy SW	880	25 S1	80 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
KANSAS CITY	109.9	333.8	173°	IM-	MM- (2.6) OM- (4.65)
				MMK-221	OMK-248 (1.0
LAMBERT	110.3	335	238°	IM-	MM- (0.64 OM- (3.98)
				MMK201	OMK-
MOLINE	110.3	335	131°	IM-	MM- (0.71) OM- (4.4)
				MMK-	OMK-
				IM-	MM- OM-

NEW FACILITIES				
Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blckd.
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees.
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E.
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N, S, NW.
Hall (Stratton, Nebr)	1 SE;RR, riv N	2850	27	Poles W, NW. Use strips.
Holdrege Mun. (new) (Neb)	2 ENE;RR, hwy S	2310	36 L1	Facs not installed but usable.
Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.
York (Nebr) Ia.)	1.8 N;hwy W	1662	30	Poles SW, NW. Use stps.
Adamson Arwys (Perry,	4.6 WSW;RR N	1000	17 S6	80 oct. P-line N.
Wylles (Gorin, Mo.)	3 WNW;riv W	1040	14 S2	80 oct. Use strips only
Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W.
Depperman (Owensville, MO)	0.7 NNW	900	28 S2	80 oct. Trees W, NW.
St. Clair (Mo.)	1.4 ENE	750	20 S2	80 oct. E, SSE, W blkd.
Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W
Ace High (Galt, Mo.)	3 SW;hwy N	937	29 S6	80 oct. Poles SW, N.
Carrollton (Mo.)	4.0 W;hwy W	700	20 S2	80 oct. P-lines NNE
Eldon Model Arpk (Eldon,	0.9 NE;RR SE		23 S2	80, 91 oct. Trees SSW

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ✱ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) ← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

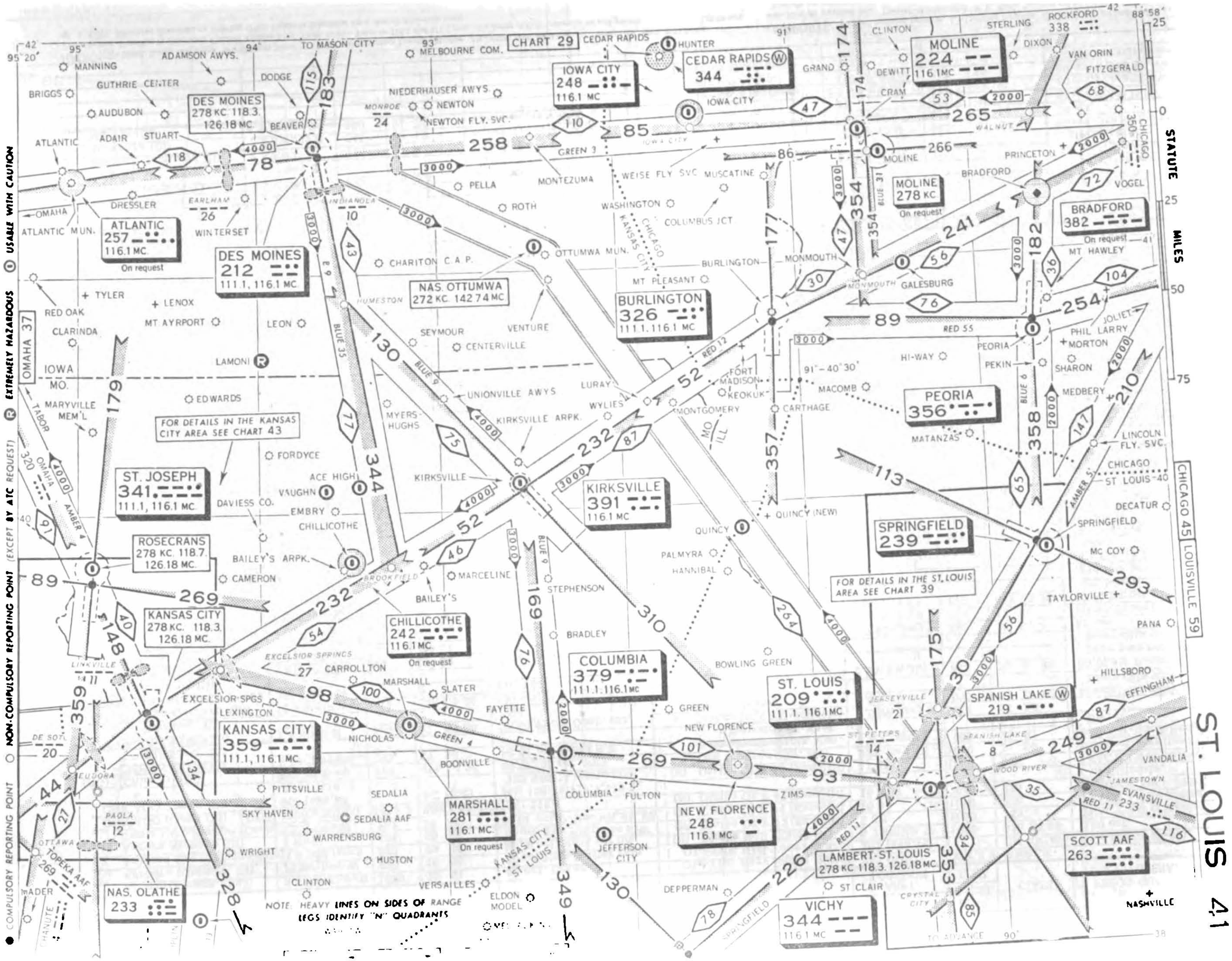


CHART 29
ATLANTIC 257 116.1 MC On request
DES MOINES 278 KC 118.3 126.18 MC
DES MOINES 212 111.1, 116.1 MC
IOWA CITY 248 116.1 MC
CEDAR RAPIDS 344
MOLINE 224 116.1 MC
MOLINE 278 KC On request
BRADFORD 382 On request
BURLINGTON 326 111.1, 116.1 MC
NAS. OTTUMWA 272 KC. 142 74 MC
ST. JOSEPH 341 111.1, 116.1 MC
ROSECRANS 278 KC. 118.7. 126.18 MC.
KANSAS CITY 278 KC. 118.3. 126.18 MC.
KANSAS CITY 359 111.1, 116.1 MC.
CHILLICOTHE 242 116.1 MC. On request
MARSHALL 281 116.1 MC. On request
NAS. OLATHE 233
KIRKSVILLE 391 116.1 MC
COLUMBIA 379 111.1, 116.1 MC
NEW FLORENCE 248 116.1 MC.
ST. LOUIS 209 111.1, 116.1 MC.
LAMBERT-ST. LOUIS 278 KC 118.3. 126.18 MC.
VICHY 344 116.1 MC
PEORIA 356
SPRINGFIELD 239
SPANISH LAKE 219
SCOTT AAF 263
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
CHICAGO 45 LOUISVILLE 59
ST. LOUIS 41

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW; hwy N	1030	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW; hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hgts)	1.5 NW; hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	.3 NNW	701	30 S4	80 oct. Twr NE; poles E, W
Cedar Lake Fly. Svc (Cook, Ind.)	0.5 E; hwy W	751	28 S4	80,91 oct. P-line NE, SE, SW.
CHICAGO Range (Ill)	350 (CG) (116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7, 118.1)		AC (ILS)	(4); 126.18, 118.7, 118.1, 122.5 (GCA test basis)
(NG) Chicago (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
Chicago-Hammond (Lansing, Ill)	1.5 S; RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(A) Chicago-Orchard (Ill)	16 NW; RR W	657	58h L5 S6	100 oct; JP-1 fuel avail.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
Conard (Ottawa, Kans)	3.8 NNE; RR S	946	24 S6	80 oct. P-line N; hedge S
Elgin (Ill)	2.2 N; hwy W	770	24h S1	80,91 oct.
FAIRFAX Tower (Kans)	278 (126.18, 118.9)		AC	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kans. City, Kans)	3 NE; RR E	746	65h L5 S4	81,100 oct. (A)
Fisher's (Edwardsv'l, Kans)	1 ESE; RR N	770	26 S6	80,91 oct. P-line N.
Gardner (Kans)	1.4 WSW	1070	39	
Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20 S1	80 oct. Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW; RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE; rd W	791	26	Trees W, S, E.
Hall's (Olathe, Kans)	2.6 SSE; RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW; hwy W	619	26 S6	80 oct. P-line E, line N.
HARVEY Range (Rubinkam)	385 (GH)	90°, 2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W; RR N, S	910	18 S1	73 oct. Use strips only.
Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N, SE.
Heart of America (Kans. City, Kans)	4 E; RR E	759	23 S6	80 oct. Poles, trees S. Use strips only.
Hinsdale (Ill)	3 S; hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W; hwy E	600	26 S6	80, 91 oct. strips only.
Independence (Mo)	5.8 ESE; RR S	825	24 S6	80,91 oct. Poles S. Use
JOLIET Range (Ill)	257 (JO) (116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W; riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Kane Co. (Elgin, Ill)	7 WNW; hwy E	910	21 S4	80 oct. Trees E, SE, NW
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
[Kansas City] (Mo)	2.5 NW; riv W, S	744	52h L6 S6	80,91,100 oct. Poles E. Dike W. No flood lgts.
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S; RR E	1072	55h L5 S6	80,91 oct. No flood lgts. P-line NE, SW.
Lawrence (Kans)	2,5 NNE; hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W, E, SE, NE.
Leavenworth Lecompton	3.6 WSW	1125	26 S1	80 oct. Trees N. P-line NE.
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. (Kans) SW. Twr SE. Obsts sur fld
Mitchell (Lombard, Ill)	2.8 NNW	710	24	Data unver.
Momence (Ill)	3.5 SW; riv N	645	23 S2	80 oct. Trees NW, N, NE
Morris (Ill)	4.5 N; hwy W	590	21 S2	73 oct. Poles N, NNE.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
OLATHE Navy Range (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW; RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans) (N)	5 SE	1090	16h	INACT. 4 W of Stanley.
(N) Olathe OLF #4 (Kans) (N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans) (N)	16 SSW	940	23h	INACT. 4.3 W hill. of Hillsdale.
(N) Olathe OLF #9 (Kans) (N)	11 SE	1070	23h	INACT. 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE; hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N; pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int, 4, KC-MP (Mo)	1.5 NW; hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S; RR W	975	34 L S6	80 oct. Port rnwy lgts. Rnwy data unver.
Pal-Waukee (Glenview, Ill)	5.5 WNW; RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo prs. Rnwy data unver.
Prosperi (Tinley Park, Ill)	1.7 SSW; hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW; RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW; riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct. 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW; hwy N	615	47 L1 S5	73,80,91 oct. Use W part P-line N. only.
St. Charles (Ill)	3.5 E; RR E, S	760	18h	
ST. JOSEPH Range (Rosecrans)	341 (ZJ) (vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3); 126.18 Closed 2000-0800.
(A) Sherman (Ft. Leavenworth)	1 NNE; RR W	771	60 L5 S4	73,91,100 oct. (Kans) (A)
Sky Harbor (Northbrook, Ill)	1.6 NW; RR E	680	26 L S6	80,91 oct. Flare pots. P-line S.
Sky Haven (Bensenville, Ill)	1.5 SE; RR W, N	650	23 S4	80,91 oct. Use strips.
➔ State Line Arpk (Stanley)	3.8 NE; hwy E	990	22 S1	80 oct. Obst sur fld. (Kans)
Stinson (La Grange, Ill)	2 SE; hwy SE	644	25 S6	80,91 oct. P-line S, W
(P) Washington Park (Homewood, Ill)	1.5 SE; hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S; RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; p-
York Township (Lombard, Ill)	2 SSW; hwy N	726	20 S6	80 oct. Use line W strips. P-line N, E.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- ·—·— (0.79)	OM- —— (5.8)
					MMK- 201 ···	OMK- 219 ·—··
KANSAS CITY	109.9	333.8	173°	IM-	MM- ·—·—·— (2.6)	OM- —— (4.65)
					MMK- 221 ·—·—	OMK- 248 —·— (11.0)

NEW FACILITIES

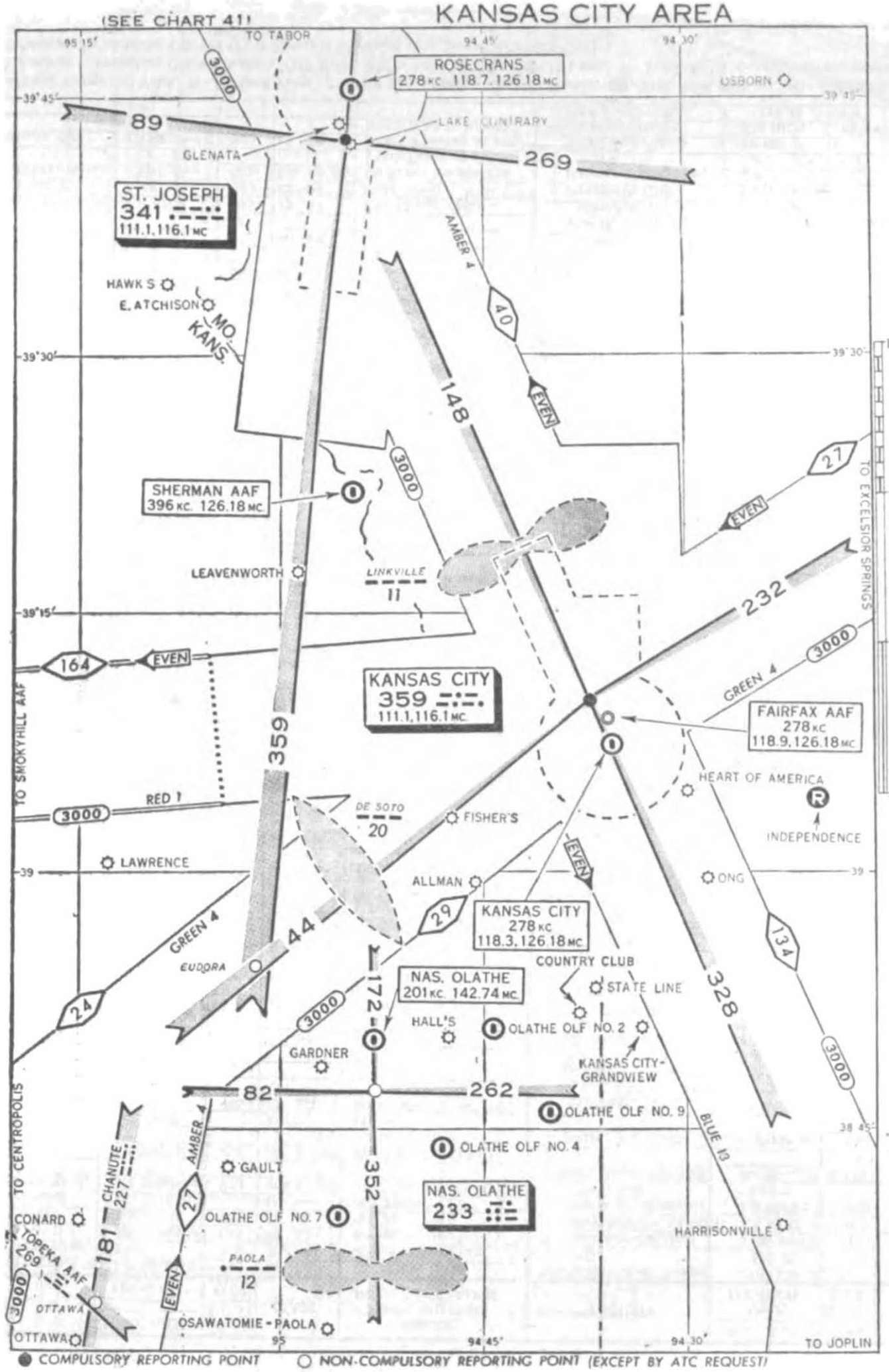
Triangle (Dyer, Ind.)	1.5 NE; RR E	630	33 S4	80,91 oct.
Lakeside (Gary, Ind.)	7.5 W		35 S4	73,80 oct. Data unver.
East Atchison (Rushville)	4.5 SW; riv W	790	24 S2	80 oct. N, NNW blkd. Use strips only. (Mo)
Glenota (St. Joseph, Mo)	6 WSW; riv N	800	26 S2	80 oct. N, E, W blkd. Use strips only.
Lake Contrary (St. Joseph)	6 SW; riv 2 N	800	21 S6	80 oct. Use strips only.
Lake Village (Ind.)	1 NW; hwy S	650	22 S4	80 oct.
Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E, NE.
➔ Stanley Co. Club (Kans)	2.5 NE; RR SE	975	28 S1	80 oct. Poles SE, SW.
Skyway (Gary, Ind.)	4 WSW; RR W	630	19 S2	80 oct. Wires SE, SW, NW.
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 8117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➔ New or revised data. [Jeans] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

KANSAS CITY AREA

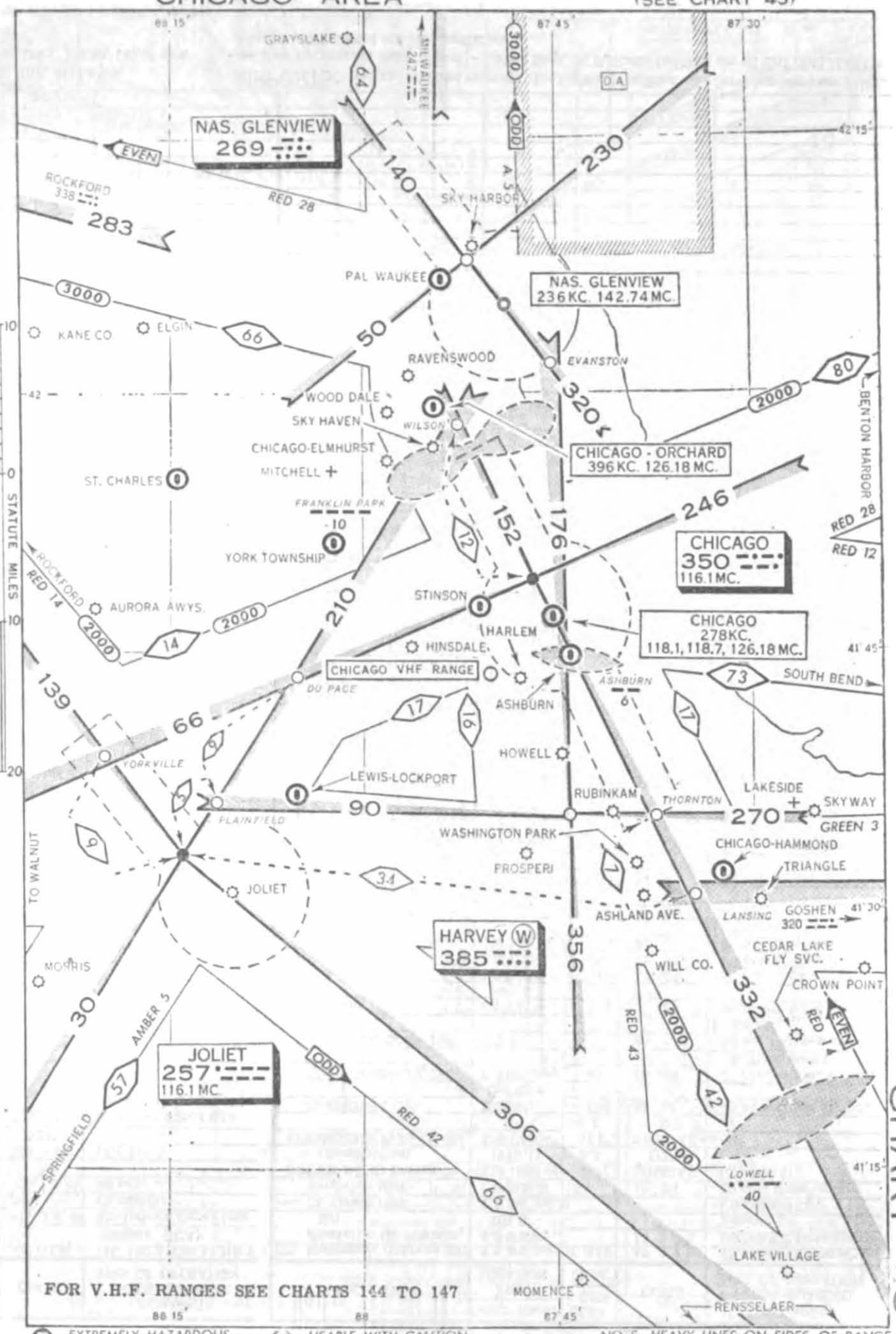
(SEE CHART 41)



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

CHICAGO AREA

(SEE CHART 45)



FOR V.H.F. RANGES SEE CHARTS 144 TO 147

Ⓡ EXTREMELY HAZARDOUS Ⓢ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 43

CHICAGO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertus (Freeport,Ill)	3.8 SE;RR S	740	26 S6	73,80 oct. RR W.
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct. P-line W.
Bellevue (Iowa)	3 N;RR W	652	1[illegible] S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
* Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1. Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
City (So.Haven,Mich)	4 S;RR W	640	35 S2	80 oct. Trees sur fld.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts SE,SW,NW.
Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S6	73,80 oct,P-line N,NE.
→ Cork (Marshfield,Ind)	2 NW	640	24 S2	80 oct.P-line N.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E,
Culver (Ind)	2 E;lake W	815	26	NE
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct.Appchs blkd except E, NW.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. req. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Fiatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Illini (Urbana, Ill)	2 NNE;hwy E	740	5 S6	80 oct.Floares on req. E,SE blkd.P-line SW.
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	287(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct.Flood lgts prior req after 2400.
Kankakee (Ill)	3.2 WSW; hwy E	625	26 S4	73,80 oct Use strips only.Ditch N.
Kentland (Goodland, Ind.)	4 WNW	650	25 S4	80 oct,P-line NE.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
Kishwaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	19 S6	80 oct.P-lines N, NW
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd.
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW. Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
→ Machesney,7,CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	732	29 L3 S6	73,80 oct.E,S blkd.P-line SE.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blkd. P-line E,SE.
Matanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct.for Army. Poles NW.
Monticello (Chalmers. Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Morton (Groveland)	0.5 NNE;hwy N	792	24 S2	80 oct.P-line N,W.(Ill)
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
Ockley (Ind)	1 W		23	Pwrlines N,W. SW Trees E.Data unver.
Ottawa (Ill)	Adj NW		22 S2	80,91 oct.Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
Pecatonica (Ill)	1 N;hwy E	750	24 S6	73 oct. P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178°, 2.2	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.No flood or boundary lgts.
Phil-Larry (Roanoke, Ill)	4 W	747	23 S6	80 oct. Data unver.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE	690	20 S2	80 oct.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette. Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part. unver.
→ St. David (Ill)	1.5 SW;RR N			ABANDONED.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80,91 oct.Use strips.
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S. Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines sur fld No sto.
Sterling (Ill)	1.4 NW; hwy E	645	25 S6	80,91 oct.E,SE blkd.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct.P-line S,SE. Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	766	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80.90 oct.Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs. Compass Locator in kcs)

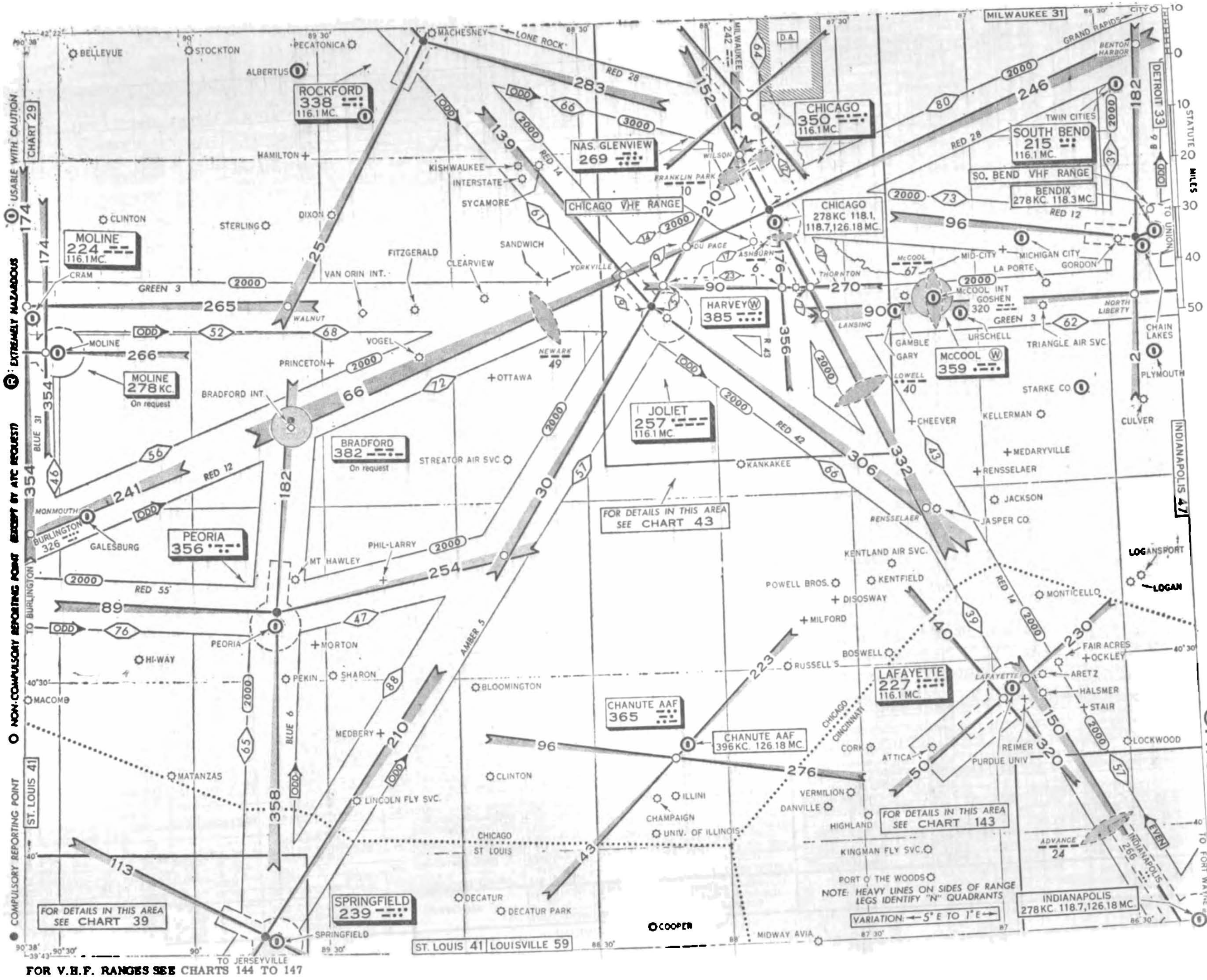
LOCATION	LC/LZ R.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CHICAGO	109.9	333.8	132°	MM- •—•—• (0.79)	OM- ——• (5.8)
				MMK- 201 •—•—•	OMK- 219 •—•—•
MOLINE	110.3	335	131°	MM- •—•—• (0.71)	OM- ——• (4.4)
				MMK-	OMK
				MM-	OM-
				MMK-	OMK
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct, Tank ESE.
Kentfield (Kentland,Ind)	2.4 SSE;RR W	720	22 S4	80 oct.Poles N,NE,SW,W
Starke Co. (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW
Mid-City(Mich.City,Ind)	3S	650	26 S4	80 oct.Wires N,S Data unver.
Stewart Fld.(Danville,Ind)	1.5 E	750	25 S1	80 oct.Wires N,S Data unver.
Elnora (Ind.)	.25 SE		18 S1	80 oct.P-lines N Data unver.
Boswell (Ind.)	1.3 ENE;hwy W	740	19 S1	80 oct.P-line SW,W,NW.
Fair Acres(Buck Creek,Ind)	0.3 ESE;RR N	595	24 S2	80 oct.P-line NE,SE,NW.
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct.Trees NE,Wires SE,NW
Kellerman Fld(N.Judson,Ind)	1.5 S;hwy E	650	17 S1	80 oct.Wires SE Trees N
Sharon(Treemont, Ill)	1 SE;RR,hwy N	631	21 S6	80 oct.P-line NE
Lincoln Fly Svc.(Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N.
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.
Sycamore (Ill.)	1.4 ESE;riv W	800	25 S6	80 oct.Poles N,SE,NW.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CHICAGO 45
MILWAUKEE 31
DETROIT 33
INDIANAPOLIS 47
CHART 29
ROCKFORD 338 116.1 MC.
MOLINE 224 116.1 MC.
MOLINE 278 KC. On request
BRADFORD 382 On request
PEORIA 356
BURLINGTON 326
NAS. GLENVIEW 269
CHICAGO VHF RANGE
CHICAGO 350 116.1 MC.
CHICAGO 278 KC 118.1, 118.7, 126.18 MC.
HARVEY 385
JOLIET 257 116.1 MC.
SOUTH BEND 215 116.1 MC.
SO. BEND VHF RANGE
BENDIX 278 KC. 118.3 MC.
McCOOL 359
CHANUTE AAF 365
CHANUTE AAF 396 KC. 126.18 MC.
LAFAYETTE 227 116.1 MC.
SPRINGFIELD 239
INDIANAPOLIS 278 KC. 118.7, 126.18 MC.
FOR DETAILS IN THIS AREA SEE CHART 43
FOR DETAILS IN THIS AREA SEE CHART 39
FOR DETAILS IN THIS AREA SEE CHART 143
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5° E TO 1° E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
TO FORT WAYNE
TO JERSEYVILLE
TO BURLINGTON
ST. LOUIS 41 | LOUISVILLE 59
FOR V.H.F. RANGES SEE CHARTS 144 TO 147

INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)		MHW	(Cont.) (Mich)
* Archbold Int,18,CG-LG	3.5 NNW;RR N	716	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W. Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	798	63h L5 S4	91 oct.100 oct.Army Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct. (Ind)
Bluffton-Wells Co.	2.8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line
Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. (Ohio) [NE,ESE.
Bringham (Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW.
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW;riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;RR N	798	50h	INACTIVE. (Ind)
Cadet (So.Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct.SE,E,SW,S blkd.
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E,NE. S blocked.
Cedar Lawn (Kenton)	2.3 S;RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain Lakes (So.Bend)	5.2 W;hwy N,S	765	22 S3	80 oct. (Ind.)
Cheever (Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MHW	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O) (Wilmington, Ohio)	272(126.18, 137.88)		CA(ILS-W) (GCA)	(3);126.18,137.7,116.1
(A) Clinton Co.AAF (Wilmington, Ohio) (A)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1. Rnwy lgts 1 hr's notice
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons (Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork [Marshfield,Ind)	2 NW	640	24 S2	80 oct.P-line N,
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line S,SW.Stacks NW.
Crabill (Springfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-lines S.
Culver (Ind)	2 E;lk W	815	26	
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90°, 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS-W)	(4):122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	73,81,91,100 oct.
Dr.Haines (Three Rivers, Mich)	See Haines under "New Facilities" - name changed.			Poles N (Ind)
E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 L S6	80 oct.Flares on req.
Elkhart (Ind)	2.7 NNW	752	30 S6	80 oct.N,NE,SE,NW blkd.
Elwood (Ind)	2 S;hwy NW	850	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (JF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L4 S4	80 oct. Obst sur fld.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51°, 3.3	BMRLZ-DTV	(4);116.1,122.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld.RR S
Gamble (Hobart,Ind)	1.8 NNW; hwy S	650	25 S6	80.91 oct.P-line NE,E
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE; RR N	730	13 S1	Fuel avail. [SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90°, 2.7	SBRAZ-DTV	(4);116.1,122.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. [Riv.
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port [req. lgts on req.P-line SW.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
Hi-Way (Decatur,Ind.)	1.5 SW		25 S1	
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
INDIANAPOLIS Range(Ind)	266(ID)(vhf)	75°, 3.3	SBRAZ-DTV	(3);116.1,122.1
INDIANAPOLIS Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct.Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W	996	25 S4	80 oct.No sto.P-line SW.
Kentland(Goodland,Ind.)	4 WNW	650	25 S4	80 oct,P-line NE. [S.
Kingman Fly.Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,E.
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S.E.Use strips only.
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMRL-DTV	(4); 116.1 [prior req.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. [NE.
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Appchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E	800	24 S6	80,91 oct.Pwrline NE.
(P) Miami Univ.(Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Mid City(Mich.City,Ind)	3 S	650	26 S4	80 oct Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE: RR E	595	36 S6	91 oct.P-line S,W,NNE
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. [blkd.
Ockley (Ind)	1 W		23	P-lines N,W.Trees E.
PATTERSON Armv Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32°, 2.96	SBMRAZ-DTV	(4);137.88 [Data unver
PATTERSON Tower	396 (126.18)+		CA(ILS-W) :53,13	(4); 126.18
(A) Patterson (Fairfield)(A)	1.6 WSW	819	78h L6 S4	73,100 oct.JP-1.(Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW
Paulding (Ohio)	1.8 NE;RR 2 W	720	25 S4	80 oct.S blkd.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd.Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct.N,SE apch
Port Core (Rushsylvania, Ohio)	1.6 SSW: RR NW	1275	14	Poles NNE [clear.
Port Koneta (Wapakoneta, Ohio)	2.1 NNE;RR E	900	24 S6	80 oct.SW,W,NW blkd.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct No sto.P-line N, stack NE.
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct.P-line N,E.
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	65h L5 S1	80,91 oct.No flood lgts.
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka (Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80 oct. Pole E,NE blkd.
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd.(Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct.Data unver.(Ind)
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld.RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	19 S6	73,80 oct.No sto.P-line
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct.Lgts [N,E,SE. prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW.
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3);116.1,122.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto Hills S.
Spink-Wawasee (Syracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S, SW.
Sportsman (Mishawaka)	3.7 NE;riv S	760	26 S6	80 oct.Appchs blkd exc. N,NW
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct.No sto. [(Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S.
Starke Co.(Knox,Ind)	1.7 S	714	26 S3	80 oct.P- [Data unv. lines sur fld.No sto.
Steed (Portland,Ind)	1.5 NW;hwy E	1000	24 S4	80 oct.P-line N,NE.
Stonbaugh (Bryan,Ohio)	0.5 S		24 S4	80 oct.No sto.Fence E. [wire W.Data unver.
TERRE HAUTE Range (Hulman) (Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE	623	42h L5 S4	80,91,100 oct. RR W.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) [Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
Urschell (Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct.P-line N.(Ind)
Waco-Troy (Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct.Poles [blkd. N,S,NW,NE.
Voss (Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S.Data unv.
Wakefield (Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington (Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2.5 NW;hwy S	835	26 S6	80, 91 oct.
Whittenberger (Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	280 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mes, Compass Locator in ibs

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM- OM-
					MMK- OMK
DAYTON	110.3	335	55°	IM-	MM- OM- (4.4)
					MMK- OMK
INDIANAPOLIS(L6)	109.9	333.8	44°	IM-	MM- (0.89) OM- (4.3)
					MMK-201 219
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- (1.12) OM- (4.5)
					MMK- OMK

NEW FACILITIES

Miahawaka (Ind)	2 SE	700	35 S4	80,91 oct.NNE/SSW.
East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct. [NNW/SSE blkd.
Kentfield (Kentland,Ind)	2.4 SSE;RR W	720	22 S4	80 oct.Poles N,NE,SW,W.
Starke Co.(Knox,Ind)	0.9 S;hwy E	714	29 S6	80 oct.P-lines SW,NW,NE, [SE.
Custer (Monroe,Ind)	2.5 WNW	612	40 L1 S2	80 oct.Trees N,W,S,
Branch Co.(Coldwater,Mich)	2.7 WSW;RR S	990	31 S4	80oct.Hi-lines sur fld.Data
Miller (Liberty Ctr,Ind)	1 NE	800	21 S4	80 oct.Data unver. [unver
Warsaw (Ind)	3 NNE		30 S1	80oct.Wires S,N,NE Data
Stewart (Danville,Ind)	1.5 E	750	25 S2	80oct.Wires N,S [unver.
Skyway (Tolleston,Ind)	4.5 N Griffith	630	18 S1	80oct.Trees NE,wires SE.
Boswell (Ind)	1.3 ENE;hwy W	740	19 S1	80 oct.P-line SW,NW.Data unv.
Fair Acres (Buck Crk,Ind)	0.3 ESE;RR N	595	24 S2	80oct.P-line NE,W,NW.
Elnora (Ind)	0.4 SE		18 S1	80oct.P-lines N,SE,NW.
Ada (Ohio)	1.5 NNW;hwy E	945	22 S4	80 oct. [Data unver.
Bluffton Fly.Svc. (Ohio)	1.3 ESE;hwy N	845	20 S4	80 oct. W blkd.
Liniger (Preble,Ind)	0.8 ESE;hwy N	750	24 S3	80 oct.P-line NE,SW,W.
Hartford City (Ind)	1.5 W	910	18 S1	Wires N.Data unver.
Kellerman (N. Judson,Ind)	1.5 S;hwy E	650	17 S2	80 oct,Wires SE.
Snyder (Fostoria,Ohio)	1.5 ENE;RR S	762	26 S4	80,91 oct,W blkd.
Mentone (Ind.)	2 SW	800	22 S4	80 oct,P-line S.
Lincoln Fld. (Dora,Ind.)	3 SSW;hwy S	830	21 S1	80 oct,P-line E.
Short's (Archbold,Ohio)	1.2 WNW;RR SE	728	20 S2	80 oct,S blkd.
Bryan (Ohio)	2.8 N;RR SE	810	38 S1	80 oct,S,SW blkd,P-line W.
Continental (Ohio)	2 S;RR NW	726	35 S1	80 oct.N,E,W blkd.
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.
Haines (Three Rivers,	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd.(Mich)
Jonesville-Merchant (Jonesville,Mich)	2.5 WSW: lakes S	1070	22 S2	80 oct.Trees SE,P-line NE
Sky Riders Inc (Pandora)	0.7 W;RR S	770	22 S2	80 oct,P-line SE,NW.(Ohio)
Montpelier (W.Jefferson)	0.8 NW;RR N	890	24 S2	80 oct,P-line N,NE,W.(Ohio)
Navarrie (Woodland Beach Mich)	2 WSW;RR W	580	30 S6	80,91 oct,P-line NE,SE,S.

INDIANAPOLIS 47

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (REQUEST BY A/C)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

CHICAGO 45 | DETROIT 33 | CLEVELAND 49 | COLUMBUS 63 | LOUISVILLE 59 | CINCINNATI 61

SOUTH BEND 215 116.1MC | SO BEND VHF RANGE | GOSHEN 320 116.1MC | BENDIX 278KC 118.3MC | M. COOL (W) 359 | ANGOLA VHF RANGE | ARCHBOLD (W) 371 | TOLEDO 239 116.1MC | TOLEDO 263 KC | TOLEDO VHF RANGE | FORT WAYNE 251 116.1MC | FINDLAY 209 | BAER 278 KC | LAFAYETTE 227 116.1MC | INDIANAPOLIS 266 116.1MC | INDIANAPOLIS 278KC 118.7,126.18MC | TERRE HAUTE 248 116.1MC | DAYTON 278KC 118.9, 126.18MC | DAYTON 245 116.1MC | PATTERSON AAF 396KC 126.18MC | PATTERSON AAF 379 137.88MC | WRIGHT AAF 260KC 126.1MC | CLINTON CO AAF 272KC 126.18MC | CLINTON CO. AAF (W) 201KC

FOR DETAILS IN THIS AREA SEE CHART 43

FOR DETAILS IN THIS AREA SEE CHART 143

FOR VHF RANGES SEE CHARTS 144 TO 147

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278(118.5)	C	(4);122.5
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	338 (D)	MHW;329°,2.2	(Cont.) Detroit
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
→ Selfridge Field	396 (126.18, 137.88) +	CA(ILS-W)	(3);137.88
WIXOM FM	341 (DYF)	FM;344°,20	Romulus
WILLOW RUN (Ypsilanti)	332(118.7)	C(ILS-W)	(4);118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(4);116.1
ELYRIA FM	(- - -)	FM, 280°, 10.9	Cleveland
FINDLAY	209 (JF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
→ HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ····· (0.83)	OM- -- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK 341 — (0.65)	OMK 356 - - -(5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S Sonal Range and Voice; W-Without Voice; Z VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (1) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers on Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd
Ann Arbor	4 S	835	28 L3 S6	80 oct. NE blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	80,91 oct.N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2.2 E;riv SW	735	26 S4	80 oct N,S, blkd
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct.P-line E.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct.Fee,com acft ARPT OF ENTRY.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct.Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct.Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E,trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct.Poles N,W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct.Poleline N
Monroe (Newport)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE, SW.
→ Nan-Bar (Flat Rock)	1 ENE;RR N	590	26 S4	80 oct. P-line NE,E.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct.Poles NE,NW.
(N) Newport OLF (N)	3 W;hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus AAF (A)	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct SE,SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct.Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW,NW Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct.JP-1.Poles E. FOREIGN CLEARANCE STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	664	25h	P-line NNE. PRIV.
Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct.P-lineS. Wblkd
Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed.			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct.30'poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct.Pole line N.
Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct.Hi-line S.Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct.Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	44h R2 L5 S4	80,100 oct.No sto. ARPT OF ENTRY.
Ashland	1.8 N;hwy W	1079	28 S4	80,91 oct.Poleline W
(P) Bricker (Bowling Green)	1 NE;RR W	675	30 S4	80 oct. E blocked
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE;bay N	600	15	W blkd,trees S.Rough.
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW; RR S	630	32 S4	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR S	1360	13 S6	80 oct.Trees E.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy E	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct.P-line SE,S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR N	1150	30 S6	80 oct.Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	32 S4	80 oct. Poles N,S,E.
Mansfield	3.8 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE	1080	30 L S6	80 oct. Pole line sur fld.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto.Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;RR E	595	38 S6	91 oct.Pole line S,W, NNE.
Noble (Massillon)	4.5 NNE;hwy W	1080	22 S6	80 oct.No sto.Poles SSW (Const.E/W rnwy
Norwalk	0.8 NE;RR W	700	18 S2	80 oct.Poles W,SW.
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S6	80 oct.Poles W,SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	28 S2	80 oct. House NE,E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3	
* Perry Int.4B.CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus(Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct.Poles E.
Put-In-Bay	1.2 SSW	590	16	Pole line NW. PRIV. ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto.Pole line N,E,SE.
Snyder (Fostoria)	1.5 ENE;RR S	762	26 S4	80,91 oct.W blkd.
Taylorcraft (Alliance)	2.5 NNE;RR SE	1080	22h S5	80 oct. No sto.Poles sur fld.
Tiffin	1.9 N;RR W	750	26 S4	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S4	80,91,100 oct.
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE.Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct.Pole line W.Rnwy data unver.
Willard	1.6 SSW;RR NE	960	29 S6	80 oct. Poles S,W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	See Akron-Canton Arpt-Co.Fld under "New Arpts"			
(NG) Wayne Co.(Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct.Tech maint NG ARPT OF ENTRY.
Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct.Poles W,bldg NE
Joy (Detroit,Mich)	13 NE;RR W	616	24 S6	80 oct.Trees SW.
Akron-Canton Arpt-County Fld (Canton, Ohio)	8.5 NNW;RR W	1207	56h L6 S1	80,91 oct.
Newton Falls(Ohio)	2 SW;RR E	950		
Tuttle Fld (North Madison,Ohio)	2.2 NW;lk N	625	16	80 oct,N blkd,P-line S.
Whiteley (Alliance, Ohio)	2 ESE;RR W	1065	16 S1	80 oct.N,S blkd.
→ Marlette (Mich)	1.3 N;hwy W	825	18 S1	80 oct.Trees S,NW.
→ Dauner (Fenton,Mich)	1.5 N;lk W	890	26 S1	80 oct.P-line W,NW.
Motor City Sky Park → (Flint,Mich)	3.7 E;RR S	755	21 S1	80 oct.Trees NE,NW.
Flat Rock (S.Rockwood (Mich) →	2.8 W;hwy W	600	24 S4	80 oct.P-line NW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓘ USABLE WITH CAUTION

CLEVELAND 49

DETROIT 33

DETROIT AREA

JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
MARLETTE
CROSWELL CITY
FORREST
LAPEER
DALTON'S
WEST'S
MOTOR CITY
SEELYS
BISHOP
278 (118.3)
On request
FLINT
335 (116.1)
SAGINAW
212
DETROIT 33
MICH 3 D.A.
MICH CAN
BAKERS
ST CLAIR CO MUN
ALLEN'S
CENTER
OXFORD
PONTIAC
SELFRIDGE AAF
388
SELFRIDGE AAF
396 (126.18, 137.88)
HIGHLAND
HOWELL
WIXOM
20
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
ROMULUS
230 (116.1)
ROMULUS
230 (116.1)
MITCHELL BAY
CHATHAM
CLEAR CREEK
248
WINDSOR
353
WILLOW RUN
332 (118.7)
NAN-BAR
GROSSE ILE NAS
269 (142.74)
FLAT ROCK
MILAN
DUNDEE
TECUMSEH
CUSTER
MONROE
NEWPORT OLF
NATIONAL AVIATION
MICH
OHIO
FRANKLIN
TOLEDO
263
DETROIT
CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
CLEVELAND V H F RANGE
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
SANDUSKY
HINDE
BOWLING GREEN
BRICKER
SLAGER
TOLEDO
239 (116.1)
TOLEDO V H F RANGE
NORWALK
PARKS
SNYDER
TIFFIN
FINDLAY
WELLINGTON V H F RANGE
WILLARD
MANSFIELD
FINDLAY
209
ADA
BLUFFTON FLT SVC
PORT BUCYRUS
GAGE
GALION
DAYTON
245
COLUMBUS 63
COLUMBUS
391
HAYESVILLE
HAYESVILLE
329
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
NORTH ROYALTON
MEDINA
PRICHARD
LODI
LING
WESTFIELD
AKRON
272 (118.9)
ASHLAND
WOOSTER
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
PARKMAN
NEWTON FALLS
KENT STATE
AKRON
362 (116.1)
MILLER
TAYLORCRAFT
WHITELEY
TUTTLE
On request
PERRY
332 (116.1)
PERRY
AMBER 6
ERIE
371
CLEAR CREEK
248
FOR DETAILS IN CLEVELAND AREA SEE CHART 141
CLEVELAND
344 (116.1)
BUFFALO 51
TO ERIE
TO YOUNGSTOWN
TO FORT WAYNE
TO TROY
TO ARCHBOLD
TO LANSING
TO BURR OAK
LANSING
206
BIG BEAVER
McKINLEY
BERZ
KRIST-PORT
WARREN
THOMAS B. JOY
ROSEVILLE
WINDSOR
DETROIT CITY
278
DETROIT (W)
338
METTETAL
BURNS
TRIANGLE
NATIONAL FLY SVC.
HARTSELL AIR TERM
FORD
STINSON
HANCE
WAYNE CO
ROMULUS
230 (116.1)
SCALE OF MILES
GREEN 2
GREEN 3
AMBER 6
BLUE 11
BLUE 15
RED 1
RED 12
RED 20
RED 21
RED 27
RED 59
RED 17
149
164
266
64
86
242
299
322
327
145
125
225
325
280
100
277
92
281
325
174
200
205
45
73
32
69
42°35'
83°30'
82°55'
42°15'
83°15'
42°07'
42°30'
41°30'
41°40'
40°40'
83°
82°30'
84°
83°30'
43°30'
42°30'
41°15'
SCALE OF MILES
5 0 5 10
STATUTE MILES
0 10 20 30

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Albert (Wallaceton, Pa)	3 ENE;rd N	1750	38 S5	80 oct. P-line sur fld. except W.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
Ashtabula (Ohio)	3.1 W;lake N	621	17 S2	80 oct.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct. P-line W. Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct. P-line N,S,W.
Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	23 S4	80,91 oct. P-line W, N.
Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE.
Brockway (Pa)	1.3 NE	1700	18 S2	80 oct. Trees SE,NW
Brokenstraw (Youngsville, Pa)	2.6 W;RR S	1230	19 S6	80 oct. P-line NE,SW,WSW
→ BROOKVILLE H Fac. (Pa)	391(BR)(116.1)		MHT	(4);116.1 Manned 7-23
★ Brookville Int,45A,CG-LG (Pa)	2 WSW;RR E	1416	30 L3	Trees E,W,SW.
Buffalo Arpk (Gardenville, N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
→ BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC(ILS-W)	(4); 126.18,122.5,118.5
(A) [Buffalo] (N.Y.)	6.1 ENE;RR NE	711	56h L6 S6	80-100 oct; 100 oct. Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario, Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Conneaut (Ohio)	See Lakeville			
Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	19 S3	80,91 oct. P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct. Hill N. Rnwy data
Country Club (Clarence, N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW. unver. Port lgts on req.
County (No. Tonawanda, N.Y.)	3.4 E;RR SW	577	21 S4	80 oct.
DUNKIRK H Fac. (N.Y.)	239(DK)(116.1)		MHTV	(4);116.1
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct.
Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct. P-line W.
→ ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1 (ILS-W)
Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80,91 oct. Port rnwy lgts. P-line SE.
Erie County (Erie, Pa)	11.6 SW;hwy N	805	24 S6	80 oct. P-line SSE,NW.
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
Fredonia (N.Y.)	3.5 W;RR SE	620	26 S2	80 oct. P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville (Pa)	3 W; RR E	1180	17 S2	80 oct. P-line S,SW.
→ Grove City (Pa)	2.1 SSE;RR E	1275	22 S6	80,91 oct.
Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S2	73,80 oct. Poles E.
Hamburg Arpk (N.Y.)	2 NNW;RR,hwy W	722	23h S4	80 oct. P-line NE.
Harri-Emery (Bradford, Pa)	2.3 WSW;hwy N	1490	20 S4	80 oct.
→ Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W			ABANDONED.
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium, Pa)	0.5 SW	1210	15	P-line SW,NE.
Kylertown (Pa)	1 WNW	1660	40 S6	80 oct. Trees N,WNW.
Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
Lakeville (Conneaut, Ohio)	2 ESE;RR N	670	18 S4	80 oct. P-line N,NE,NW.
Lee (Lockport, N.Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S4	80,91 oct.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
→ Mercer (Pa)	4.8 NNE;RR W	1300	22 L1 S6	80 oct.
Merry's Pymatuning (Linesv'l, Pa)	1.5 NW;RR E	1200	21 S2	80 oct. P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct. Trees NE,W.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)		CI	(4); 126.18,122.5 (7-21)
(P) [Niagara Falls] (N.Y.)	4.5 E;hwy S	587	55h L5 S4	80-100 oct. P-line E.
→ New Castle (Pa)	4 WNW;hwy SE	1080	29h S6	80,91 oct.
NEW FACILITIES				
→ Sharpsville Arpk (Pa)	5 ENE	1110	18 S2	80 oct.
→ Slyder's (Emporium, Pa)	4 ESE;RR 1.7 W	2000	20 S2	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Olean (N.Y.)	1.8 SE;riv N	1440	30 S4	80,91 oct. Trees W,N;hill S
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S6	80,91 oct. Trees N,E,S.
→ Patterson (Beaver Falls, Pa)	1.5 S;riv SE	1020	27 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct.
Pembroke Arpk (E.Pembroke, N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
Penn-Mead (Meadville, Pa)	4 SW;hwy E	1365	20 S3	80 oct. Trees N,E,S,W.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line, trees N,E.
Perry (Mars, Pa)	5 E;hwy E	1060	25 S6	80 oct. N blocked.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°, 5.0	SBRAZ-DTV	(4); 116.1 (Black Moshannon)
PHILIPSBURG Range (Pa)	108.7 (MJ)		VARW	
Philipsburg, 51A, CG-LG (Pa)	See Black Moshannon, 51A, CG-LG under "New Facilities" -name changed			
Pittsburgh-Butler (Butler, Pa)	6.2 SSW;hwy E	1235	49 L1 S6	80 oct. Flood lgts on req.
[Port Erie] (Erie, Pa)	6 WSW;RR SE	735	45h L6 S6	80,91 oct P-line E,S
Port Lawrence (Corry, Pa)	1.2 S;RR N	1745	23 S2	80 oct. Trees SE,W,NW.
Port Meadville (Meadville, Pa)	3.4 W;hwy S	1400	32h L4 S6	80,91 oct. Flood lgts on req.
Port Warren (Warren, Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver. Trees
→ Punxsutawney (Pa)	3 NE;hwy .5 S	1470	22 S2	80 oct. P-line SSE,ESE,S. NE
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct. P-line SW. Rnwy data
Shawnee (North Tonawanda, N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct. P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
→ Sky Harbor (Williamsfield, Ohio)	1 S;hwy E			ABANDONED.
Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h S6	80,91 oct. Trees N,E,S.
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct. P-line N,E. Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E. Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct. Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
TORONTO Range (Ontario, Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Tyndall (Warren, Ohio)	6 NNW;RR E	940	28 L1 S4	80 oct. N,S,W blkd.
Utahville (Pa)	1 N;RR S	1800	22 S6	80 oct. Ltd 91 oct.
Warren (Pa)	2 WSW;RR N	1100	23h S6	80 oct. P-line WNW.
Warren Airways (Ohio)	2.3 WNW;hwy N	900	25 S4	80 oct. Trees S,WNW.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles, trees sur fld.
Westfield (N.Y.) (NC)	1.5 WSW;hwy N	758	18	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°, 3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio)	278		C	(4)
[Youngstown] (Ohio)	11 N;hwy E	1178	39h L5 S6	80,91 oct. 100 oct. on req.

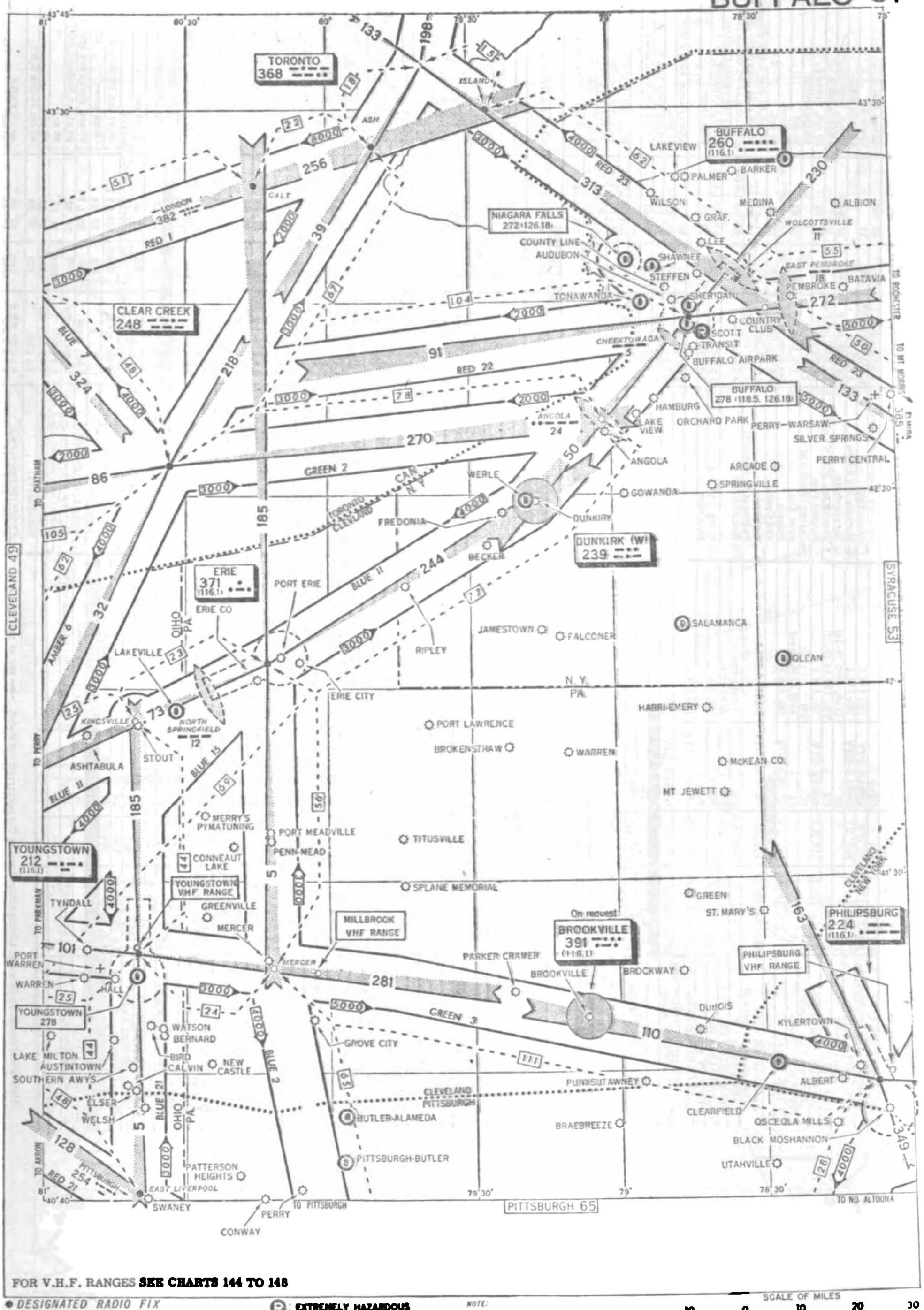
INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
BUFFALO	109.9	333.8	232°	IM-	MM- ·—·—(0.66)	OM- ——(4.20)	
					MMK-	OMK-201 ·—·—	
→ PORT ERIE	110.3	335	60°	IM-	MM- ·—·—(0.62)	OM- —— (4.35)	
					MMK-	OMK-	

NEW FACILITIES				
Lake Milton (Ohio)	0.4 W;lake E	950	17	Rough. P-line NE,E.
Southern Airways (Woodsworth)	2.5 NNW;hwy N	1040	27 S4	80 oct. E blkd. (Ohio)
Welsh Fly. Svc. (No. Lima, Ohio)	2.4 S;hwy, lk E	1155	18 S1	80 oct. E blkd.
Elser (No. Lima, Ohio)	1.2 NW;hwy E,S	1060	18 S1	80 oct. Trees E,W.
Calvin (No. Lima, Ohio)	2.8 WNW	1165	23 S1	80 oct. N,NNW,SSE blkd.
Austintown (Ohio)	0.8 SSE;hwy N	1160	31 S4	80 oct. E,W blkd.
→ Perry Fly. Svc. (N.Y.) (NC)	3.3 W;RR 3 W	1640	21	P-line NNE. Reported ABAND.
Perry-Warsaw (Perry, N.Y)	3 WNW;hwy N		15 S2	80 oct. Data unver.
→ Brookfield (Ohio)	0.8 W;RR W			ABANDONED
Black Moshannon, 51A, CG-LG	7 E;hwy N	1940	30h L3	(Philipsburg, Pa)
Stout (No. Kingsville, Ohio)	1 E;RR N,S	710	30 S2	80 oct. N blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.



FOR V.H.F. RANGES **SEE CHARTS 144 TO 148**

● DESIGNATED RADIO FIX
○ NON-COMPULSORY **REPORTING POINT**

Ⓡ EXTREMELY HAZARDOUS
Ⓓ. USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF BLOCK LEGS INDICATE 8 QUADRANTS.

SCALE OF MILES
10 0 10 20 30

RADIO

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
NEW YORK				
DANSVILLE MH Fac.	212 (DA)		MHW	
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
PENNSYLVANIA				
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	152°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
NEW RADIO FACILITIES				
WATERTOWN(N.Y)	109.1(WB)		VARW	
ALLENTOWN Range (Pa)	109.1(XA)	178°,5.7	VARW	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

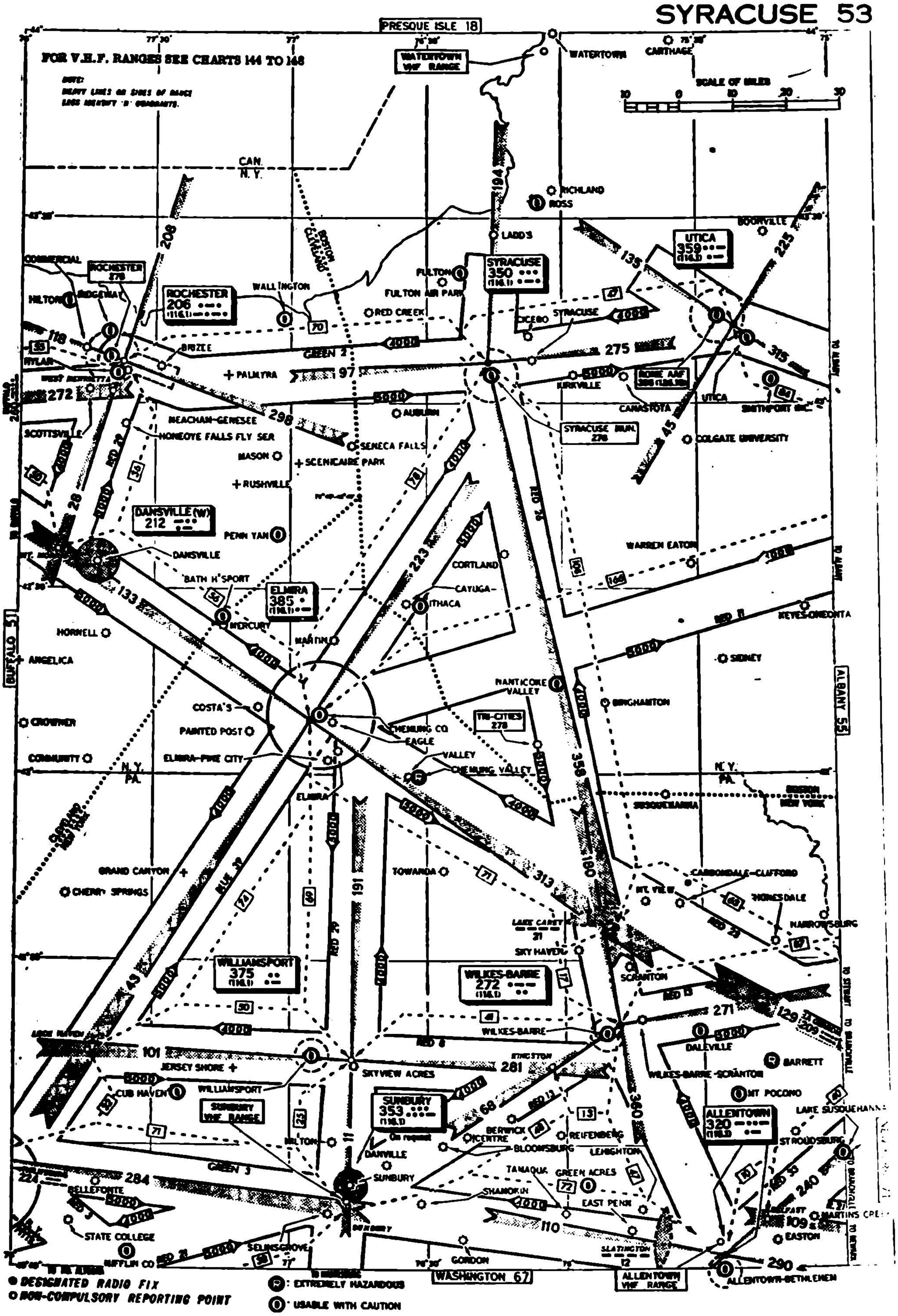
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW JERSEY				
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct. blkd.
Martins Creek (Belvidere)	3 SSW;riv SE	340	26 S6	80,91 oct. P-line N,ENE,SE
NEW YORK				
Angelica	1.5 WSW;RR N		18 S1	80 oct. Data unver.
Auburn	3.7 NNW;lake E	525	24 S4	80 oct. Poles,trees sur fld
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct. Hill 0.6 E. Data unver.
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE;riv NE	1273	28 S1	80 oct. Obsts sur fld.
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct. Pole line S, N.W.
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage	1 E; RR NW	740	20 S1	80 oct. L1-line W.
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct. Pole line E.
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct.
Cicero	0.5 NW;lake SW	416	21 S4	80 oct.
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct. Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Cortland	1.8 WSW	1144	30 S6	80 oct. Wooded ridge E.
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct. Trees W, NW.
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct. Obsts sur fld.
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airpark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	890	16	Trees adj NE,S.
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct. No sto. Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct. Brush WNW. Rnwy data unver.
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE.
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct. Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E.
Ithaca	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E.
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct. Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	13 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.
NEW FACILITIES				
→ Palmyra Arpk (N.Y.)	1 N		24 S4	80 oct. Data unver.
→ Blue Swan (Sayre, Pa)	2.7 WNW;riv E	800	29 S6	80 oct. Trees ESE, min WNW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NEW YORK				
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct. Hill W. CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E.
→ Moravia Air Haven	1 NW; RR E			ABANDONED.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
★ Newark Int. 27A, CV-AZ	1.3 NNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct. Trees E, W.
→ Parker (Palmyra)	2.8 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct.
Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct.
Richland	0.6 NE;RR SW	560	21 S4	80 oct. Hi-line S. No Sto. When wet
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct. Pole lines W,NW,SE. Ctr
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct. ARPT OF ENTRY NATS (Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1.
Rushville	2.5 NNE	1120	20 S1	Data unver.
Scottsville	1 N; RR W	600	10	Allway area: 1000 x 1000'.
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc. (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct. Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct. Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80,91 oct. Twr W; hill N; trees E.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct. Wooded ridge E.
(P) WATERTOWN	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY
PENNSYLVANIA				
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR N,W	392	40h R1 L5 S6	80,91 oct. Trees E,W.
Barrett (Canadensis)	1.8 N	1450	18	
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80, 91 oct.
Bloomsburg	0.8 ESE;riv S	478	32 L5 S6	80,91 oct. Pole lines SW,E.
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	25 S6	80 oct.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S6	80 oct. Pwr line E.
Daleville	0.6 N;hwy W	1775	17 S4	80 oct. Hill S. Stack SW.
Danville	2.2 SW;RR N	480	22 S3	80 oct. Hill SE.
Easton	3.5 NNW;RR W	380	22 S6	73-91 oct. Pole line N.
East Penn (Andreas)	1.5 NE;hwy S	860	18 S6	73 oct.
→ East Scranton (Scranton)	7.3 ESE;lake E			ABANDONED.
Gordon	1.8 W; RR E	960	18 S2	80 oct. Hill S.
Green Acres Beaver Meadows)	2S	1260	20 S4	80, 91 oct. Pole line ENE
→ Lehighton	0.9 WSW;hwy NW	502	18 S6	80 oct. Trees WSW.
Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	27 S6	80 oct. P-line W,SW.
Mt. Pocono, 21, BJ-LG	1.5 NW;hwy NE	1925	26h L3	Trees NE.
Mt View (Nicholson)	4.8 ENE;crk NW	1280	21 S2	80 oct. Hill SE, trees NW.
Reifenberg (Hazleton)	5.8 NNW;rd E	1146	21 S4	80 oct.
Scranton	7.2 WNW	1150	24h L3 S6	73-91 oct. Fld lgts prior req.
Selinsgrove	1.1 N;hwy E	450	25 S2	73,80 oct. Pole line E,W.
Shamokin (Elysburg)	2 SE;RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S6	80,91 oct. P-line, trees SW.
State College Air Depot	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW
Stroudsburg-E Stroudsburg (Stroudsburg)	2.5 NNE;RR S	480	22 S6	80 oct.
(P) Sunbury	2 NNE	443	35 S4	80 oct. No sto.
★ Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S2	80 oct. ENE,NE blkd. emerg
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h L3 S4	80, 91 oct. Lgts prior req or
(P) WILLIAMSPORT	5.1 E; riv S	526	43h R1 L5 S6	80,91 oct. Lgts emerg only.
NEW AIRPORTS				
Nanticoke Valley Arpk (Maine, N.Y.)	4 NNE;hwy E	975	18 S2	80 oct. Data unver.
→ Scenic Aire Park (Geneva, N.Y.)	3 S;lake E	550	27 S4	80,91 oct.
→ Valley (Sayre, Pa.)	See Blue Swan under "New Airports" - name changed.			
→ Wilkes-Barre-Scranton	10 NE;riv N	950	52h R1 L5	80,91 oct. (Wilkes-Barre, Pa)
Jersey Shore (Pa)	1.5 E	530	28 S4	Data unver. Lgts on req.
Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
Skyview Acres, (Muncy, Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct. P-line S,SE WSW
→ Grand Canyon (Wellsboro, Pa)	5.2 WSW	2000	31 S2	80 oct.
Mufflin Co (Reedsville, Pa)	2.7 N;hwy W	830	37 S4	80 oct.
Berwick (Pa)	2.2 ENE	620	22 S4	80 oct. P-line E,NE.
Centre (Berwick, Pa.)	6.5 WSW;RR N	500	25 S6	80 oct. E blkd.
Susquehanna (Pa.)	1.2 W;riv S	1000	17 S2	80 oct. Data unver.
Wallington (Sodus, N.Y.)	2.5 ESE;RR S		17 S2	80 oct. Wires S. Ctn when wet.
Carbondale-Clifford (Carbondale, Pa.)	7 NW; lks SE	1520		1 E Clifford.

SYRACUSE 53


PRESQUE ISLE 18
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
WATERTOWN VHF RANGE
WATERTOWN
CARTHAGE
SCALE OF MILES
10 0 10 20 30
CAN. N. Y.
RICHLAND
ROSS
LADD'S
BOONVILLE
UTICA 359
SYRACUSE 350
ROCHESTER 206
ROCHESTER 278
COMMERCIAL
HILTON
RIDGEWAY
WALLINGTON
FULTON
FULTON AIR PARK
RED CREEK
DEWITT
SYRACUSE
BRIGHTON
GREEN 2
PALMYRA
97
272
AUBURN
KIRKVILLE
ROME AAF
CAMASTOTA
UTICA
SMITHPORT
SYRACUSE RUN 278
COLGATE UNIVERSITY
MEACHAM-GENESEE
HONEOYE FALLS FLY SER
SCOTTSVILLE
SENECA FALLS
MASON
SCENICAIRE PARK
RUSHVILLE
DANSVILLE (W) 212
PENN YAN
DANSVILLE
BATH H'SPORT
ELMIRA 385
MERCURY
CORTLAND
CAYUGA
ITHACA
WARREN EATON
REYES-ONEONTA
HORNELL
ANGELICA
MARTINS
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
PAINTED POST
CROWNER
COMMUNITY
ELMIRA-PINE CITY
CHEMUNG CO EAGLE VALLEY
TRI-CITIES 278
CHEMUNG VALLEY
ELMIRA
N.Y. PA.
SUSQUEHANNA
GRAND CANYON
CHEMUNG SPRINGS
TOWANDA
CARBONDALE-CLIFFORD
MT. VIEW
HONESDALE
NARROWSBURG
LAKE CARey 21
SKY HAVEN
WILLIAMSPORT 375
WILKES-BARRE 272
SCRANTON
WILKES-BARRE
DALEVILLE
BARRETT
WILKES-BARRE-SCRANTON
MT POCONO
ALLENTOWN 320
LAKE SUSQUEHANNA
STROUDSBURG
JERSEY SHORE
CUB HAVEN
WILLIAMSPORT
SUNBURY VHF RANGE
SUNBURY 353
SKYVIEW ACRES
KINGSTON
MILTON
DANVILLE
SUNBURY
BERWICK
CENTRE
BLOOMSBURG
REIFENBERG
LEHIGHTON
TAMAQUA
GREEN ACRES
SHAMOKIN
EAST PENN
BELLEFONTE
STATE COLLEGE
SELINSGROVE
MIFFLIN CO
GORDON
SLATINGTON
EASTON
MARTINS CREEK
ALLENTOWN VHF RANGE
ALLENTOWN-BETHLEHEM
WASHINGTON 67
BUFFALO 51
ALBANY 55
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(R): EXTREMELY HAZARDOUS
(I): USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Adams (Mass)	1.3 SSE	1400	18	
Aero Lake & Seaplane Base (Kingston, N.Y.)	3.7SSE;RR W	220	23 S4	80 oct. Trees S.
Agawam Land & Seaplane Base (Agawam, Mass)	0.5 S;riv E	50	16 S6	80 oct.P-line SE.
ALBANY Range (N.Y.)	365(AZ)(116.1)	195°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower (N.Y.)	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany] (N.Y.)	6.9NNW;riv N	282	35h L5 S6	80,91,100 oct.ARPT OF
Amsterdam (N.Y.)	6 N;rd NW	887	18 S6	80 oct.; ltd 91 oct.Use strips only. [ENTRY.
Ansonia (Conn)	1.6 ENE	440	18 S2	80 oct.
Arlington(Poughkeepsie, N.Y.)	1.5 E;RR E	280	18 S2	80 oct.P-line NE;trees SW.
(P) Ballston Spa (N.Y.)	3 N;RR E	433	40h S4	80, 91 oct.
(P) [Barnes](Westfield, Mass)	3 NNE;RR W	268	50h L5 S6	80, 91 oct.
Bennington (Vt)	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Bethany (Conn)	1.3 N;hwy E	680	21 L2 S6	80 oct.No bcn.Lgts prior
Bowles (Agawam, Mass)	2.4 WSW;trk E	190	40 S4	80 oct.P-line S, SSE,NW,W. [req.
BRADLEY Tower (Conn)	284(126.18)		CI (ILS-W)	3105,4495; 126.18
(NG) ‡Bradley (Windsor Locks, Conn)	2.8 WNW;RR, riv E	171	50h L1 S6	Ltd 73, 100 oct.
BRAINARD Tower (Conn)	278 (118.5)		AC	(4); 126.18,122.5,118.5
(NG) [Brainard](Hartford,Conn)	2.8 SE;riv E	18	48h L5 S6	73, 100 oct.Dike N,E.
Brattleboro-Hinsdale (Hinsdale, N.H.)	2.7 NW;RR W	360	18 S4	80 oct.Landing flares on prior req.
BRIDGEPORT Range (Conn)	221 (WQ)	231°,4.0	MRLW	(4)
BRIDGEPORT Tower (Conn)	269 (118.7)		C	(4);118.7,122.5,126.18
(P) [Bridgeport] (Conn)	3.5 ESE	9	48h L5 S6	80, 91 oct.
Briggs (Carlisle, N.Y.)	0.6 SE;RR W	1320	12	
→ Brookfield (Mass)	1 W;RR SW	680	20 S6	80,91 oct. SW blkd. Rough
Canaan (Conn)	1 N;RR W	680	20 S4	80 oct.Poles WSW;S blkd.
Catskill Valley (Catskill)	1.8 SW	105	24 S3	80 oct. (N.Y.)
Christi (New City, N.Y.)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
Cliff Haven (Accord, N.Y.)	11 W;RR S	260	16 S1	80 oct.
Cooperstown (N.Y.)	1.4 NNW;RR SE	1160	16 L S4	80 oct.Poles S.Port lgts.
County Arpk.(Spring Valley, N.Y.)	1 E;RR S	420	18 S6	80 oct.NNE,NNW blkd. Trees SSE.Use strips.
Cozine (Rhinebeck, N.Y.)	0.5 SE;RR W	200	20 S1	87 oct. P-line W.
Croton Arpk.(Peekskill,N.Y)	4.8 SE;riv SW	280	13	Hill SW.
(P) [Dillant-Hopkins](Keene,N.H	2 S;riv 0.8 W	481	40h L S6	80,91 oct.Flare pots prior
Danbury (Conn)	2.5 SW;RR N	454	44h S6	80 oct.Trees ENE, SSE, WSW. [req.
Doane (Essex, Conn)	1.2 SW;RR E,N	30	19 S6	80 oct.Trees N,NW.
Duanesburg (N.Y.)	0.1 S	710	20 S2	80 oct.Bldgs E;trees W.
East Brookfield (Mass)	1 W;hwy N	640	15 S4	No fuel.
East Greenbush (N.Y.)	0.8 NW;RR W	260	43 L S6	80 oct.Port rnwy lgts.P-line N.
East Hampton (N.Y.)	2.5 W;RR S	40	25 S4	80 oct.
(A) Elizabeth (Fisher's Island, N.Y.) (A)	W end Island	7	29h	
Equinox (Manchester,Vt)	1 SE;riv E,N	700	18 S4	80,91 oct.
Fair Haven (Vt.)	1.5 NNW	370	20 S4	80 oct.
Fair View Farm (Williamstown, Mass)	4 SW;riv E	954	17 S1	80 oct.Trees NE,NNE.
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N. (N.Y.)
* Fort Plain Int,40A,CV-AZ	3 NNW;RR NE	720	35 L3	(N.Y.)
Freedom Plains (Billings)	2 W;rds N,E	340	11 S1	80 oct.Pwr line S. (N.Y.)
Fulco (Johnstown, N.Y.)	1 SE;hwy S	840	22 S4	80 oct. Data unver.
→ Gardiner (N.Y.)	0.5 S;riv W	320	25 S2	80 oct.Soft when wet.
Gardner (Mass)	2 SW;hwy N	1020	18 S4	80 oct.
GLENS FALLS MH fac.(N.Y)	206(GB)(116.1)		MHTV	(4); 116.1
[Glens Falls] (N.Y.)	2.6 NW;rd S	474	36h S6	80 oct.
Glove City(Gloversville,N.Y)	1.5 NE;RR S	860	17 S1	80 oct.
Great Barrington (Mass)	2 WSW;riv N	726	27 S6	80,91 oct.Obsts sur fld.
Halcott(Halcott City,N.Y)	1 N		10 S1	80 oct. Data unver.
Hammonasset (Madison)	2 E;hwy N	15	12 S1	80 oct. (Conn)
HARTFORD Range (Conn) (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3); 116.1
Hartness(Springfield, Vt)	3.8 NNW;riv E	570	20 S6	80 oct.
Hayduck (Herkimer, N.Y.)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
→ Hiller (Barre Plains,Mass)	2 SW;riv W	589	34 S4	80 oct.
Huguenot (Port Jervis,N.Y)	3.3 NE;RR SE	480	21 S6	80 oct. Trees SW.
Intercity(Schenectady,N.Y)	3.6 SSE;RR NE	340	20 S4	80 oct.
Island (Shelton, Conn)	1.8 SE;on isl.	8	15 S1	80 oct.Trees SE.Soft.
Jewett (Jonesville, N.Y.)	0.5 NE	340	22 S2	80 oct.
Keene Arpk. (N.H.)	3 NW;RR W	500	21	CLOSED.
Kingston (N.Y.)	1.5 NW;RR S	150	17	CLOSED. P-line NW.
(P) Kingston-Ulster (N.Y.)	2.7 N;RR E	160	30 S4	80,91 oct. P-line E.
Kinsley (Somers, Conn)	2.5 NNW;hwy E	200	19	Emerg.use.Trees W,SW,
Kline-Kill (Ghent, N.Y.)	2 NNW;riv W	380	18	Lgt acft only.N blkd ESE.
La Fleur (Northampton)	1.2 ENE;riv N	120	26 S4	80 oct.Riv SW. (Mass)
→ LEBANON MH Fac. (N.H.)	209(LP)(116.1)		MHT	(4);116.1 Manned 7-23.
(P) Lebanon (N.H.)	3.3 WSW	579	40h L5 S6	80,91 oct. Lgts prior req.
Lime Ridge (Beekman,N.Y)	1.3 SE;RR S	420	16 L2 S6	80 oct.All lgts prior req.
Livingston Manor (N.Y.)	0.8 SE;RR SW	1440	19 S3	80 oct.
Long Meadow (Rexford,N.Y)	1.5 NE;RR N,W	380	20 S1	80 oct.E,NNE blkd. RR S.
Lufbery (Wallingford,Conn)	0.6 WSW;RR E	80	22 S6	80 oct. Trees S.
→ Mahopac (N.Y.)	1 NNW;lk E	685	20 S4	80, 91 oct.
Margaretville-Fleischmanns (Margaretville,N.Y)	0.4 SW;riv NW	1310	19 S1	80,91 oct.P-line NE.
Matamoras (Pa)	0.5 SSE;jct of rivs N	450	18h L4 S6	80 oct.No bcn.Lgts prior req.
Mattituck (N.Y.)	0.8 ESE;bay S	30	25 S6	80,91 oct. Poles N.
MERIDEN Tower (Conn)	278		CI	3105,4495 (days)
Meriden (Conn)	2.7 SW;RR E	102	35 L3 S6	80 oct.S blkd.P-lines SE.
Metropolitan (Palmer,Mass)	5 N;riv W	400	19 S6	80 oct. Hill N.
Middlebury (Vt)	2.5 SE;hwy W	440	17 S4	80 oct.
Milford (Conn)	1.5 SSW;RR NW	10	20 S1	80 oct.
Miller (Nyack, N.Y.)	1.8 WNW;riv E	70	17 S6	80 oct.P-line SW.
Millerton (N.Y.)	1.5 N;RR W	1000	13 S1	80 oct.Trees N
Monroe (Conn)	0.7 SSE; rd E	620	20 S4	80 oct.Rd W.Trees S.
Montgomery (N.Y.)	1 WSW;riv W	393	22 S6	80 oct.Trees N;brush E.
(A) " U.S. Mil.Acad.#1 (A)	2 SW	355	35h	CLOSED. (N.Y.)
Monticello-Sullivan Co.(N.Y)	1.4 S;RR E	1500	27 L S4	80,91 oct.Port rnwy lgts.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct.Obsts sur fld.
NEW HACKENSACK Range (N.Y.)	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4); 116.1 (N.Y.)
(P) New Hackensack (N.Y.)	0.5 W	166	35h	Obsts NE.
[New Haven] (Conn)	3.5 SSE;hwy N	4	42h S6	80, 91 oct.
New Paltz (N.Y.)	0.8 W;RR E	190	20 S1	80 oct.
(P) Orange (Mass)	1.5 SE;hwy SE	555	50h S2	80 oct. Poles NE.
Parlin (Newport, N.H.)	2 NNW;riv SW	780	20 S4	80 oct.NNE,ESE,SSW blkd.
→ Pilgrim (Hatfield,Mass)	3.4 N;riv .5 E	126	22	E,SE,W blkd,Emerg only.
Piseco (N.Y.)	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush
Pittsfield,3B,AZ-BW (Mass)	2.4 WSW;hwy NW	1160	27 L3 S4	80,91 oct.P-line NW. [NNE.
Plateau (Northville,N.Y.)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S. Rough.
Post Mills (Thetford,Vt)	4.7 NNW;lk NE	700	25 S2	80 oct.
Prattsville (N.Y.)	1.5 SE. riv W	1200	15 S1	80 oct.Mtns sur fld.
QUABBIN Army H Fac. (Westover)(Mass)	317 (D)	59°,8.5	FMHW	(Cont.)
Ramapo Valley(Mahwah,N.J.)	1.2 NW;riv SE	280	19 S1	80 oct.
Randall's (Middletown,N.Y)	1.8 ESE;RR NW	520	20 S2	80,91 oct.
Ravena (N.Y.)	1.2 N;riv 2 E	180	14 S1	80 oct.Lgt acft only.
RENTSCHLER Tower (Conn)	254 (126.18)		CI	(3); 126.18
Rentschler (East Hartford, Conn)	1 N	45	58h L5 S6	80,91,100 oct P-line SE, SSE.
Rockland (New City, N.Y.)	1 SSE;RR E	240	14	Trees W;hwy E. (NC)
(P) [Rutland] (Vt)	5.8 SSE;crk W	784	40h L3 S6	80 oct. All lgts prior req.
Sacandaga Park (Northville)	1 SW;RR W	770	13 S1	80 oct.P-line WSW. (N.Y.)
Salem (Conn)	2.1 E;lk NNE	400	21 L S6	80,91 oct.Trees S.Port lgts
(P) Schenectady Co. (N.Y.)	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schoharie Co.(Richmondville, N.Y.)	1.3 NE;RR N	1000	16 S1	80 oct. Trees E.
Schuylerville, Land & Seaplane Base (N.Y.)	2.5 S;riv E	100	29 S1	80 oct. Trees N, S.
Selkirk (N.Y.)	2.7 E;hwy E	160	22	P-line E;trees S.
Silver Ranch(E Jaffrey,N.H)	1 E; lk 1 SE	1020	17 S1	80 oct.Trees SE,NW.
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct.Trees SE.
Sky Haven (Delanson, N.Y.)	0.9 NW;RR SE	1100	17 S2	80 oct.ESE,W blkd.
Somers (N.Y.)	0.6 SE;RR E,S	563	20 S4	80 oct.
Southbridge (Mass)	1.7 N	700	27 S1	80 oct. Trees W, N.
Springfield (Mass)	2.3 NE;RR S	205	26 S6	80,91 oct. Bldgs W.
Stanton's Newburgh Cub Port (Newburgh, N.Y.)	5.3 NW;RR S	520	12 S2	80 oct. Trees S.
Starhaven (Middletown,N.Y)	1.3 NW;RR N	750	29	Trees SW,SE,NW,RR SW.
Steenburgh Avia Svc.	1.5 ENE;RR N	900	8 S1	80 oct.(Gloversville,N.Y.)
Stephenson (Bristol, Conn)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Stevens (North Adams,Mass)	2.8 WSW;RR N	690	12	Emerg. use only.
→ STEWART Army Range (N.Y)	335 (DMU)	125°,2.5	MRLW	
STEWART Tower (N.Y.)	396 (126.18)		CA	(3); 126.18 (7-23)
(A) Stewart (Newburgh,N.Y.)(A)	4 NW;hwy N	474	60h L5 S6	100 oct. JP-1.
Stone Arabia (Ft.Plains,N.Y)	3.6 ENE;hwy E	880	18	P-line NNW.
Stormville (N.Y.)	1 ENE;RR S	350	23 S4	80 oct.Trees NE
Suffolk(Westhampton Beach)	3.6 N	90	43 S6	80 oct.Pwr line N. (N.Y.)
Suffolk Co. (Westhampton Beach, N.Y.)	2.6 N	69	50h	
Sussex (N.J.)	1.2 WSW;RR S	420	25 S6	80 oct.200' knoll NNE.
* Ticonderoga Int,22,LG-UL	2.7 NNE;rd E	210	32 L3 S1	80 oct.Obsts sur fld.(N.Y.)
→ Troy (N.Y.)	2 SSE;lk N	325	30 L4 S6	80,91 oct.ENE,W blkd.
Trumbull (Groton, Conn)	2.8 SE;RR W	10	50h S4	80 oct,
Turners Falls (Montague, Mass)	4.2 N;riv NW	350	32 L S6	80,91 oct.Obsts sur fld. Floodlgts prior req. [req.
Twin State(White River Jct,Vt)	1 SW;RR,riv E	540	19h L S6	80,91 oct.Port rnwy lgts on
Valley Air Park (Middleburg, N.Y.)	1.5 NNW	635	20 S4	Data unver.
Vaughan (Johnstown, N.Y.)	1 E;hwy W	760	18	Use in emerg only.
(A) Wallkill, U.S. Mil.Academy #2 (N.Y.) (A)	3 NW;riv E	340	35h	CLOSED.
Wappingers Falls (N.Y.)	0.9 SE;rd S	152	21 S4	80 oct.P-line E,W,S.
[Warren Co.](Glens Falls, N.Y.)	2.4 NNE;rd N	325	40h L5 S1	80, 91 oct.
Warwick-Wickham (N.Y.)	4.5 NE;RR W	540	24 S4	80 oct. Ridge N.
Waterbury (Plymouth,Conn)	2.6 S;RR E,W	843	20 S6	80 oct. Trees N, S.
Waterford (Conn)	1.7 N;RR SSE	60	20 S6	80 oct. Trees, hill S.
Watertown (Conn)	2.2 S;lk N	660	19 L S4	80 oct.Port rnwy lgts on req
Westchester(Armonk,N.Y.)	0.5 SSE	380	23 S6	80, 91 oct.
WESTCHESTER CO.Tower	260(118.9)		C	(4);118.9,122.5 (N.Y.)
(P) Westchester Co.(White Plains, N.Y.)	4 NE;lk W	435	50h L5 S6	80,91 oct. P-line SSW
WESTFIELD Range (Barnes) (Mass)	230(WJ)(116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
West Haven (Conn)	2.7 SW;hwy E	15	18 S4	80 oct.Trees NE.W blkd.
WESTOVER Army Range	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower (Mass)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18 (Appch cont.)
(A) Westover (Chicopee Falls, Mass) (A)	3.8 NNE;riv W	244	73h (L6) S6	73,100 oct.JP-1 Fuel
West Springfield (Mass)	2.2 WNW;riv E	50	18 S1	80 oct.
White (Bedford, N.Y.)(NC)	3.6 SE;hwy E	475	12	
→ Winchester Arpk.(N.H.)	1.2 N;riv S,W	460	24 S1	80 oct. Riv N.
Windham (Conn)	3.5 NNW;RR S	238	44h S1	80 oct.Trees NE,ENE.
Wingdale (N.Y.)	1.5 NE;RR W	400	25 S4	80 oct. Rough.
Wurtsboro (N.Y.)	2 NE;RR E,SE	560	31 S6	80 oct. Obsts sur fld.

INSTRUMENT LANDING SYSTEMS (*Localizer, Glide Path in mcs. Compass Locator in kcs*)

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ·····(0.79) OM- — — (3.38)
				MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ·····(0.72) OM- — — (4.42)
				MMK- 201 — — —	OMK-219 — — —
BRADLEY	110.3	335	58°	IM-	MM- · — · (0.66) OM-
				MMK-	OMK-
			IM-	MM-	OM-
				MMK-	OMK-

NEW FACILITIES

Southington (Conn)	3.5 NNE;RR W	200	21 S4	80 oct.
Claremont (N.H.)	1.3 W;riv NE	520	28h S6	80,91 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. ‡ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

PRESQUE ISLE 18
TICONDEROGA
MIDDLEBURY
POST MILLS
TWIN STATE
On request GLENS FALLS 206 (116.1)
On request LEBANON 209 (116.1)
FAIR HAVEN
RUTLAND
LEBANON
NEWPORT
PISECO
D.A.
WARREN CO.
GLENS FALLS
HUDSON FALLS
HARTNESS
CLAREMONT
SACANDAGA PARK
CORINTH
MOREAU
PLATEAU
STEENBURGH
BALLSTON SPA
GLOVE CITY
AMSTERDAM
SARATOGA SPRINGS
EQUINOX
VAUGHAN
LONG MEADOW
SCHUYLERVILLE
HAYDUK
FULCO
SCHENECTADY CO.
JEWETT
KEENE
FORT PLAIN
ALBANY 365 (116.1)
BENNINGTON
DILLANT-HOPKINS
STONE ARABIA
WINCHESTER
STEVENS
BRATTLEBORO-HINSDALE
SILVER RANCH
SKY HAVEN
BRIGGS
INTERCITY
COOPERSTOWN
COLONIE
TROY
FAIR VIEW FARM
GARDNER
SCHOHARIE CO.
ALBANY 278 KC. 118.3 MC.
ADAMS
TURNERS FALLS
ORANGE
DUANESBURG
VALLEY AIRPK.
EAST GREENBUSH
SELKIRK
RAVENA
WESTOVER AAF 272
QUABBIN (W) 317
PITTSFIELD
FARLYS
KLINE-KILL
PILGRIM
LAFLEUR
HILLER
WESTOVER AAF 396 (126.18)
PRATTSVILLE
GREAT BARRINGTON
BARNES
HALCOTT
CATSKILL VALLEY
WESTFIELD 230 (116.1)
METROPOLITAN
SOUTHBRIDGE
MARGARETVILLE-FLEISCHMANNS
SPRINGFIELD
W. SPRINGFIELD
KINGSTON-ULSTER
COZINE
CONN.
CANAAN
BRADLEY 284 KC. 126.18 MC.
BOWLES
KINSLEY
MILLERTON
KINGSTON
AGAWAM
WOODSTOCK
LIVINGSTON MANOR
WALLKILL NO. 2
AERO LAKE
CLIFF HAVEN
ARLINGTON
NEW HACKENSACK
SIMSBURY
SOUTHINGTON
WEATOGUE
RENTSCHLER 254 (126.18)
NEWBURGH-WALDEN
GARDINER
NEW PALTZ
FREEDOM PLAINS
STEPHENSON
HARTFORD 329 (116.1)
WINDHAM
STEWART AAF (W) 335
WAPPINGERS FALLS
WINGDALE
RED 13
WATERBURY
MONTICELLO
MONTGOMERY
LIME RIDGE
STANTON'S
WURTSBORO
STORMVILLE
WATERTOWN
MERIDEN 18
BRAINARD 278 KC. 118.5 MC.
SALEM
MONTGOMERY NO. 1
NEW HACKENSACK 236 (116.1)
BETHANY
BROOKFIELD
LUFBERY
MERIDEN 278
STARHAVEN
HUGUENOT
RANDALL'S
DANBURY
MONROE
ANSONIA
DOANE
WATERFORD
MATAMORAS
STEWART AAF 396 (126.18)
MAHOPAC
SOMERS
ISLAND
HAMMONASSET
TRUMBULL
SUSSEX
WARWICK-WICKHAM
CROTON
NEW HAVEN
WEST HAVEN
ELIZABETH AAF
COUNTY AIRPK.
WESTCHESTER
MILFORD
BRANCHVILLE
CHRISTIE
LA GUARDIA 209
N.Y. 3 D.A.
RAMAPO VALLEY
BRIDGEPORT (W) 221
BRIDGEPORT 269 KC. 118.7 MC.
ALLENTOWN 320
LA GUARDIA 209
MILLER
NEWARK 341
PORT CHESTER
NEW YORK 71
MITCHELL AAF 227
MATTITUCK
EAST HAMPTON
SUFFOLK
SUFFOLK CO
WESTCHESTER CO. 260 KC. 118.9 MC.
TO UTICA
TO ELMIRA
SYRACUSE 53
TO WILKES-BARRE
TO LAKE CAREY
TO CONCORD
BOSTON 57
BOSTON
NEW YORK
VT. N. H. MASS.
N.Y. VT.
N.Y. MASS.
N.Y. N.J.
VT. N.H.
BLUE 18
BLUE 40
BLUE 41
GREEN 2
GREEN 5
RED 11
RED 23
RED 33
NORTHFIELD
MONTPELIER
BURLINGTON
AUPIESVILLE
75°
74°30'
74°
73°30'
73°
72°
44°
43°30'
43°
42°30'
42°
41°
72°48'
72°30'
4000
5000
6000
7000
3000
2000
1000
122
84
166
64
72
149
207
239
55
30
59
329
303
244
143
27
293
118
263
144
63
129
240
51
238
222
324
248
231
135
64
58
94
158
258
272
193
208
15
30
24
21
14
40
25
87
60
45
38
86
81
37
27
18
9
6
4
3
2
1
0
Z
R
W
X
Y
A
B
C
D
E
F
G
H
J
K
L
M
N
P
Q
S
T
U
V

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ames (Brocton, Mass)	3 WSW;hwy W	120	20 S6	80 oct. SSE, WSW blkd.
Auburn (Mass)	2 SW;RR W,E	700	15 S1	80 oct. Lgt acft only.
(A)Ayer (Mass)	1.5 NW;riv W	268	52h S4	ARMY TEMP INACT-CIVIL FACS.
BEDFORD Army H Fac. (Mass)	522(BED)!		MH	Oper. cont.
BEDFORD Tower (AAF)(Mass)	212(126.18,137.88)		CA	(3); 126 18,137.88
(A)Bedford AAF (Mass) (A)	1 S	128	50h L5 S6	73,100 oct. JP-1.
Biddeford (Me)	2 SSW;RR NW	110	22 S2	P-line SE 80 oct.
Boire (Nashua, N.H.)	2.8 WNW;RR NE	185	20h L3 S4	80,91 oct. Lgts prior req.
Bolton (Clinton, Mass)	2.3 NE;RR W	400	17 S6	80 oct. Trees | P-line S around fld. RR S.
BOSTON Range (Mass)(Logan)	263(BW)(116.1)	238°,1.4	SBRAZ-DTV	(3); 116.1
Boston-Metropolitan(Canton,Mass)	1 W;riv W	50	21 S6	80 oct. Trees NW.
Brocton (Mass)	2 S;hwy E	128	22 S6	80 oct. Poles E,W,N.
Cape Ann Airways (Essex,Mass)	0.9 NNW;riv E,SE	20	14 S1	80 oct.
Cape Cod (W.Barnstable, Mass)	3.1 SW;lake SW	100	21 S2	80 oct.
CHARLESTOWN NAAS Twr (R.I.)	269 (142.74)		CN	3105;142.74(0700-1800)
(N)Charlestown NAAS (R.I.) (N)	1.6 SW;hwy N	32	58h (L5) S1	91, 100 oct. No bcn.
Chatham (Mass)	1.7 WNW;lake E	66	14 S4	80 oct. P-line NW.
Clark (Hanover, Mass)	2.6 WSW;riv S	74	24 S6	80 oct. NE,NNE blkd.
CONCORD Range (N.H.)	251 (CN)(116.1)	332°,1.9	BMRLZ-DTV	(4); 116.1
(P)[Concord] (N.H.)	1.5 E	346	40h L5 S6	80, 91 oct.
Conway Valley (Conway, N.H.)	0.6 WNW;RR NNE	460	26 S5	80,91 oct. Poles SW.
Country Club (Wareham,Mass)	1.3 E;riv S	25	17 S4	80 oct. P-line,trees N.(NC)
De Florez (Woodstock, Conn)	2.4 SSE;hwy W	450	19 S4	80 oct. Trees N.
Douglas (Brunswick, Me)	3.5 W;RR SE	170	16 S2	80 oct.
Eastham (Mass)	1.2 NW;hwy E	50	20 S4	80 oct. FEE. Rnwy data unv Smudge pots prior req.
Fitchburg (Mass)	2.5 SE;bet RRs	334	45h S6	80 oct. Knolls, dike S.
Franklin Airways Inc. (N.H.)	1.5 SSW;riv E	370	20	Emerg. use.
Franklin-Norfolk (Norfolk,Mass)	2.5 WNW;RR SSE	140	20 S6	80 oct. P-line S. RR NW.
Gate City (Nashua, N.H.)	4 SSE;riv E	120	23 S6	80 oct.
(P)Goodall (Sanford, Me)	4 SE;hwy N	243	60h L5 S6	91 oct. Lgts prior req.
Grafton (North Grafton, Mass)	0.7 SSW;riv N	450	30 S6	80 oct. Wooded hill S.
GREENE Tower (R.I.)	278 (118.9)		AC	(4); 118.9,122.5
[Greene] (Providence, R.I.)	7 S;RR W	53	41h L5 S6	80,91,100 oct.
→GRENIER Army Range (Manchester, N.H.)	338 (DUR)	352°,4.0	SBMRAZ	(3)
GRENIER Tower (N.H.)	278 (126.18)		CA (ILS)	(3); 126.18
(A)Grenier (Manchester, N.H.)(A)	4 S; RR E	230	70h L5 S6	73, 91, 100 oct.
Groton (Mass)	4.6 WNW;RR W	280	28 S6	80 oct.
Hampton (N.Hampton, N.H.)	1.6 N;RR W	80	20 L S6	80 oct. Port floodlgts on req
Haverhill (Mass)	2 NNE;lake S	125	16 S6	80 oct. Stack,trees SSW. P-
→Hilltop (West Buxton, Me)	0.8 WSW;hwy E	300	20 L S4	80 oct. Obst & flare | line NW lgts on req. P-line ESE.
Hooksett Land & Seaplane (N.H.)	2 S;riv E	187	32 S6	80 oct.
[Hyannis] (Mass)	1.2 N;RR E	56	39h L5 S6	80,91 oct. Lgts prior req.
Kennebunk (Me)	1.6 SW	50	16 S1	80 oct.
King (Taunton, Mass)	4.5 ESE;RR N	45	26 S6	80 oct. P-line NNE.
(P)Laconia (N.H.)	3.8 NNE;lk 1 NNE	536	36h L5 S6	80,91 oct. Lgts prior req.
Lafayette (Portsmouth, N.H.)	3 SSW;hwy S	71	23 S1	80 oct. Trees sur fld.
Lakes Region (Wolfeboro, N.H.)	2.6 W;RR E	580	14	CLOSED.
(P)[Lawrence] (Mass)	2.5 ENE;riv W	155	40h L5 S6	80,91 oct. Trees NE,SSE.
Leicester (Mass)	2 N	1140	15h S4	80 oct. Reservoir SE.
LOGAN Tower (Mass)	278 (118.7,126.18, 118.1)		AC	(4); 122.5,126.18,118.1, 118.7
(NG)[Logan] (Boston, Mass)	1.5 E in harbor	12	70h (L6) S6	80,91,100 oct. Rdo rqrd. FEE Ltd 80,100 oct, min. rprs for
Mansfield (Mass)	2 SSE;RR NE	124	25 S2	80 oct. P-line NE, NW. | NG
Marlboro (Mass)	2.4 E;hwy N	265	16 S4	80 oct. WNW blkd.
(N)[Martha's Vineyard](Vineyard →Haven, Mass)	4.3 S;rd S	68	38h L5 S4	80,91 oct. Obsts SE side,. TMP INACT NO NAVY FACS.
Mendon (Mass)	0.3 S;lake W	450	18 S4	80 oct. P- line N, NW.
Merrymeeting(Bowdoinham,Me)	1 SSE;riv E	60	14 S1	80 oct. Trees SSE,NNW.
Mineral Spgs (Providence, R.I.)	4.6 NW;hwy E	240	11 S4	73 oct. Trees sur fld.
Myricks (Berkley, Mass)	3 E;RR SW	65	20 S6	80 oct. SSW blkd.
[Nantucket] (Mass)	2.6 SE;rd N	47	40h L S6	80,91 oct. Port lgts.
↘Newport Arpk. (R.I.)	3.5 NNE	150	24 S6	80,91 oct. P-line NNE.
(P)New Bedford (Mass)	2.5 NNW;RR W	78	50h L5 S4	80,91 oct. Lgts prior req.
Norwood (Mass)	1.8 E;riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs (Mass)	0.8 SW;road W	20	20	Avail. emerg. only.
(N)Otis OLF (Falmouth, Mass)(N)	9 NNE	126	70h	INACTIVE.
Plainfield (Conn)	1.5 SSW;RR NW	160	20 S6	73,87 oct.
Plum Island (Newburyport,Mass)	2.3 SE;riv N	15	24 L1 S6	80 oct. P-line E.
Plymouth (Mass)	2 SSE	149	25	Data unver.
Plymouth Mun. Arpk (N.H.)	3.5 WNW;riv S	506	18 S2	80 oct. P-line N.
(N)Plymouth OLF (Mass) (N)	4.5 SW	140	28	
PORTLAND Range (Me)	206 (PW)(116.1)	149°,2.2	BMRLZ-DTV	(4); 116.1
(P)[Portland] (Me)	2 W;riv E	60	43h L5 S6	80, 91 oct.
(P)[Portsmouth] (N.H.)	3 W	71	50h L5 S6	80,91,100 oct.
Port of Maine (So. Portland, Me)	1.8 SSW;RR E	40	26 S6	80 oct. Trees NNW.
PROVIDENCE Range (Greene)(R.I.)	347(PR)(116.1)	47°, 3.2	BMRLZ-DTV	(3); 116.1
PROVIDENCE Range (R.I.)	108.7 (PR)		VARW	
Providence (Seekonk, Mass)	2.1 ESE	25	17 S4	80 oct. P-line N.
↘Provincetown Land. Fld (Mass)	2 WNW	5	17 S4	Fuel. Lgt planes only. Data unver
*Putnam Int,14,LG-BW (Conn)	1.7 WSW;RR 1.4 E			ABANDONED.
QUONSET POINT Navy Range (Providence, R.I.)	356 (NCO)	339°, 2.2	BMRLZ	3105; 142.74
QUONSET POINT NAS Tower (R.I.)	227(142.74,126.18)		CN (GCA)	(3); 142.74,140.58,126.18
(N)Quonset Point NAS (Providence)	16.5 S	14	60h L5 S6	91, 100 oct. NATS. (R.I.)
Revere (Mass)	1 N	20	21h L S6	80,91 oct. Fee for port lgts.
Richardson (Dracut, Mass)	2 NNW of Lowell	115	21 S4	80 oct. P-line ENE. | Data unv
Riconn (Greene, R.I.)	1.8 WNW;RR S	390	20 S6	80 oct. Rnwy data unver.
Riverside Arpk. (Brunswick,Me)	1 WNW;riv E	60	20 S1	80 oct. Trees SSW,NNE.
Riverside (Ashland, N.H.)	4 NNW;riv W	470	20 S4	80 oct.
Scarboro (Me)	2 W;RR SSE	20	25 S2	80 oct.
Shawsheen Pines (Billerica,Mass)	2.7 E;RR NE	110	24h S6	80,91 oct. Rnwy data unver. Trees NE,E,SE.
Sherman Memorial(Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct. Trees sur fld. P-line
Smithfield (R.I.)	1 NE;RR W	400	17 S6	80 oct. Flares on req. | NE
SOUTH WEYMOUTH NAF Tower	3295 (142.74)		CN	(3);142.74(8-1630 Mon-Fri)
(N)South Weymouth NAF (Mass) (N)	1.5 SSE;RR W	152	41 L3 S1	100 oct. Trees NNE,WSW,
Spencer (Mass)	3.5 NNE	1040	17 S6	80 oct. | WNW.
SQUANTUM Navy Range (Mass)	233 (NZW)	321°,3.7	BMRLZ	(3); 142.74 flight opers.
SQUANTUM NAS Tower (Mass)	323 (142.74)		CN (GCA)	3105,4495;142.74(8-30 min.
(N)Squantum NAS (Mass) (N)	4.3 SSE;bay N	10	41h L5 S6	100 oct. No | before sunset. night flying.
Stonington (Conn)	1 NE;RR S	5	18 S6	80 oct. Lgt acft only. Rdo
Stover (Freeport, Me)	3.5 NNW	180	11 S1	80 oct. | rprs.
Wayside (Sommersworth,N.H.)	2.4 W;hwy E	212	15 S2	80,91 oct. ESE blkd.
Webster (Nashua, N.H.)	3.8 NNW;riv E	195	25 S6	80,91 oct. ENE,NNW blkd.
Westboro (Mass)	1.9 WNW;hwy N	310	13 S6	80 oct.
Westerly (R.I.)	2.4 SSE; riv E	81	40h	
Wilkins (No. Attleboro, Mass)	2 NE;lake NW	200	18 S6	80,91 oct. P-line NW. Trees
Woonsocket (R.I.)	2.5 E;riv WSW	400	20 S2	80 oct. | sur fld.
[Worcester] (Mass)	3.5 W;hwy N	1009	55h	Emerg. use only.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→GRENIER (A)	110.3	332.6	352°	IM- (0.03)	MM- •••••• (0.71)	OM- — — (5.00)
					MMK- 201 •—•	OMK- 219 •——
				IM-	MM-	OM-
					MMK-	OMK-

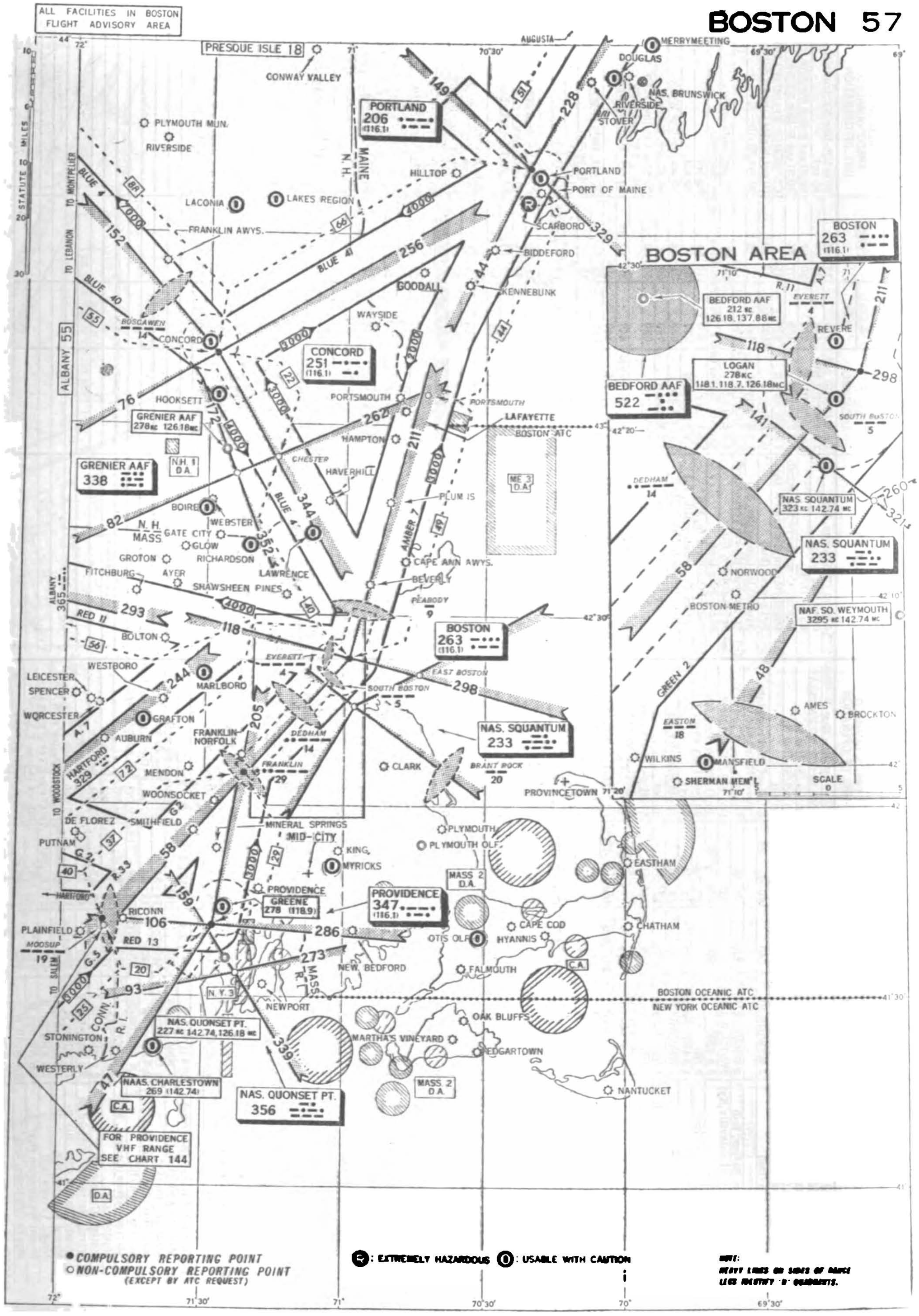
NEW FACILITIES

Beverly (Mass)	3 NW;lake E	108	50h L1 S6	80,91 oct. Bcn on req.
(N)Brunswick NAS (Me) (N)	1.5 SE;RR N	77	60h	CLOSED.
Edgartown (Mass)	2 S;rds E,NW	20	30 S4	80 oct. P-line E.
→Falmouth (Mass)	2.5 NE	40	18	Emerg only-not maintained.
→Mid-City (N.Brighton,Mass)	3 S	20	15 S4	Fuel N,S strip 1500'. Data unver.

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII)
→New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

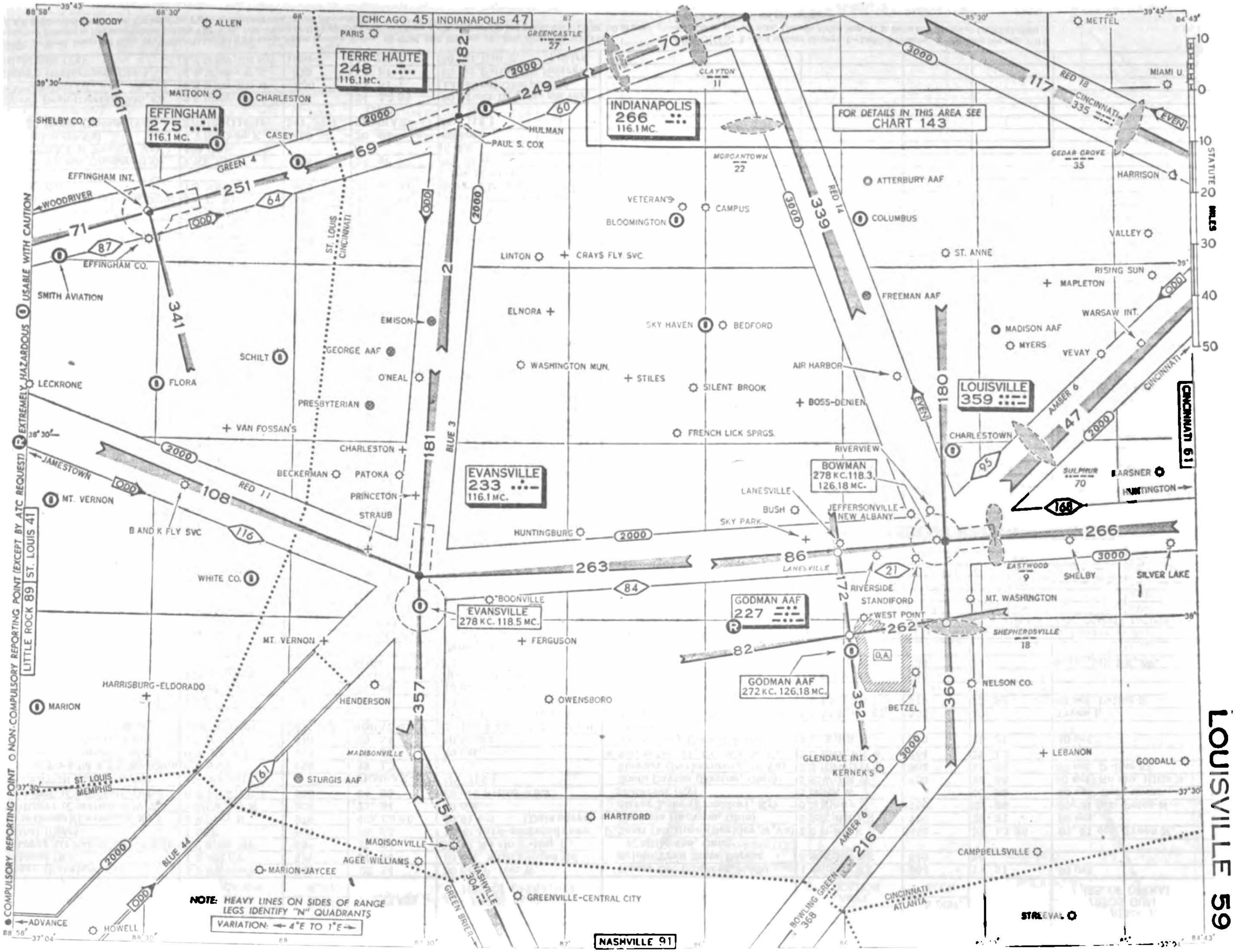
BOSTON 57


ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
PORTLAND 206 (116.1)
AUGUSTA
MERRYMEETING
DOUGLAS
NAS. BRUNSWICK
RIVERSIDE
STOVER
PLYMOUTH MUN.
RIVERSIDE
HILLTOP
PORTLAND
PORT OF MAINE
LACONIA
LAKES REGION
FRANKLIN AWYS.
SCARBORO
BOSTON 263 (116.1)
BOSTON AREA
BIDDEFORD
GOODALL
KENNEBUNK
BEDFORD AAF 212 126.18, 137.88
EVERETT
REVERE
WAYSIDE
CONCORD 251 (116.1)
CONCORD
BOSCAWEN
LOGAN 278 118.1, 118.7, 126.18
BEDFORD AAF 522
HOOKSETT
PORTSMOUTH
LAFAYETTE
BOSTON ATC
SOUTH BOSTON
GRENIER AAF 278 126.18
HAMPTON
GRENIER AAF 338
N.H. 1 D.A.
CHESTER
HAVERHILL
ME. 3 D.A.
PLUM IS
NAS. SQUANTUM 323 142.74
DEDHAM
BOIRE
WEBSTER
GATE CITY
GLOW
RICHARDSON
CAPE ANN AWYS.
NAS. SQUANTUM 233
NORWOOD
GROTON
AYER
FITCHBURG
LAWRENCE
SHAWSHEEN PINES
BEVERLY
PEABODY
BOSTON METRO
NAF. SO. WEYMOUTH 3295 142.74
BOLTON
BOSTON 263 (116.1)
EVERETT
WESTBORO
LEICESTER
SPENCER
MARLBORO
EAST BOSTON
SOUTH BOSTON
NAS. SQUANTUM 233
WORCESTER
GRAFTON
AUBURN
FRANKLIN NORFOLK
DEDHAM
EASTON
AMES
BROCKTON
WILKINS
MANSFIELD
SHERMAN MEM'L
MENDON
FRANKLIN
CLARK
BRANT ROCK
WOONSOCKET
PROVINCETOWN
SCALE
SMITHFIELD
DE FLOREZ
MINERAL SPRINGS
MID-CITY
PLYMOUTH
PLYMOUTH GLF
PUTNAM
KING
MYRICKS
EASTHAM
MASS 2 D.A.
PROVIDENCE
GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
RICONN 106
CAPE COD
CHATHAM
PLAINFIELD
OTIS OLF
HYANNIS
FALMOUTH
NEW BEDFORD
NEWPORT
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
OAK BLUFFS
NAS. QUONSET PT. 227 142.74, 126.18
MARTHA'S VINEYARD
EDGARTOWN
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
NANTUCKET
FOR PROVIDENCE VHF RANGE SEE CHART 144
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
: EXTREMELY HAZARDOUS
: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF BLACK LEGS INDICATE "B" BOUNDARYS.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR .8 N	665	20 S6	80 oct. P-line N,E. W blkd.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT.NO FACS.(A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts. Trees N,Soft when wet
Boss-Denien (Salem, Ind)	3 WNW;RR NE	730	24 S6	80 oct.P-line S. Trees W.
BOWMAN Tower (Louisville,Ky) [Bowman] (Ky)	278(126.18,118.3) 5.5 ESE	546	AC 44h L5 S6	(4); 122.5,126.18,118.3 80,91 oct.No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct.Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-
(P) Columbus (Ind)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct.No line N,E,W.
EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1 bcn,no flood.
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct. Lgts on req
* Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3	P-line E,SE.On req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind) [Evansville] (Ind)	278 (118.5) 4.5 NNE;bet RRs	383	C 60h L5 S6	(4); 118.5, 122.5 80,91,100 oct.Twr W.Fld lgts on req.No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
Harrison (Ohio)	2 ESE;hwy .5 SW	580	26 L1 S6	80 oct.P-line S.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct.All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
→ INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3);116.1,122.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct.Poles SW.
Lawrenceburg (Ind)	See Valley under "New Facilities" - name changed.			
Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct.P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Der
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N.NE rick NW blkd.
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips. strips.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct.P-line N,NE, onl Use
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct.P-line N,W.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct.Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct.P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct.N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct.P-line NE;trees N.
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.5 NNW;RR E	740	30 S1	80,91 oct.Poles SW,S,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S4	80,91 oct.P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St.Francisv'l,Ill)
Pri nceton (Ind)	0.8 E;hwy N	502	18 S2	80 oct.Water tank SW,Wires NW.
Riverside (Louisville, Ky)	7.5 SW;riv W	446	27 S4	80 oct.Hi-line E,
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
→ Schilt (Olney, Ill)	1.5 E;RR S		30 S6	80 oct. Data unver.
Scottsburg (Ind)	See Air Harbor under "New Facilities" - name changed.			
Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct.Hi-line W,SW.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE,S. 80'hill W end WSW rnwy.
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE;poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver.
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct.P-line E,NW,SE.Data unver
→ Veteran's (Bloomington, Ind)	2.5 W; RR N	890	26 S1	80 oct.Poles W.
Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct.Tree NE corner.Data unver
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4.3 NNW	450	30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
NEW FACILITIES				
Agee Wms.Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct.Pwrline W,SW
Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct.P-line NNE,NE.NE/
Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct.P-line SW,W,NW SW
Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE strip
West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct. rough
Crays Fly. Serv.(Bloomfield,Ind)	4 W		18	Data unver.
Sky Park (Corydon,Ind.)	1.5 NW	650	32 S1	80 oct.Wires E.Data unver.
Riverview (Utica, Ind)	2.8 SW;riv S;hwy N	447	27 S6	80 oct.
Lanesville (Ind)	2 SW hwy N	650	17 S4	80 oct.W blkd.
Rising Sun (Ind.)	0.5 N	580	22 S1	80 oct.Wires W.Data unver.
Air Harbor (Scottsburg,Ind.)	1.5 W;hwys N,E	570	25 S4	80 oct.
Valley (Lawrenceburg,Ind.)	1 WSW;riv S	485	20 S4	80 oct.Hills NNE,W/NW.
Betzel (Lebanon,Ky)	1.6 NNW;RR E	445	20	Trees N,S
Patoka (Ind)	1.5 W;lake N,E	500	22 S1	80 oct. P-line S,SE
Nelson Co. (Bardstown,Ky)	4.2 W;hwy S	650	21 S6	80 oct.Hedge NW,SSE.
Hartford (Ky)	0.3 S;hwy N	405	25 S2	80 oct.P-line N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHICAGO 45 INDIANAPOLIS 47
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 143
EVANSVILLE 233 116.1 MC.
EVANSVILLE 278 KC. 118.5 MC.
BOWMAN 278 KC. 118.3, 126.18 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
LOUISVILLE 359
CINCINNATI 61
NASHVILLE 91
LOUISVILLE 59
MOODY
ALLEN
PARIS
GREENCASTLE 27
METTEL
MIAMI U.
MATTOON
CHARLESTON
SHELBY CO.
CASEY
HULMAN
PAUL S. COX
CLAYTON 11
MORGANTOWN 22
CINCINNATI 335
CEDAR GROVE 35
HARRISON
ATTERBURY AAF
COLUMBUS
VETERANS
CAMPUS
BLOOMINGTON
VALLEY
ST. ANNE
RISING SUN
MAPLETON
FREEMAN AAF
WARSAW INT.
MADISON AAF
MYERS
VEVAY
EFFINGHAM INT.
WOODRIVER
EFFINGHAM CO.
SMITH AVIATION
LINTON
CRAYS FLY SVC.
ELNORA
SKY HAVEN
BEDFORD
EMISON
SCHILT
GEORGE AAF
O'NEAL
LECKRONE
FLORA
WASHINGTON MUN.
STILES
SILENT BROOK
AIR HARBOR
BOSS-DENIEN
PRESBYTERIAN
VAN FOSSAN'S
FRENCH LICK SPRGS.
RIVERVIEW
CHARLESTOWN
SULPHUR 70
LARSNER
HUNTINGTON
JAMESTOWN
MT. VERNON
BECKERMAN
PATOKA
PRINCETON
STRAUB
CHARLESTON
B AND K FLY SVC
LANESVILLE
BUSH
JEFFERSONVILLE
NEW ALBANY
SKY PARK
HUNTINGBURG
WHITE CO.
BOONVILLE
RIVERSIDE
STANDIFORD
WEST POINT
EASTWOOD 9
SHELBY
SILVER LAKE
MT. WASHINGTON
SHEPHERDSVILLE 18
FERGUSON
MT. VERNON
HARRISBURG-ELDORADO
MARION
HENDERSON
OWENSBORO
BETZEL
NELSON CO.
GLENDALE INT.
KERNEK'S
LEBANON
GOODALL
MADISONVILLE
STURGIS AAF
HARTFORD
AGEE WILLIAMS
MARION-JAYCEE
GREENVILLE-CENTRAL CITY
CAMPBELLSVILLE
ADVANCE
HOWELL
STRAVEL
ST. LOUIS CINCINNATI
ST. LOUIS MEMPHIS
CINCINNATI ATLANTA
BOWLING GREEN 368
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 1°E
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
USABLE WITH CAUTION
EXTREMELY HAZARDOUS (EXCEPT BY ATC REQUEST)
STATUTE MILES

CINCINNATI

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy.
→ [Blue Grass](Lexington,Ky.)	6 W;hwy N	978	40h L5 S6	80,91 oct. Data unver.
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW.
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
* Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1.DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE	860	29 S6	80 oct. (Ohio) NE blkd.P-
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E. line N.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi end Rnwy 22(8-1630, Mon.-Fri.or on 30 min.not.
→ CLINTON CO.Tower (Ohio)	272 (126.18, 137.88)		CA (ILS-W) (GCA)	(3);126.18,137.7
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.IP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(126.18,118.5)		AC (ILS)	(4);126.18,118.5,122.5 Call:
(P) [Greater Cincinnati](Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) Kenton Twr.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Harrison (Ohio)	2 ESE;hwy,5 SW	580	26 L1 S6	80 oct.P-line S
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E. 80 oct.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116 1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford, Ohio)	2 SE;RR 1 W	670	20 S6	80 oct.No sto.P-line N,S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E.
Lancaster (Ohio)	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto.(Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) [Lunken](Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	73,91,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	616	27 S4	80 oct.House NE,bridge NW
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct.
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S.
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4): 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct.Lgtg fac not ver.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE.Rdo re-
Richlands (Va)	2.7 WSW;RR NW	1950	18 S6	80 oct.Hill E. pairs.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Roane Co. (Spencer,W,Va)	1 SE;hwy NE	954	17 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct. P-line SE.
* Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski (Ohio)	1 SSW;RR NW	705	22	Trees,hill NE,SW.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

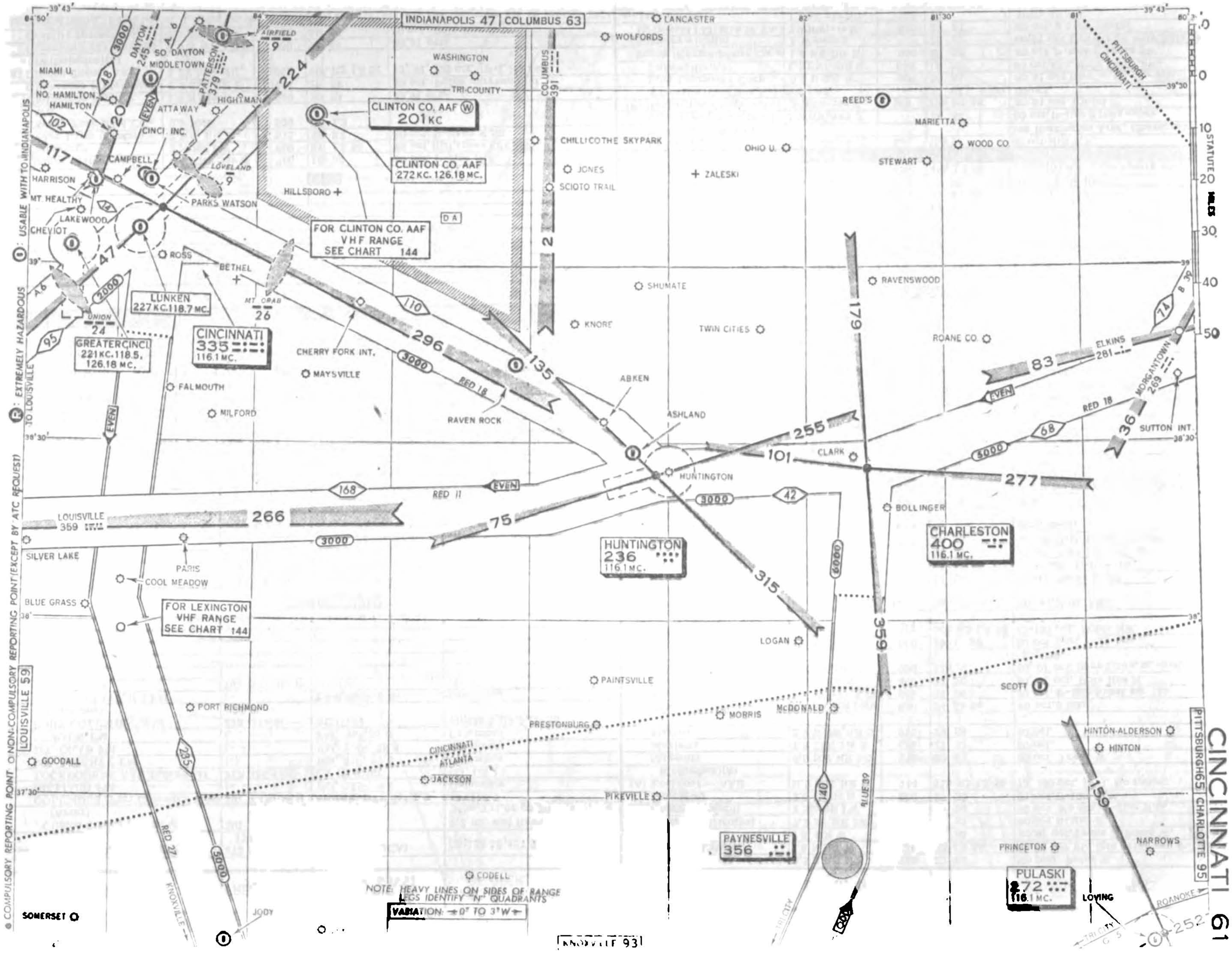
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- •—•—(0.6)	OM- — — (4.3)
					MMK- 206 •••—	OMK- 215•—•—
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.
Port Richmond (Richmond,Ky)	4.6 E;hwy S	975	18 S1	80 oct.
Ross (Melbourne,Ky)	1.4 ESE;riv NE	475	20 S2	80 oct.P-line SE.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin
(P) [Wood](Parkersburg,W.Va.)	7 NE;hwy NE	835	45h L5 S6	80,91,100 oct.Lgts emerg only.
Jackson (Ky)	1.3 SE;riv NE	750	12	Hills SE,NW.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


INDIANAPOLIS 47 | COLUMBUS 63
CINCINNATI 61
CLINTON CO. AAF (W) 201 KC
CLINTON CO. AAF 272 KC. 126.18 MC.
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
LUNKEN 227 KC. 118.7 MC.
CINCINNATI 335 116.1 MC.
GREATER CINCI. 221 KC. 118.5, 126.18 MC.
HUNTINGTON 236 116.1 MC.
CHARLESTON 400 116.1 MC.
PAYNESVILLE 356
PULASKI 372 116.1 MC.
FOR LEXINGTON VHF RANGE SEE CHART 144
LOUISVILLE 359
WASHINGTON
TRI-COUNTY
LANCASTER
WOLFORDS
REED'S
MARIETTA
WOOD CO.
STEWART
OHIO U.
CHILLICOTHE SKYPARK
JONES
SCIOTO TRAIL
ZALESKI
HILLSBORO
SHUMATE
KNORE
TWIN CITIES
RAVENSWOOD
ROANE CO.
ELKINS 281
MORGANTOWN 269
SUTTON INT.
CLARK
BOLLINGER
LOGAN
PAINTSVILLE
SCOTT
MORRIS
McDONALD
PRESTONBURG
HINTON-ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
ROANOKE
TRI-CITY
PITTSBURGH 65 | CHARLOTTE 95
JACKSON
PIKEVILLE
CINCINNATI ATLANTA
PORT RICHMOND
GOODALL
SILVER LAKE
BLUE GRASS
PARIS
COOL MEADOW
SOMERSET
JODY
CODELL
MILFORD
FALMOUTH
MAYSVILLE
CHERRY FORK INT.
RAVEN ROCK
ABKEN
ASHLAND
HUNTINGTON
SO. DAYTON
MIDDLETOWN
DAYTON 245
PATTERSON 379
AIRFIELD 9
MIAMI U.
NO. HAMILTON
HAMILTON
ATTAWAY
HIGHTMAN
CINCI. INC.
CAMPBELL
LOVELAND 9
HARRISON
MT. HEALTHY
PARKS WATSON
LAKEWOOD
CHEVIOT
ROSS
BETHEL
MT. ORAB 26
UNION 24
D A
COLUMBUS 391
PITTSBURGH CINCINNATI
STATUTE MILES
USABLE WITH TO INDIANAPOLIS
EXTREMELY HAZARDOUS
TO LOUISVILLE
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4° TO 3°W
KNOXVILLE 93
3000
5000
6000
RED 18
RED 11
RED 27
EVEN
ODD
A6
B 36
39°43'
39°30'
39°
38°30'
38°
37°30'
84°50'
84°
82°
81°30'
81°
80°30'

OHIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 137.88)	CA(ILS-W)(GCA)	(3);126.18,137.7
Clinton County (Wilmington) (Army)	201	MHW	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBRAZ-DTV,84°,1.9	(3);116.1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
[redacted]			
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV,75°, 2.3	(4);116.1
PAYNESVILLE	356 (IR)	H	(6-23) Oper by PCA

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK-
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)	OM- --(4.29)
					MMK-	OMK-
PORT COLUMBUS	109.5		95°	IM-	MM- ·-·-(0.65)	OM- --(4.50)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE;riv W	780	18 S2	80 oct. P-line N,E.
Cambridge	2 N;RR 1 W	800	27 L3 S6	80 oct.Hill,trees ESE,SSW.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
Clickenger (Columbus)	6.2 SSE,RR E	748	26 S2	80 oct. Poles surround fld.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N ;riv 1.5 E	800	29 S6	80,91 oct.
Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L5 S6	80,91 oct. Fld lgts prior req.P-line E, SE,SW.
Grove City	1 S, RR W	860	21 S6	80,91 oct.Trees E.Poles W.
Jones (Chillicothe)	7.2 SE,RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford)	2 SE;RR 1 W	670	20 S6	80 oct. No sto. P-line N,S.
Lancaster	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S2	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR 1 NW	880	24 L3 S4	80 oct,S blkd.
(P) New Philadelphia	2.5 SE;riv .5 SW	885	36 S6	80 oct. P-line &obst sur fld
Norton (Columbus)	6.5 E,RR N	800	22 S6	80, 91 oct. Pole line N.
(P) Ohio State University (Columbus)	8 NNW,riv E	900	22h S4	80, 91 oct. Serv 8:30 a.m.-5:30 p.m. 'til Sept 30.
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) PORT COLUMBUS-NAS (Columbus)	7 E, RR S	817	50h R3 L6 S6	80-100 oct. Poles NW.
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	25 S2	80 oct.N,NE blkd.
Price (Columbus)	6 SE	760	22 S6	80 oct. Poles S, SE.
Raven Rock (Portsmouth)	3.5 WSW;riv SE	538	24 L3 S6	80,91 oct. P-line NW.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S6	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
Sullivant Ave.(Columbus)	6 WSW,RR NW	860	34 S6	80,91 oct. Pole line S.Rnwy data unver.
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W;hwy E	1220	19	Emerg only.
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E. NE,W blocked.
Zaleski	1 SSW,RR NW	705	22	(NC)Trees,hill NE,SW
(P) Zanesville	6.2 E;hwy 1 N	902	50h R1 L5	Fld lgts prior req.
[redacted]				
Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
Roane Co. (Spencer)	1 SE,hwy NE	954	17 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N, RR E	2440	33 L1 S6	80, 91 oct. Trees N.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct. Pole line SE.
(P) WOOD CO.(Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW.riv E	630	15h S1	80 oct.Hill S,N.
Huntington (W.Va.)				See Huntington Arpt. Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake)	2 WSW;riv S	560	29h R1 S6	80,91 oct (Ohio)
Pikeville (Coal Run,Ky)	0.8 ESE		22 S1	80 oct.
Port Lancaster Corp.	0.8 N;RR W	800	28 S1	80,91 oct.Hwy w.Hooker,Ohio)
Paintsville,Ky)	2.3 ENE;RR E	630	16 S2	80 oct.Ctn.Mtns NE,W,SW.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin
→ Jackson (Ky)	1.3 SE;riv NE	750	12	Hills SE,NW.
Prestonburg (Ky)	2.7 N;RR W	575	18 S2	80 oct.P-line S.Mtns all sides.

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
E: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

CLEVELAND 49
CEDAR LAWN
MARION
+YOSS
MT LIBERTY
WYNKOOP
CLEVELAND CINCINNATI
COLUMBUS 391 (116.1)
GRIMES
OHIO STATE U
SPRINGFIELD
CRABILL
SPRINGFIELD
CLICKENGER
GROVE CITY
SULLIVANT AVE
NORTON
NEWARK
SNOOR
SUNDY SPA
COMMERCE
BRIGGS
RIVERSIDE
ZANESVILLE 263 (116.1) On request
ZANESVILLE
CAMBRIDGE
NEW PHILADELPHIA
MAGNOLIA
CLEVELAND PITTSBURGH
PITTSBURGH CINCINNATI
LOCKBOURNE AAB 317 426 18
PORT COLUMBUS-NAS 270 (118.5) 126.1R
PORT LANCASTER
LANCASTER
CROOKSVILLE
WASHINGTON
TRI-COUNTY
CLINTON CO. AAF 201
CLINTON CO AAF 282 (126.1R)
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
CHILLICOTHE SKYPARK
JONES
REED'S
MARIETTA
WOOD CO
STEINAPT
OHIO U
CINCINNATI 61 (INDIANAPOLIS 47)
CHERRY FORK
SHUMATE
RAVENSWOOD
RAVEN ROCK
MAYSVILLE
OHIO KY
ROANE CO
ASHLAND
HUNTINGTON
CLARK
CHARLESTON 400 (118.1)
BOLLINGER
HUNTINGTON 236 (116.1)
LOGAN
PARINTSVILLE
W VA
MORRIS
McDONALD
SCOTT
PRESTONBURG
CINCINNATI ATLANTA
PINEVILLE
PAYNESVILLE 356
PRINCETON
CINCINNATI 61
PITTSBURGH 65
to Ft-Worth

PITTSBURGH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa)	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
→ Altoona (Duncansville, Pa)	1 SW;RR .5 W	1050	44h L4 S6	73 oct.
Augusta (Waynesboro, Va)	6 WSW;riv SE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;hwy S	1200	38h S6	80, 91 oct.
Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L4 S2	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	(Cont.) Pittsburgh
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	4 SSW;hwy E	1250	34h S2	80, 91 oct.
Covington (Va)	1 E;reservoir E	1500	18 S6	80 oct.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct.Mtns SW.Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1
(P) [Elkins] (W.Va)	2.6 S;RR W	1988	45h L5 S4	80,91 oct. No sto.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
Glendale (W.Va)	0.5 WSW;bet. RR & riv	640	29 S6	80 oct.Trees N,S.P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct.
→ Greenbrier (White Sulphur Springs,W. Va.)	2 SW	1795	35h S4	80,91 oct.
(P) Greene Co.(Waynesburg,Pa)	2.7 E	1100	30 S6	80,91 oct.Obst sur fld.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1200	17 S4	80 oct.S,NW blkd.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct. Rnwy data unver.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h L5 S6	80,91 oct. No flood lgts
→ Keystone (Ebensburg, Pa)	3 SW;hwy E	2100	23 S4	80 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
→ Leechburg (Pa)	1.6 SE;RR SE	960	26 S6	80,91 oct.SE blkd.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	996	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston Glenn)	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	BMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	900	18 S6	80 oct. House NE,E blkd.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1256	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
→ Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;reservoir N	1280	19 L1 S6	80 oct.Twr W.Trees E.
Pitt-Wilkins (Pitcairn,Pa)	1 N	1200	23 S4	80 oct. S blkd.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
Ronceverte (W.Va)	2 N;hwy SE	2175	18 S2	80 oct.
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio)*(NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
→ Star Valley Arpk (Charleroi,Pa)	3 SE;riv E,RR W	765	25 S1	80 oct.Bldg S.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct. P-line E.
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;RR W	1264	32 L3	
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22 S1	80 oct.Trees SSE.
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE. data unver.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW	1000	24 S1	80 oct.P-line NW,SE,W blkd.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE; riv 2 W	1193	50h L5 S4.	80,91 oct. Lgts prior req.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
				MMK-201 ·—·—·(0.80)		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel,Data unver.
WHEELING Range(W.VA)	108.3(WN)		VARW	
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt.S.Trees WSW,N,ENE
New Market-Timberv'l	3.4 E;RR E	975	21 S1	80 oct (Timberville,Va)
Luray (Va)	1.5 S;hwy W	900	19 S1	80 oct.Fence NNE,SSW
Elkton (Va)	3 NW;mtn W	1100	19 S1	80,91 oct P-line SW
Culpeper (Va)	1 SW;quarry W	400	17 S6	80 oct P-line NE,SW
Mt Pleasant-Scottdale (Mt. Pleasant,Pa.)	2.8 S;dam NNE	1160	18 S6	80 oct.Trees SE.
→ E. Pittsburg (Pa.)	10 ESE;lake SW	1150	21 S6	80 oct.Trees NE
→ Thompson (Monongahela,Pa)	5 E	1240	20 S2	80 oct.NE,SW blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

BUFFALO 51

PITTSBURGH 65

NOTE: HEAVY LINES ON SIDES OF BLANK LEGS IDENTIFY 4 QUADRANTS.

PITTSBURGH 254 (116.1)
CECIL 219
ALLEGHENY CO. 278 (118.7, 126.18)
GREATER PITT. AAF 396 (126.18)
COLUMBUS 391
FOR WHEELING VHF RANGE SEE CHART 144
MORGANTOWN 269 (116.1)
ALTOONA 338 (116.1)
MARTINSBURG 209 (116.1)
ELKINS 281 (116.1)
FRONT ROYAL 359 (116.1)
GORDONSVILLE 388 (116.1)
LYNCHBURG 206 (116.1)
CHARLESTON 400
PRESTON GLENN 248 KC

HERRON, HOOKSTOWN, TORONTO, WEIRTON, MAYER, WELLSBURG, WHEELING-OHIO CO., GLENDALE, GREEN CO., MORGANTOWN, PITT.-WILKINS, NEW ALEXANDRIA, E. PITTSBURGH, PITT.-BETTIS, HARRISON CITY, MT. PLEASANT, ALLEGHENY VALLEY, LEECHBURG, VANDERGRIFT, HAMILTON, TYRONE SPDWY., KEYSTONE, CRESSON, SUMMERHILL, ALTOONA, NORTH ALTOONA, HUNTINGDON, MT. UNION, LATROBE, JOHNSTOWN, SALIX, GREEN 4, BLAIR CO., PITT.-GREENSBURG, BEDFORD, SOMERSET, MT. PLEASANT-SCOTTSDALE, STAR VALLEY, CONNELLSVILLE, FLINTSTONE, CUMBERLAND, MEXICO FARMS, MD., VA., W. VA., PA., FORMAN, PITTSBURGH-WASHINGTON, ELK GARDEN, BAKER, ROMNEY, RIDGEWAY, WINCHESTER, MOOREFIELD, BENEDUM, LOUIS BENNETT, LEWIS, ELKINS, PETERSBURG, STOKES, SUTTON, NEW MARKET-TIMBERVILLE, LURAY, SHENANDOAH, CULPEPER, HARTMAN, ELKTON, ORANGE CO., GORDONSVILLE, MARLINTON, STAUNTON, WAYNESBORO, AUGUSTA, VALLEY, UNIV. OF VIRGINIA, INGALLS, COVINGTON-CLIFTON FORGE, COVINGTON, LEXINGTON, RONCEVERTE, GREENBRIER AAF, HINTON, NARROWS, TIMBERLAKE, JAMES RIVER, GREEN 5, CINCINNATI-WASHINGTON, CINCINNATI-ATLANTA, PITTSBURGH-CINCINNATI, CLEVELAND-AKRON, TO MERCER, TO LISBON, TO HERNDON, TO DOWNCASTER, TO RICHMOND, TO REMINGTON, TO CHARLESTON, WASHINGTON 67, COLUMBUS 63, CHARLOTTE 95, NORFOLK 97

RED 20, RED 21, RED 17, RED 18, RED 19, BLUE 2, BLUE 39, BLUE 47, GREEN 4, GREEN 5

128, 265, 203, 101, 281, 216, 304, 23, 140, 36, 83, 174, 320, 270, 94, 26, 354, 135, 66, 234, 165, 169, 243, 90

4000, 3000, 5000, 6000, 7000

65, 63, 69, 38, 42, 37, 43, 74, 73, 55, 47, 41, 68, 52, 30, 18, 20, 22, 25, 10, 32, 344, 362, 305, 391, 219, 254, 269, 209, 281, 338, 388, 206, 400, 277, 371, 248

MILES 10 0 10 20 30
STATUTE
TO NEWARK

81° 79°30' 79° 78°30' 40°40' 40°30' 40° 39°30' 39° 38°30' 38° 37°30' 37° 37°20' 80°30' 78°

WASHINGTON

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
Aberdeen Arpk (Md)	0.8 SW;hwy SE	60	24 S4	80 oct.
Aldino (Churchville, Md)	2.2 NE;RR SE	400	20 S6	80 oct.
Alexandria (Pittstown,N.J)	2 WNW;lk NE	340	18 S4	80 oct.Trees ENE.
[Allentown-Bethlehem] (Allentown, Pa)	4.6 NNE;RR NW	392	40h L5 S6	80,91 oct. Use rnwys only. Fld lgts prior req.
ANNAPOLIS NAF (Seaplane) Tower (Md)	2870(142.74)		CN	3105,2870,6420; 142.74 (8-17)
Annapolis (Md)	2 S	25	18 S4	80,91 oct.P-line SSW. Twr
ARCOLA Range (Va)	233(EC)(116.1)		SRAZ-DV	(3); 116.1 SSE.
→ BALTIMORE Range (Md)	257(BO)(116.1)	15°,2.4	SBMRLZ-DTV	(3); 116.1. 122.1
BALTIMORE Tower (Md)	278(118.9,126.18)		C	(4);118.9,122.5,126.18
(NG) [Baltimore Mun.] (Md)	6 SE;RR NE Harbor S	14	46h L5 S6	Ltd 100 oct,no maint.for NG.Rdo rqrd.Stacks N,SE
Bellanca (New Castle,Del)	1.5 W;hwy N	30	25h L3 S6	80.91 oct.No bndry lgts. P-line SW.
Berks (Reading, Pa)	4.5 NW;hwy SW	360	23 S4	80,91 oct.Hill NW.
→ Bethlehem-Easton (Easton, Pa)	4.5 SW;riv S	360	27 S6	80 oct,P-line sur fld.
Biggs (New Castle,Del)	1 NW;RR E	60	19 S6	80 oct. P-line NE.
Blackwood (N.J.)	0.5 ESE;hwy W	65	26 S4	80 oct.P-line N. N/S unable emerg.
Blue Ridge (Herndon,Va)	4 WSW;hwy NE	280	30	P-line E.
BRANDYWINE Range (Md)	379(BDW)(116.1)		SMRLZ-DV	(3); 116.1
Bridgeville (Dela)	1.7 SE;hwy S,W	40	22 S6	80 oct. P-line NW.
Buck's (Bridgeton, N.J.)	3.7 NNE;RR SE	100	20 S4	80 oct. P-line S,W.
BYRD Tower (Richmond,Va)	396 (126.18,118.7)		AC (ILS-W)	(4); 122.5,118.7,126.18
(A) [Byrd] (Richmond, Va)	7.3 ESE;RR S	167	50h L5 S4	73, 100 oct.
CAP (Westminster, Md)	2.6 N;hwy E	780	20 S4	80 oct. P-line E,NE.
Cargill(Granville,Pa)	1.5 SW;RR SE	490	20 S6	80 oct. Obsts sur fld.
Carlisle (Pa)	1.8 WSW;RR N	480	23 S2	80 oct.
← Centerville (Carlisle, Pa)	11.3 SW;RR N	660	23	Trees N, NE, (NC)
Central (Richmond, Va)	2.5 ENE;RR W	172	45 S6	80 oct,Poles WNW,SE.
Chambersburg (Pa)	1.2 SSE;RR SW	650	22 S6	80 oct.E/W strip rough.
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105, 4495; 142.74 (Va)
CHINCOTEAGUE NAAS Twr	3295 (142.74)		CN	(3); 142.74 (8-17) (Va)
(N) Chincoteague NAAS (Va)(N)	4.5 WNW;hwy S	38	60h L5 S4	100 oct.
Coatesville (Pa)	1.6 W;RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown, Pa)	3 SSW	399	40h	
Currell's (Weems, Va)	1 N;jct of rivs		17 S1	80 oct.P-line SE.Use strips only. Data unver.
DAHLGREN NAF Tower (Va)	375 (142.74)		CN	(3); 142.74 (8-16 except Sun)
(N) Dahlgren NAF Proving Grounds (Va) (N)	0.5 E	20	40h L5 S2	100 oct. CLOSED.
Davis (Gaithersburg, Md)	7.5 NNE;hwy E	640	26 S6	80,91 oct.Trees ESE.
Delmarvia (Salisbury, Md)	2.8 NE;hwy W	45	21 S6	80 oct,P-line N,E,NE.
→ Devener (Hanover, Pa)	2 NNE;hwy W	590	20 S6	80,91 oct.
De Vries (Lewes, Del)	1.3 NW;bay N	10	20	
Diffendahl (Baltimore, Md)	11 ESE;riv S	20	23 S2	80 oct. Trees all appchs.
Dixie (Annapolis, Md)	10.7 W;hwy N	120	22 S4	80 oct. Hwy N,W.
← Doersom (Gettysburg,Pa)	2.4 NW;RR N	590	19 S6	80 oct. Trees SW.
Dover Arpk (Del)	2.2 N;RR W	37	25 L S6	80,91 oct.Port floodlgts. P-line W, SW.
(A) Dover AAF (Del) (A)	4 SE;hwy E	28	70h L1	TMP INACT.
DUPONT Tower (Del)	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont (Wilmington, Del)	3 WNW;RR E	185	29 L4 S6	80,91 oct. SW blkd.
(P) Easton (Md)	2.2 N;RR E	66	40h L S4	80 oct. Port lgts.
(A) Edgewood Arsenal (Md) (A)	1.3 S	18	50h L5 S4	91,100 oct.CLOSED.No bcn
← Emmaus (Pa)	1.3 W	435	19 S2	80 oct. N blkd.
Estler (Mohrsville, Pa)	3.5 W;pond W	390	22 S6	Ltd 80 oct. Trees W.
Faybrook (Rock Hall, Md)	1.5 NNW;bay W	20	14 S1	80 oct. Trees WNW,NNE.
→ Fogelsville (Pa)	0.7 E;RR SE	460	15 S4	80 oct. ESE.
Frederick City (Frederick)	1.8 E;riv E,N	305	49	(Md)
Gettysburg (Pa)	2.8 NNW	600	24 S3	80 oct. RR SW.
Gill (Chestertown, Md)	1.5 NNE;RR W	60	32 S2	80 oct.P-lines W,SW;NW blkd
Glenburnie-Whipp (Md)	1 E;hwy W	56	30 S6	80 oct. P-lines sur fld.
Greenwich (N.J.)	2.5 W;riv SW	30	21 S6	80 oct. Trees N.
Grimes (Bethel, Pa)	1.7 ENE;hwy S	582	29 S6	80,91 oct.Mtn NE.
Hagerstown (Md)	4.2 N;hwy E	700	39h L3 S6	80,91 oct.Lgts on req.
Harcum (Va) (NC)	0.2 NW	85	40	Poles.Rnwy data unver.
Harrington (Del)	1.5 E;RR 1 S	50	27 S1	80 oct. P-lines SE,SW,W,
Hermitage (Richmond,Va)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles WNW. E, W.
HARRISBURG Range (Pa)	242 (HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower (Pa)	278(118.7)		AC	(4); 118.7, 122.5
(N) [Harrisburg State] (Pa)	3.5 S;RR N	344	40h L5 S4	80,91 oct.Svcg days NATS.
Hershey (Pa)	1.1 NNW;RR S	415	21 S2	80, 91 oct.
Hickman (Ocean City, Md)	7.5 NW;riv S	15	25 S4	80,91 oct. Flares on req.
Holly Brook (Laurel, Del)	1.5 N;RR,hwy W	40	25 S1	80 oct.
Hummel (Greys Point,Va)	3 NE Harmony	30	21	Obsts sur fld. (NC)
Johnson (Ononcock,Va)	1 ESE;RR E	35	22 S1	80 oct.
Kellam (Weirwood, Va)	0.3 SW;RR E	15	21 S4	80 oct. Trees NW
Kent (Worton, Md)	1 N; RR S	60	23 S2	80 oct.
Kroelinger (Vineland, N.J.)	2.5 NNW;RR E	100	16 S6	80 oct. P-line S, E.
Kutztown (Pa)	1.5 S;RR SE	400	25 S4	73 oct. blkd.
→ Lancaster (Pa)	1.5 NNW;RR SW	320	28 S6	80,91 oct.ENE,NE,WSW
Lancaster,35,CO-PG (Pa)	5.5 N;hwy W	385	27h L4 S4	80 oct. Poles S, WSW.
Laurel (Dela)	1.5 SW;hwy E	30	19 S2	80,91 oct. P-line SE.
Layfield (New Hanover,Pa)	2 NE;hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct. (Pa)
Lee Annapolis (Annapolis, Md)	4.8 WSW;hwy E	30	28 S1	73,91 oct P-line ESE Rnwy data unver.
Leesburg Arpk. (Va)	0.7 ESE;hwy S	280	20	P-lines NE.
Lewistown (Pa)	4 SW;riv SE	560	20 S6	80 oct P-line NW.
* Lively Int,6,NW-WA (Va)	3.4 WSW;riv W	15	34 L3	35' trees, bldgs NW.
Lovett (Elkton, Md)	3.1 NNE;RR 1 SE	140	22 S4	80 oct
→ Madeira (Reading, Pa)	3.2 N;RR W	360	21 S6	80 oct Trees W.
Manassas (Va)	2.7 NW;RR S	250	22 S6	80 oct Obst sur fld.
MARTIN Tower (Md)	317		CI	(4) (8-sunset,Mon -Fri)
Martin (Baltimore, Md)	10 E;RR N	18	70h	PRIVATE.
(P) Martinsburg (W.Va)	4 S;hwy W	550	50h L5 S6	80, 91, 100 oct.No flood
Mattaponi Sky Club(Croom)	1.6 SE;hwy 1 W	30	31 S1	80 oct. (Md) lgts.
(P) Melfa Flight Strip (Va)	1.3 W	48	70h	
Midway (Showell, Md)	1.1 SE;hwys W,S	20	30 L S4	80 oct P-line SSW Flare pots on req
Midway (Chester, Va)	2 E;hwy S	178	26 S6	80 oct. P-line W
Millard (Annville, Pa)	1.5 SW	480	18h S5	80, 91 oct.
MILLVILLE Range (N.J.)	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville (N.J.)	3.3 SW;lk N	68	50h L5 S6	80,91 oct.Flood lgts on req.
(P) Mount Union (Pa)	4 S;hwy E	560	30 S6	80, 91 oct. E blkd.
MT. VERNON H Fac. (Va)	269 (W)	209°,8.2	FMHW	(Cont.) Washington, D.C
NEW CASTLE Range (Del)	350 (NC)	19°,2.8	MRLZ	Replies on tower freq. except on req.
NEW CASTLE Tower (Del)	219 (118.5, 126.18)		CI	(4); 118.5, 122.5, 126.18
(NG) New Castle County (New Castle,Del.)	4.8 SW;hwy SE	75	70h L5 S6	80,91 oct.;73,100 oct.NG. Emerg.rprs mil.acft
New Hanover (Pa)	0.5 W;hwy SE	300	18 S2	80 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct.P-line S (W.Va)
Northfield (Richmond,Va)	6.5 N;riv NE	180	18 S4	80 oct.
OLMSTED Tower (Pa)	396 (126.18)+		CA - :45.05	(4); 126.18
(A) Olmsted (Middletown,Pa) (A)	1 W;RR N	300	50h L5 S6	62-100 oct JP-1.Poles NE,N. Riv S.
Paoli-Malvern Arpk (Malvern, Pa)	1.3 SSE	460	24 S4	80 oct Trees NE,SE,SW.
Parksley (Va)	0.6 WNW	25	18 S4	80 oct.
Parnell (Richmond, Va)	4 S;RR E,W	120	19 S6	80,91 oct.P-line NW.
PATUXENT RIVER Navy Range (Md)	215(NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER NAS Tower (Md)	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent River NAS (Md)	2.9 NE Jarboes	38	97h (L6) S4	91,100 oct. JP-1 NATS.(N)
Penn-Harris(Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct.Flood lgts.(Pa)
Penns Grove (N.J.)	3 SE;lk ENE	10	23 S4	80 oct. Obsts sur fld.
PHILADELPHIA Range (Southwest) (Pa)	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli, Pa)	2.8 WNW;hwy S	310	21 S4	No fuel P-line ESE
PHILLIPS Tower (Md)	215 (126.18)		CA	(3);126.18(8-18,Mon -Fri) (8-1630,Sat , and Sun.)
(A) Phillips (Aberdeen,Md) (A)	3.2 S;RR W	57	50h L5 S1	73,100 oct. CLOSED.
Phoenixville (Pa)	3 NE	300	24 S4	Data unver.
→ Pimlico (Baltimore,Md)	6 NW	449	32 S6	80, 91 oct E blkd.
(N) Piney Point (Md)	0.8 WNW	10	14h	Use rnwys only.
Pottstown (Pa)	4.5 E;hwy N	311	30 S6	80 oct. Bldg NW.
QUANTICO Navy Range (Va)	203 (NYG)	20°,4.6	MRLZ	3105,4495 (MCAS)
(A) [Reading] (Pa)	3 NW;riv E	342	52h L6 S6	80,91 oct.Ltd maint,100 oct Army B-2 lgts prior req.
Rehoboth Aircrafters (Rehoboth Beach,Dela)	2.5 W;hwy N	10	35 L S6	80,91 oct.Port lgts on req. P-lines WNW,E,W.
Red Lion (St.Georges,Del)	3.2 N;hwy W	50	19 S4	80 oct.
Reigel (Campbelltown,Pa)	1 N;hwy N	475	20 S4	80 oct.
Reynolds (Culpeper, Va)	4 NNE;rd W	470	19 S4	80 oct.Trees NNE,SSW
RICHMOND Range (Byrd)	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1 (Va)
Rock Hall (Md)	2.4 NNE;hwy W	30	30 S4	80 oct.
Rutherford (Baltimore,Md)	7 W;RR W	500	23 S6	80 oct. Twr N.
Salem (N.J.)	2 ESE;rd S	15	22	CLOSED.
Salisbury (Md)	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Schuylkill (Pottsville,Pa)	8.3 ESE;lk SE	510	29 L S6	80 oct.Port rnwy lgts.Hills E, NE, SW.
Seabrook (Bridgeton,N.J.)	4.5 NE;RR W	110	24 S1	80 oct.P-line W, WSW.
Shady Side (Md) (NC)	1.8 SSW	10	15 S4	80 oct. SSW blkd
Shannon (Fredericksburg, Va)	1.6 SSE;riv E	50	23 S6	80 oct
Sky View Acres (Muncy, Pa)	1 E	510	24 S4	Data unver.
Stevens (Frederick, Md)	5.8 N;hwy E	440	28 S6	80 oct. NE blkd.
Stowe-Pottstown (Pottstown, Pa)	1.7 NW	245	26 S6	80 oct. P-line S.
Sunset Airways (Chambersburg, Pa)	3.5 NNE;RR NNW	650	24 S4	80 oct. P-line E,NNW.
Sussex (Frankford,Del)	1.5 N;hwy W	30	20 S4	80 oct.Port flares on req.
(P) Sussex Co.(Georgetown, Del)	1.5 E;RR NW	51	50h L5 S1	80,91 oct.Lgts prior req.
Swatara Valley (Pine Grove, Pa)	4 WSW;RR N	480	21 S4	80 oct.
Taneytown (Md)	2.9 WNW	500	23 S4	80 oct. SW blkd.
Tappahannock Flight Strip (Va)	0.8 W	30	40h	8000' strip avail.
Taylor (New Kingston,Pa)	0.5 SE;hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York, Pa)	3 ENE;RR N	420	21 S6	80 oct. Poles SSE,NNW.
Vineland (N.J.)	4.3 SSW;RR 1 E	65	24 S6	80 oct. P-line E. Use center of strips.
WASHINGTON Range (D.C.)	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Waynesboro (Pa)	3 SE;hwy N	700	20h S6	80 oct.
Waynesboro (Va)	3 W;hwy N	1500	26 S1	80 oct.Trees WSW.
Webb (Easton, Md)	2.5 E	50	26 S6	80 oct. P-line S,SE.
WEBSTER Tower (Md)	3345 (142.74)		CN	3105;142.74 (24 hrs. advance notice)
(N) Webster (Beachville,Md) (N)	0.8 WSW;riv N, W	21	50h	Trees ENE.
West Chester (Pa)	2.5 NE;lk S	470	32 S4	80 oct.
(P) West Point (Va)	2.3 ESE	24	50h S4	80,91 oct. Riv SSW.
Woodstown (N.J.)	3 NW;hwy N	100	22 S4	80 oct. Hedge SSE.
Womelsdorf (Pa)	3 NW;hwy E	540	13 S1	73 oct.
York (Pa)	8.3 WSW;RR E	500	19 L S6	73,80 oct.Floodlgts.Pole N
Zieger (Warrenton, Va)	3.7 S;hwy NE	440	20 S4	80 oct. Hill W, NW.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCL'ER.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
→ BYRD	109.9			MM- •—• (0.90) OM- — — (4.36)
				MMK- OMK-
READING	109.5	332.6	1°	MM- •—• (0.59) OM- — — (4.5)
→				MMK- OMK-
				MM- OM-

NEW FACILITIES

→ Shallcross (Middletown,Del)	1.2 NNW	60	26 S4	80 oct.N,E,S blkd.
READING Tower (Penn)(NC)	281		CA (ILS-W)	No scheduled oper. AAF Reserve & NG Trng.
→ Pleasant Valley (Arcola,Va)	2.7 ESE	320	20 S2	80 oct.N blkd.
→ Rockville-Danielsville (Danielsville,Pa)	1.7 E;RR N	720	20 S6	80 oct.Hill N;p-line E.
→ Oliver (Millville,N.J.)	1.3 NE;rds NW	50	19 S6	80 oct.P-line N.
Bridgeton-Deerfield → (Bridgeton,N.J.)	8.5 N;hwy E	125	19 S2	80 oct.P-line E.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

WASHINGTON 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

SYRACUSE 53
HARRISBURG 242 (116.1)
HARRISBURG STATE 278 KC 118.7 MC
OLMSTED AAF 396 (126.18)
NEW CASTLE CO. 219 KC. 118.5, 126.18 MC.
DU PONT 388
PHILADELPHIA 266 (116.1)
NEW CASTLE 350
PHILLIPS AAF 215 (126.18)
BALTIMORE 278 (118.9, 126.18)
BALTIMORE 257 (116.1)
MILLVILLE 365 (116.1)
FOR DETAILS IN THIS AREA SEE CHART 69
ARCOLA 233 (116.1)
WASHINGTON 332 (116.1)
MT. VERNON 269
NAF. ANNAPOLIS 287.0 (142.74)
NAS. PATUXENT RIVER 215
MCAS. QUANTICO 203
BRANDYWINE 379 (116.1)
NAF. DAHLGREN 375 (142.74)
NAS. PATUXENT RIVER 347 (142.74)
NAAS. CHINCOTEAGUE 227
NAAS. CHINCOTEAGUE 3295 KC 142.74 MC
BYRD 396 (118.7, 126.18)
RICHMOND 260 (116.1)
BLACKSTONE 371
NORFOLK 97

NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

TO ALTOONA
TO GORDONSVILLE
TO NAS. NORFOLK
PITTSBURGH 65
PHILA. NORTHEAST 371
TO MT. HOLLY
NEW YORK 71
STATUTE MILES

RADIO — DIST. OF COLUMBIA

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	396(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18, 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18, 118.5, 118.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)
MARYLAND				
ANDREWS Army Range	248(DCM)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . . - - -)	209°,24.7	FM	Washington, D.C.
PENNSYLVANIA				
BOOTHWYN FM	(- - -)	260°,6.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C (ILS-W)	(4); 118.1
→ Philadelphia NE Range	371 (NF)	238°,2.9	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
→ WILLOW GROVE Navy Range	391 (NXX)	241°,3.3	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (9-17)
VIRGINIA				
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.8	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FMHW	(Cont.) Washington,D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYG)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	3295 (142.74)		CN	(3); 142.74
NEW RADIO FACILITIES				
BRANDYWINE Range (Md.)	379(BDW)(116.1)		SMRLZ-DV	(3);116.1

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ANDREWS (A)	110.3	335	10°	IM- (0.05)	MM- (1.20)	OM-
					MMK-379	OMK
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.66)
					MMK-	OMK-230
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM-	OM- (3.60)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + –Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — DIST. OF COLUMBIA

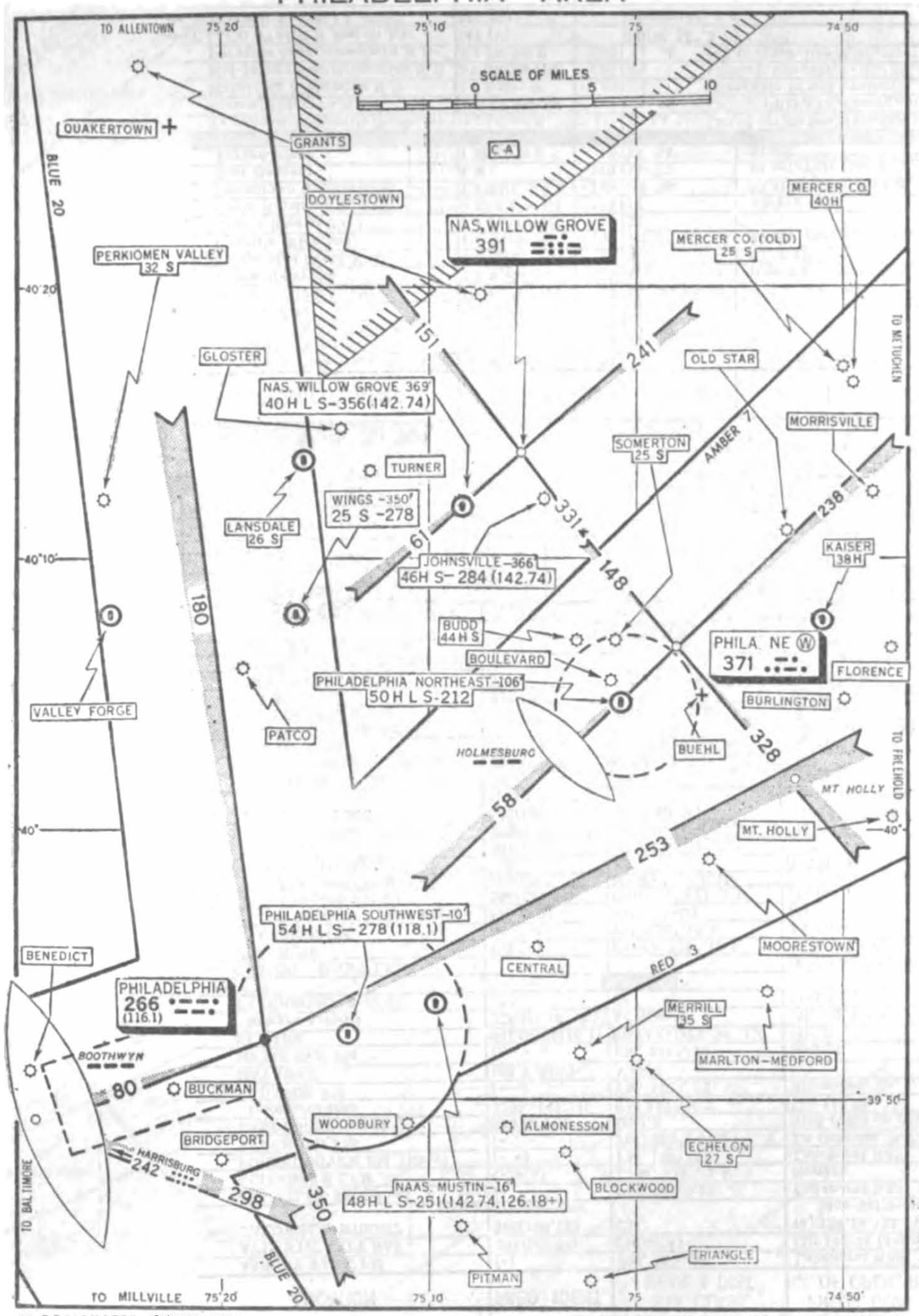
AIRPORT-CITY NAME	LOCATION	E. ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	10	50h R1 L5 S6	100 oct. No bcn.
(A) Bolling (Washington) (A)	3 SSE of Monument;riv W	20	60h R1 L5 S6	80,91,100 oct.JP-1E blkd.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR.STN. Rdo reqr. NATS
MARYLAND				
(A) Andrews (Camp Springs)(A)	1.5 E	279	55h R3 (L6) S6	80, 100 oct. JP-1.
(N) Beltsville OLF (N)	5 ESE	180	44h	
Capital (Berwyn)	2 NW; RR E	70	20	NOT MAINTAINED.
College Park	8.5 NE of D.C.	50	22 S6	80,91 oct.S,NW blkd.RR NW
→ Columbia Air Ctr. (Croom)	3 E;riv E	40	33 S6	80,91 oct,Trees N,NW.
Congressional (Rockville)	2 SSE; hwy E	450	33 S6	80 oct. Pole line E, NE.Allway fld.
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W.
Erco (Riverdale)	0.4 NE; RR W	50	15h S2	80 oct.Closed. 2800' rnwy avail
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	19h S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). → NEW OR REVISED DATA

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h L S6	80, 91 oct.Port flood lgts on req.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct, SSE blkd.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct. NE blkd.P-line SE.
Schrom (Greenbelt)	0.3 SW; hwy W	177	50h L S6	80,91 oct.Floodlgts on req.SSE–blkd.
NEW JERSEY				
→ Almonesson (Blackwood)	1.9 NW;RR E	50	21 S6	80 oct.Obst sur fld.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 ENE;hwy NNW	30	24 S4	80,91 oct. P-line E,SSE,NNW
Central (Camden)	1.8 E;riv S,W	20	25h L4 S5	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
MARLTON-MEDFORD INC. → (Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto.Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct, Port rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	19 S6	80 oct. P-line SE,SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.
PENNSYLVANIA				
Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	13 NE;RR N	240	44h	Trees E,W.
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.5 N;RR E	366	46h R1 S1	91,100 oct.P-line W,NW.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE	450	29 S6	80,91 oct. P-line N,NE,E,S,W.
Morrisville	1.6 W; riv E	180	24 S6	80 oct.P-line NE,E,SE,SW,W,NW.
(N) Mustin NAAS (Philadelphia)(N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Obst sur fld.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. P-line N,NE,E,SE.
(P) Philadelphia Northeast	12.2 NE;hwy W	106	50h R2 L5 S1	80,91 ,100 oct,No flood lgts.
PHILADELPHIA SOUTHWEST	6.5 SW;riv SW	10	54h R3 L6 S6	82,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.
VIRGINIA				
→ Beacon (Alexandria)	3 SSW;hwy E	246	27 L4 S6	80,91 oct. P-line SE,S,SW,NW blkd.
Crossroads (Alexandria)	4.5 NW;hwy NE	250	20 S1	Ltd 80 oct. Bcn;flood lgts prior req.
Falls Church	2SW;hwy N	350	25 S4	80 oct.E,W blkd.
Hybla Valley (Alexandria)	See Alexandria under "New Airports"– name changed.			
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.
NEW AIRPORTS				
Woodbury (N.J.)	1.8 SSW;RR N	50	21 S4	80 oct.
Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct.Trees,pole lines surfield.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.
Worth (Florence,N.J.)	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S.
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strips only.

PHILADELPHIA AREA



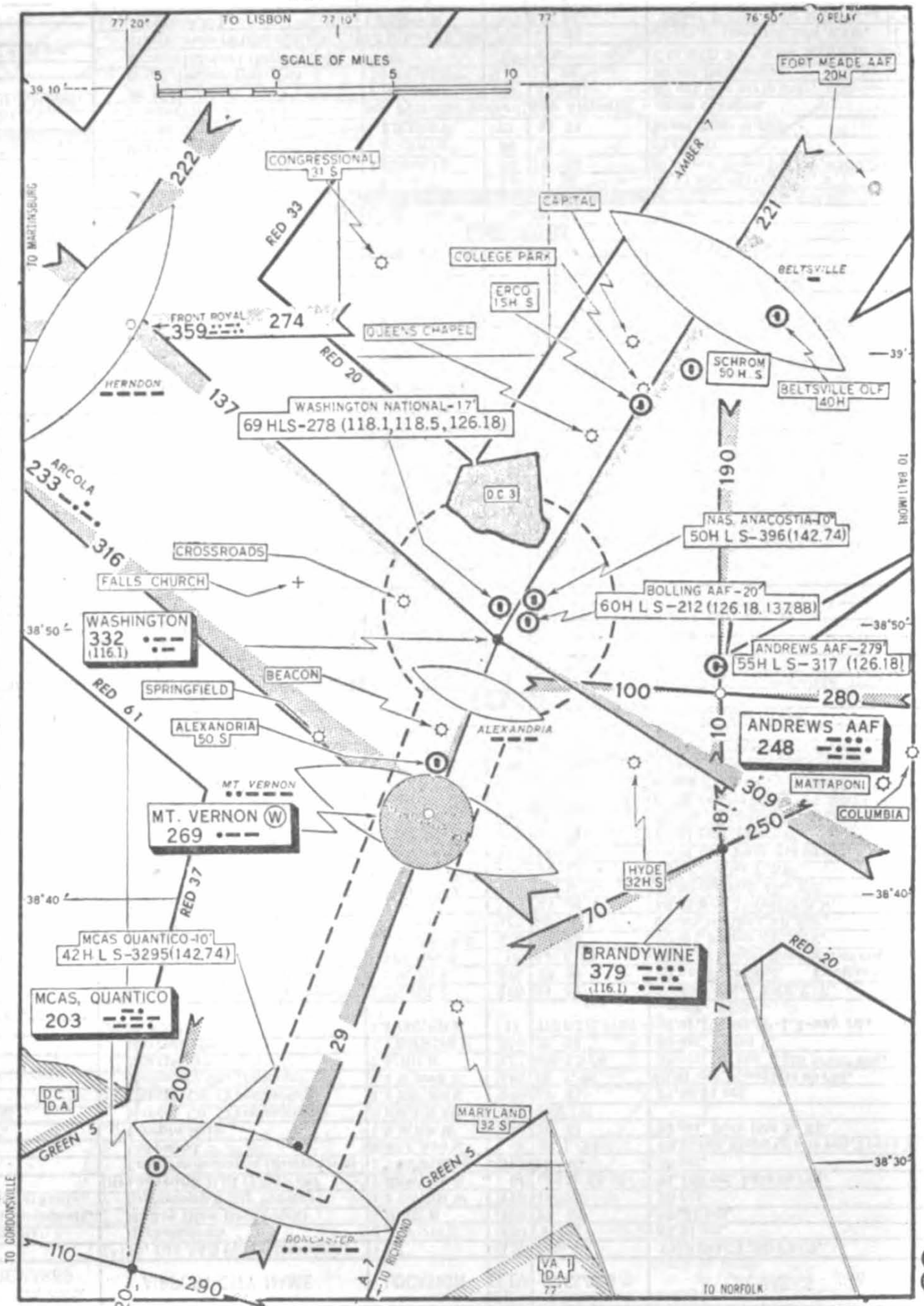
● DESIGNATED **RADIO FIX**

○ **NON-COMPULSORY REPORTING POINT**

Ⓡ EXTREMELY **HAZARDOUS**

Ⓤ USABLE WITH CAUTION

WASHINGTON AREA



NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE A QUADRANT

AIRPORTS LESS THAN 2500 FT IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT BJX

RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASBURY PARK FM	(-)	FM, 62°, 20	Lakehurst NAS.
ATLANTIC CITY NAS	275(142.74)	CN(GCA)	(3): 142.74 (8-sunset)
CALDWELL-WRIGHT	260(126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat.9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. , - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV;58°,1.0	(3); 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMHW;222°,16.1	(Cont.) La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS (NC)	532(NSC)	MHW; 122°,0.15	(8-17 on req.) (Floyd Bennett)
GRUMMAN (Bethpage,L.I.)	323	CI	(7-2359 Mon-Sat)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18 ,118,1.118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline frens.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18) +	CA(ILS-W)(GCA)	(3);126.18(approach control)
NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMHW;42°,5.6	(Cont.) La Guardia
PORT CHESTER FM	(- -)	FM; 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NF)	MLWZ-DT;238°,2.9	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LA GUARDIA	109.9	333.8	44°	IM-	MM- ·-·-- (0.81)	OM- --(4.49)	
					MMA-233 --·-	OMK 317 ·--··	
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ·····(0.87)	OM- --(4.14)	
					MMK-257 ·--	OMK-272 ·-·-	
NEWARK (L6)	110.3	335	58°	IM-	MM- ·-·- (0.61)	OM- -- (4.64)	
					MMK-261 ·---	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + —Army A.C.S. transmits on aad guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Acft,Radio Corporation(Boonton)	2.6 N;riv S	550	32	Poles N,E. PRIVATE
Asbury Park Inc (N.J.)	3.3 NW;hwy SE	60	22 S6	80 oct.P-line NW. Trees SE.
Asbury Park Air Terminal	4.5 W;rd N	100	24 S2	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	80,100 oct.Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N	100	20 S6	80 oct. Pole line NNE,Trees WNW
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	Emerg only.
Downstown (Landisville)	1.8 WNW;RR S	120	25 S6	80,91 oct.Obst sur fld.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.
NEW EGYPT				
Trenton-Robbinsville (Robbinsv'l)	1 ESE;rd N	115	40 L4 S6	80,91 oct.No bcn.N blkd.(N.J.)
Brown (Plitstown,N.J.)	1.5 SW;RR NE	140	40 31	80 oct. PRIVATE.Emerg only.S,N blkd.
Mahalchik (Columbus,N.J)	2.8 S;hwy W	60	20	Unusable in wet weather.
Mid-Jersey(New Brunswick,N.J)	3 WSW;hwy SE	120	18	Emerg. use only.P-line SE.
Forsgate Arpt(Jamesburg,N.J)	1.6 SW;RR E	150	24 S6	80,91 oct.P-line N,NE,SW,Twr N end.
CALCO STACK H Fac (N.J.)	347 (V)		MHW, 58°,3.7	
LINDEN H Fac (N.J.)	359 (Q)		MHW238°, 5.0	

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;riv E	560	30 S4	80,91 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S6	91,100 oct. Lgts on req.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.8 SE;hwy N	32	26 L S4	80,91 oct. Flood lgts on req. Trees W.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	41h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;hwy E	180	35 L S6	80,91 oct. Flood lgts on req.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct. JP-1. 2-way rdo rqrd. FEE
North Brunswick(New Brunswick)	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.6 W;RR S	380	22 S4	80 oct.Poles N,S. P-line N,WSW.
Ocean Co. (Brenton Wood)	1.5 SE;crk S	18	29 L S6	80,91 oct. Port flood lgts on req.
Pennington	2 ESE;hwy S,E	230	24 S4	80 oct. P-line ESE,SSE.
Prihceton(Rocky Hill)	1 W riv E	160	19 S1	80 oct. P-line ENE,SSE.
Red Bank	1 S;hwy E	80	26 S6	80,91 oct. P-line W,S,N.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;hwy NW	20	19 S2	80 oct,P-line E,NW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	45 L S6	80,91 oct. Port lgts on req.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct. Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver.
Trenton (NC)	6 NE;hwy NW	70	15 S1	80 oct.P-line W.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct. Restricted to USFS.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h S6	80 oct.
(P) Woodbine	2 SE	39	33h L1 S6	80,91 oct. Bcn on req.

NEW YORK

Bender's-Brentwood (Brentwood	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	Trees adj E.Pole line W.
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	73,100 oct.Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 (L5) S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	57h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1L6 S1	NE blckd.Closed ngts,trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	25	26 S4	80 oct.

NEW AIRPORTS

Aviation Country Club	2 S;hwy S	104	24 S6	80,91 oct. (Hicksville, N.Y)
New Sayville (Sayville, N.Y.	2 N;hwy 1 S	50	30 S4	80,91 oct.Trees NE,SW,WNW.P-line NE.
Nassau Arpk (Princeton,N.J.)	2.5 S;hwy S	80	30	CLOSED.
Toms River, (N.J.)	1.3 N;hwy W	70	21 S1	80 oct.Bush N,ESE.
Worth (Florence,N.J.)	See Florence under "New Airports" - name changed.			
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	42h	CLOSED.W,E,S,NW less than 10-1.
Star Harbor (Williamstown,N.J.)	0.8 N;hwy SE,NW	130	18 S1	80 oct.P-line ENE,SSW,WSW.
Florence,N.J.	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) VC-(not charted).

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

R: EXTREMELY HAZARDOUS

U: USABLE WITH CAUTION

FOR V.H.F. RANGES SEE CHARTS 144 TO 148

ALBANY 55

ALBANY 59

NEW YORK 71

SYRACUSE 53

WASHINGTON 67

LAKE SUSQUEHANNA
TRINCA
TO BRANCHVILLE
ALLENTOWN 320
240
RED 33
5000
RED 23
LINCOLN PARK
AIRCRAFT RADIO CORP
MURCHIO
NEW HACKENSACK 236
28
3000
45
4000
129
238
222
STEWART 335
TO HARTFORD
80
BRIDGEPORT 221
2000
POST CHESTER 16
12
14
RED 23
10
273
HUNTINGTON
ST. JAMES
SALEM
MASTIC
NEW ROCHELLE 275
PATTERSON
CALDWELL-WRIGHT 254 KC 126.18 MC
TETERBORO 326 KC
15
YONKERS
LITTLE FERRY
NEW ROCHELLE 6
TO BELFAST
HACKETTSTOWN
58
RED 21
4000
E. HANOVER
MORRISTOWN
NEWARK 278 KC 118.3, 126.18 MC
LA GUARDIA 362 KC 118.1, 118.7, 126.18 MC
121
LA GUARDIA 209 (116.1)
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 323 KC
248
CARLL
MACARTHUR 278
NEW SUFFVILLE
REPUBLIC 371
ZAHNS
CALCO STACK 347
14
HOLMES 233
NEWARK 341 (116.1)
109
FLUSHING
GREAT NECK
ROOSEVELT
217
222
MASPETH 317
MITCHEL AAF 396 KC 126.18 MC
FITZMAURICE
SOMERSET HILLS
LINDEN 359
ELIZABETH
FLATBUSH 16
LEBANON 32
NW JERSEY
ALLENTOWN 320
SHINN-WOODBRIDGE
SOMERSET
FLATBUSH 353
122
132
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
301
NEW YORK
GENERAL MOTORS
WESTFIELD
HUGHES
CONEY ISLAND
ROCKAWAY
ROCKAWAY 5
312
BROWN
SOLBERG-HUNTERDON
290
HADLEY
STATEN IS.
MITCHEL
LONG BEACH
3000
GREEN 3
42
317
FLOYD BENNETT 379
BIG PARK
302
22
40°30'
C.A.
57
MID-JERSEY
METUCHEN 13
PRINCETON
2000
58
NO. BRUNSWICK
MATAWAN VHF RANGE
39
42
AMBROSE
NAS. FLOYD BENNETT 388 KC 142.74 MC
44
PENNINGTON
AMBER 7
29
RED BANK
MERCER CO.
NASSAU
MERCER CO. (OLD)
FORSGATE
FREEHOLD 48
ASBURY PARK INC
238
HIGHTSTOWN
TRENTON-ROBBINSVILLE
MORRISVILLE
OLD STAR
SKYHAVEN
ASBURY PARK AIR TERM.
BLUE 18
MONMOUTH CO.
14
ASBURY PARK 20
PHILA. NE(W) 371
KAISER
FLORENCE
253
242
BURLINGTON
BUCHL
C.A.
LAKEWOOD
OCEAN CO.
RED 3
MAHALCHIK
CASSVILLE 3
PHILADELPHIA 266
MT. HOLLY
MT. HOLLY
3000
FORT DIX AAB
NAS. LAKEHURST 3295 KC 142.74 MC
FORKED RIVER
TOMS RIVER
MOORESTOWN
34
NAS. LAKEHURST 520
72
337
243
328
FORKED RIVER 15
67
26
MILLVILLE 365
FORKED RIVER
75°
39°48'
74°30'
74°
40°
41°04'
41°
73°
75°

EXTENSIVE FLEET AIR OPERATIONS OF CARRIER AIRCRAFT TO APPROX 150 KC STRAIGHT IN ROUND U.S. CARRIER BORDER S BOUND LAT 38-00

NOTE:
HEAVY LINES ON EDGES OF BASIC LESS WESTERLY 'B' QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST, ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

ATLANTIC OCEAN

SOUTHERN NEW JERSEY

STAR HARBOR
GREEN 5
MITCHEL
N. Y. OCEANIC ATC
WASH. OCEANIC ATC
MILLVILLE 365
243
C.A.
NAS. ATLANTIC CITY 275 KC 142.74 MC
DOWNSTOWN
CAVOLI'S
D.A.
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CAPE MAY
CAPE MAY
SCALE OF MILES
10 0 10 20 30
75°30'
39°45'
39°15'
39°48'
74°

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
➧ FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,3.2	(3);4220,126.18
Fairfield-Suisun AAF (Army)	350(126.18)+	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ;160°,2.1	
Hamilton Field	219 (126.18)+	CA◆ ;53.13	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3); 116.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7.	(4);122.5
SALINAS	266(SB)(vhf)	BMRL-DTV;310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV,291°,3.6	(3);122.1
➧ SANTA ROSA NAAS			DECOMMISSIONED
➧ SAUSALITO FM			DECOMMISSIONED
STOCKTON	212(JW)(vhf)	BMRL-DTV;285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
➧ FAIRFIELD-SUISUN(L6)(A)	110.3	335	210°	IM- (0.3)	MM- (0.85)	OM- (4.7)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15 29 S1	Trees S.
➧ American Legion(Salinas)	1.8 NNW			ABANDONED
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg	2.4 NNE,riv SE	15	27 S6	80 oct. E,SSE blkd.(Clarksburg)
Boulder Creek				80oct.Lgt planes&exper.pilots only.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.Sur by mtns.
Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	39h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.
Fairfield-Suisun	1 E,RR N	7	35 S6	80 oct.N,S,W,NW,SW blkd.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	17 L S2	80 oct.No sto.Flare pots prior req
King City	1.5 NNE,RR W	370	45h L S6	80,91 oct. Obst lgts on req.
(P) Kingsbury (Lodi)	See Lodi under "New Airports" name changed.			
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.

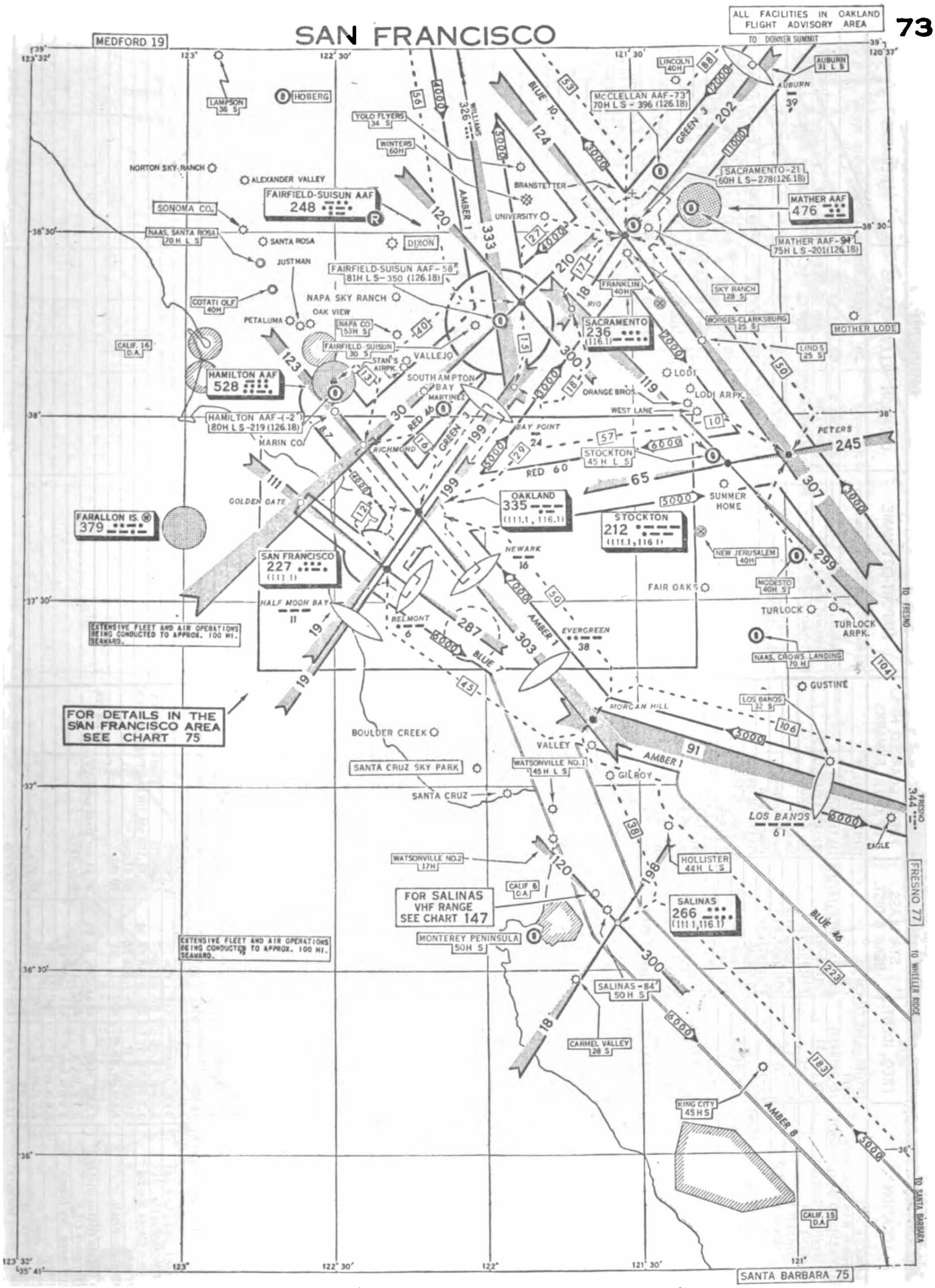
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Lincoln	3.6 WNW;hwy S	120	40h S4	80 oct.
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.Poles E.
Lodi Airpark	4.5 SW;hwy E	25	28 S6	80 oct. P-line E.No sto.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
Martinez	0.8 N,RR S	6	20 S6	80,91 oct.Hill W.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	91	75h R2 L5 S6	91,100 oct. No sto. TEMP
➧ MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. INACT
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L5 S6	80,91 oct.Lgts prior req.NO NAVY
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S. FAC.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W.Flares req.
(A) New Jerusalem (Tracy)(A)	8.5 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	25 S1	80 oct.Pole line WNW,ENE
Orange Bros. (Stockton)	5 N; RR E	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	18 S6	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct.
(P) SALINAS	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E;RRS	96	26 S6	80,91 oct.Trees NW,SW.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S6	80,91 oct.Port rnwy lgts. NE,S,SW
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. blkd.
State Forestry(Davis)(NC)	3 E,hwy N	28	26	Power line W.
(P) STOCKTON	4 SSE,RR W,SW	28	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW;crk S	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct. Wire NE
Valley (Morgan Hill)	1.2 S,hwy E	240	17 S1	80 oct. P-line SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S6	80,91 oct.W blkd.Wire NW.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	98	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S6	80,91 oct. Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
➧ Santa Cruz Sky Park	5.3 N;hwy E	500	21h S6	80,91 oct. Trf.pat.S.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S7	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
(P) Lodi (Calif.)	6 WSW;RR NE	15	40h S6	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➧ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(I): USABLE WITH CAUTION

NOTE:
HEAVY LINES OR STARS OF RADIO AIDS INDICATE "R" OR "I" HAZARDS.

AIRPORTS LESS THAN 2500 FT. OR LESS WITH NONRIGID RUNWAYS AND NO LIGHTS. CARRY NO CLASS OR AIRPORT DOT.

SCALE OF MILES
10 0 10 20 30

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MT.VIEW(Navy)(Moffett NAS)	323 (NUC)	BMRLZ; 320°, 1.9	(3);126.18, 142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV	(3);122.1
San Francisco Airport	269(126.18,118.9)	C, - .°,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	MHW;285°,10.0	(Cont.) San Francisco
SANTA BARBARA	(108.3)(OY)	BVAR	(4)
→ SANTA BARBARA	320(OY)(vhf)	BMRLZ-DTV	(4);116.1
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126.18,122.5,142.74
→ SAUSALITO FM		FM; 27c . .7 5	DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- ·–·· (0.62)	OM- –– (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ····· (0.12)	MM-	OM- –– (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul Range and Voice. W-Without Voice. Z VHF Range Station Location Marker. (3)-3105. 4495. 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S transmits on and guards 116 1. 137 88. 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 S6	80,91 oct. P-line N.
Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW;hwy E	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h S6	80,91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct, prior req.
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
(N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
→ (A) Minter (Bakersfield)(A)	13.5 NW,hwy E	425	45h	CLOSED

AIRPORTS — CALIFORNIA

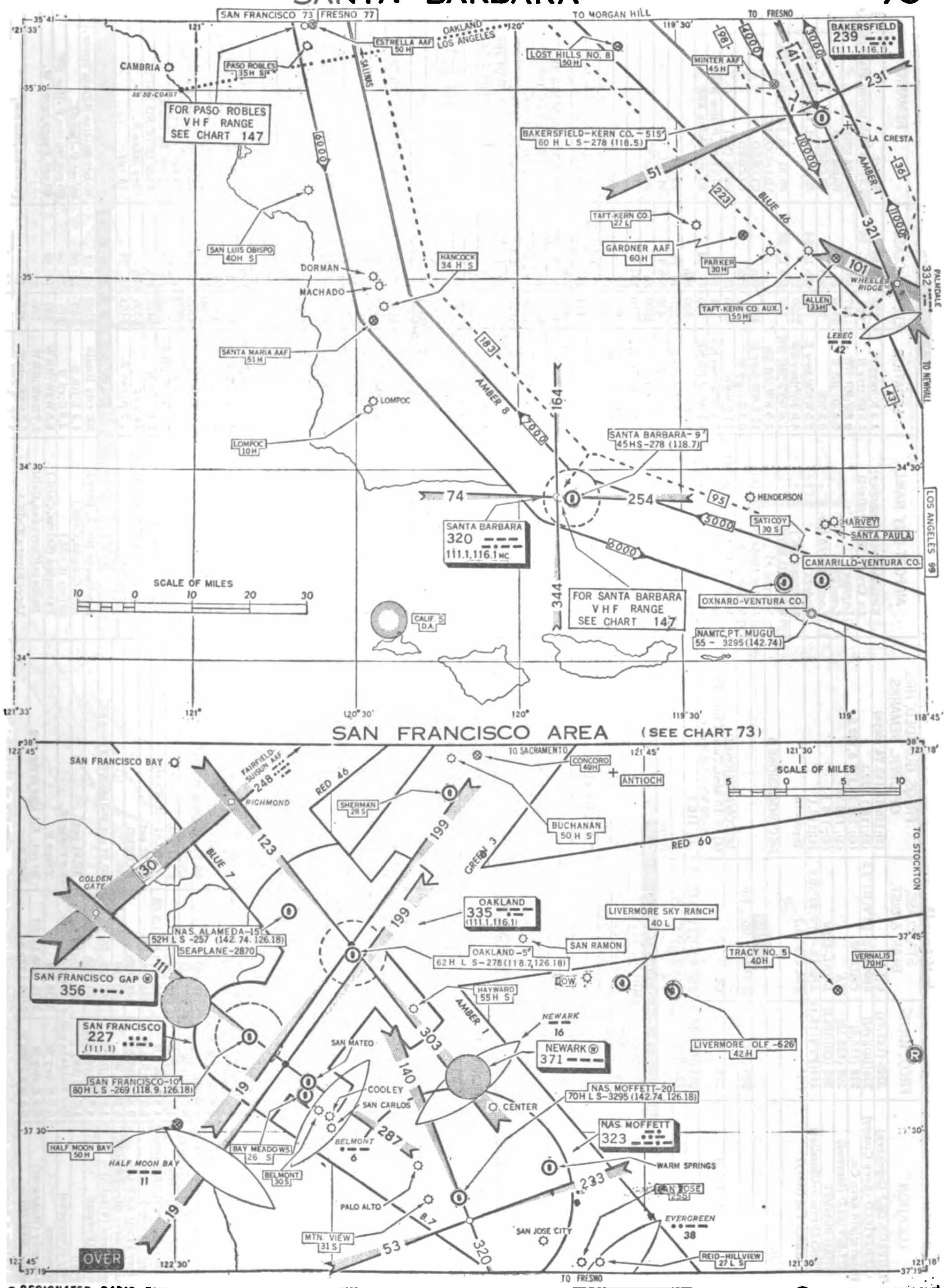
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	70h R2 (L5) S4	91,100 oct.No sto. NATS
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
[Oakland Mun.]	5 S, hwy 2 NE	5	62h R3 L6 S6	80,91,100 oct. 2-way rdo req.NATS (Hospital)
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed.			
Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct. P-line NW,S
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3,6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No bcn.NW blkd Data unver.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S6	80,91,100 oct. Rdo rqrd.
San Jose City (San Jose)	2 NW;RR SW	70	40 S6	80,91 oct.P-line SE
(P) San Luis Obispo	2 SSE;hwy F,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	No lgts after 10 p.m
Santa Paula	0.8 S;riv S	240	21 L S6	80 oct.Port.strip lgts prior req.P-line
Saticoy	1.5 S;RR NW	80	21 S1	80 oct.Trees NE, ENE,WSW.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy, mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
Vernalis	2.3 S	207	70h	
Warm Springs	2.3 SSE,RR W	100	23 S6	80 oct.

NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR W	6	20 S1	80,91 oct. Wire SE.Emerg.use.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E;rd W	125	25 L4 S6	80,91 oct.No bcn.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.
(P) Camarillo-Ventura Co(Oxnard)	5.5 E;RR S	84	50h	(Calif) (Oxnard)
→ OXNARD-VENTURA CO (Calif)	1 W;hwy E	44	46h L S6	80,91 oct.Port rnwy lgts prior req.
San Francisco Bay (San Rafael,Calif.)	1.5 ESE;RR SW	2	19 S1	80 oct.hill SW
Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW
Harvey Fld (Santa Paula,Calif.)	1.7 E;riv S	290	26 S1	80 oct.Trees E.W.
→ Dow (Livermore,Calif)	4 WNW;riv S	350	28 S1	80 oct.N blocked,hill NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

SANTA BARBARA 75



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS INDICATE 8 QUADRANTS.

AIRPORTS LESS THAN 2500 FT. OR LIGHTED, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED TO CLASS OPERATIONS ONLY.

Ⓡ: EXTREMELY HAZARDOUS

Ⓓ: USABLE WITH CAUTION

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
INYOKERN FM (Navy)	(-)	FM, 255°,6.7	Inyokern.
TRONA			DECOMMISSIONED

NEVADA

FALLON	230 (VA)	SRAWZ; 219°, 2.9	
GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.

NEW RADIO FACILITIES

INYOKERN(Armitage)(Cal.)	323(GIK)	MRLWZ;169°,4.1	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATOR)			
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- ·— ·— (0.62)	OM-	—(4.71)
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

[redacted]S

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
Amargosa (Death Valley Jct.)	0.7 W;hwy E	2037	22 S1	73 oct. Pole line S.
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R2 L5 S1	91,100 oct. CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3,4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N			ABANDONED.
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;hwy S	200	37 S4	80,91 oct.Pwrline NE,SE,SW,NW.
Cornell (Porterville) (NC)	2.4 SSW;RR E			ABANDONED.
Death Valley (Furnace Creek)	1 WNW	-178	40 S2	80,91 oct.Data unver.Closed May 1 to Oct 15.
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano-Kern Co(Delano)	1.5 SE;RR W	315	60h S1	80,91 oct.
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	25 S6	80,91 oct.P-line NW.Trees SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE;hwy W	246	21 S6	80,91 oct.
Harvey (Corcoran)	See Baldwin under "New Airports" - name changed.			
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h S4	NATS

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII INC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

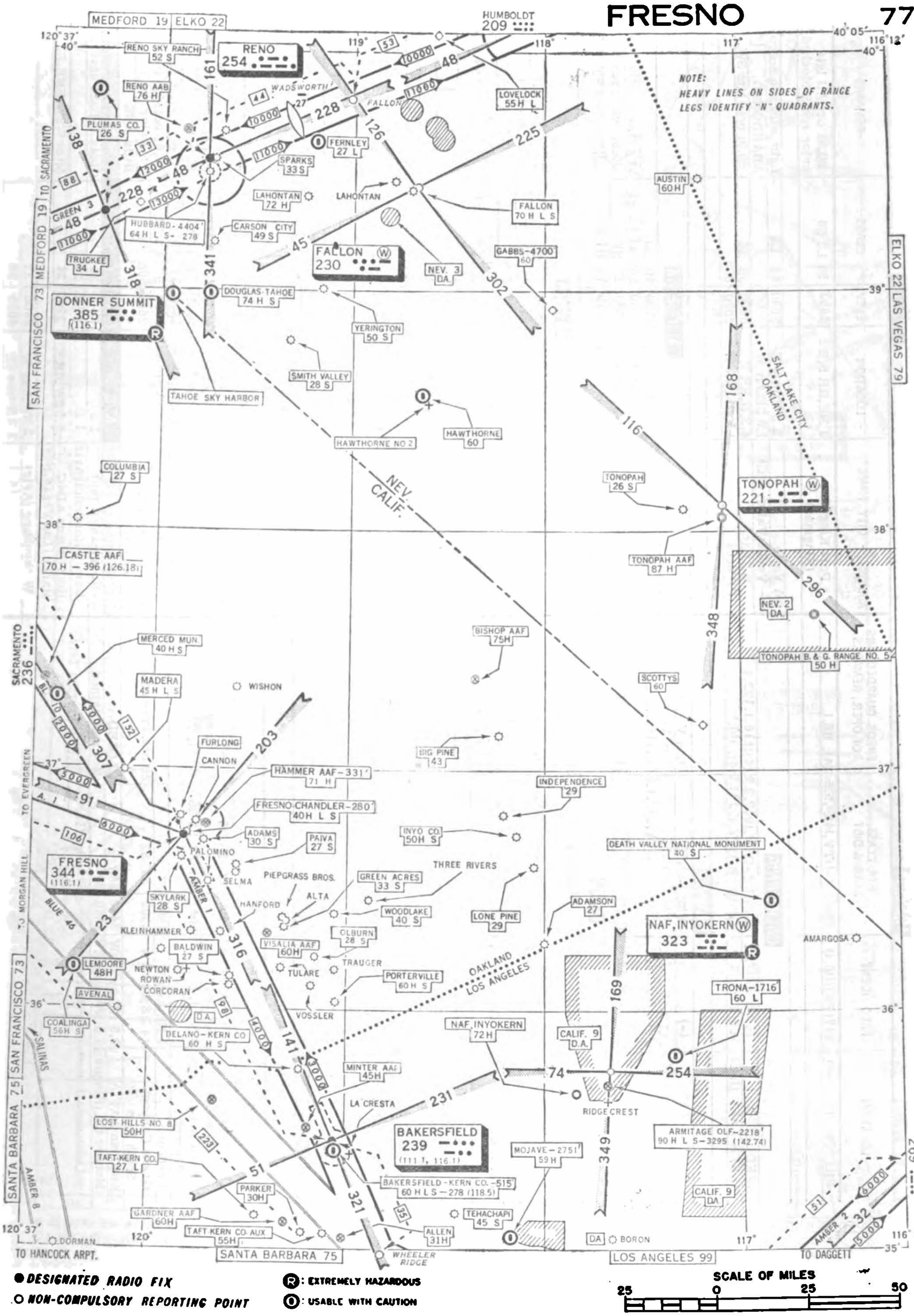
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S6	80 oct. req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	35h	Emerg only.
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	425	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;hwy NW	194	22 S6	80,91 oct. P-line NNW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S6	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28	CLOSED.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	18	Mtns - timber 2000' NE.Closed to Public
(P) VISALIA	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S Ctn-cattle on fld.
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.

NEVADA

Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon	6 SE;hwy S	3931	70h L5 S4	80,91 oct.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	64h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW;hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	44	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Zepher Cove)	3.5 S;lk W	6230	42 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.

NEW AIRPORTS

Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct.P-line SE.
Selma (Calif.)	2.6 E;rd N	315	25 S4	80 oct.No sto.P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.
Baldwin (Corcoran,Calif)	2.7 NNW;RR W	200	27	
Three Rivers (Calif.)	2.2 NNE;riv W	850	20	Trees SE,hill NW.
Avenal (Calif)	0.3 W;hwy NE	790	32 S2	80 oct.Poles E.
Trauger (Strathmore,Calif)	1.1 NNE;RR E	425	20h 34	80 oct.
Rowan (Stratford,Calif)	1.5 SE	198		Data unver.



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

RADIO

ARIZONA

LOCATION	FREQ.. IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	**347(PN)(116.1)**	SBRAZ-DTV,142°,5.5	(4), 116.1

CALIFORNIA

NEEDLES	400(NJ)(vhf)	BMRLZ-DTV,195°,2.2	(4);116.1,122.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1

NEVADA

CRYSTAL FM	(-)	FM; 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM; 203°.33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116,1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4);118.7,126.18,122.5 (8-midnite)

UTAH

BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5;122.1,116.1,129.7 cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-DTV;20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-TV;20°,1.0	(4), 116.1
ST.GEORGE	108.7(GX)(vhf,	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM; 203°, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	MM ---(0.66)	OM -- (4.2)	
					MMR	OMR	

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L2	
(P) Clemenceau (Cottonwood)	1.7 SSW,hwy NE RR bed N	3400	27 L1 S6	80 oct.Smokestack 4000' SE.Sur by mtns.
(P) Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
(P) Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14 3S;hwy 2W	6362	53 S2	80 oct.Trees SW.
(A) Kingman AAF(A)	8.5 NE,hwy NW	3446	68h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	37	Not maintained.

h-hard surfaced runways R-radio facilities L-lighting facilities S-servicing (See page XIII) NC-(not charted) → NEW OR REVISED DATA.

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req.S blocked.
(P) Valle	2.3 E;hwy E	5990	61 L3	Lgts prior req.Soft when wet
→ Verde Valley(NC)	1.8 SE,riv W			ABANDONED.
Williams	4.3 N,RR E	6600	39 S6	80,91 oct. Mts SW.
(P) Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
→ Needles	5.5 S,hwy E	990	58h R1 L3 S1	91 oct.Serv prior req.
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, → LA-SL	2.5 SSE,RR E	919	40 R1 L3	**Rnwy data unverif.**

NEVADA

Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2463	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	CLOSED
(A) [Las Vegas]	7.8 NE,hwy NW	1890	65h R3 L6 S1	100 oct.ARMY TEMP INACT.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	**0.7 W,hwy E**	**4300**	**28**	**(NC)**
Ranch Club(Las Vegas)	**See Hoot Gibson's D4C Ranch under "New Airports" - name changed.**			
Searchlight Landing Strip (NC)	**10.8 SSE,hwy E**	**2536**	**40**	
Sky Haven	**3.3 NW,hwy W**	**2200**	**43 S4**	**80,91 oct.(Las Vegas)**

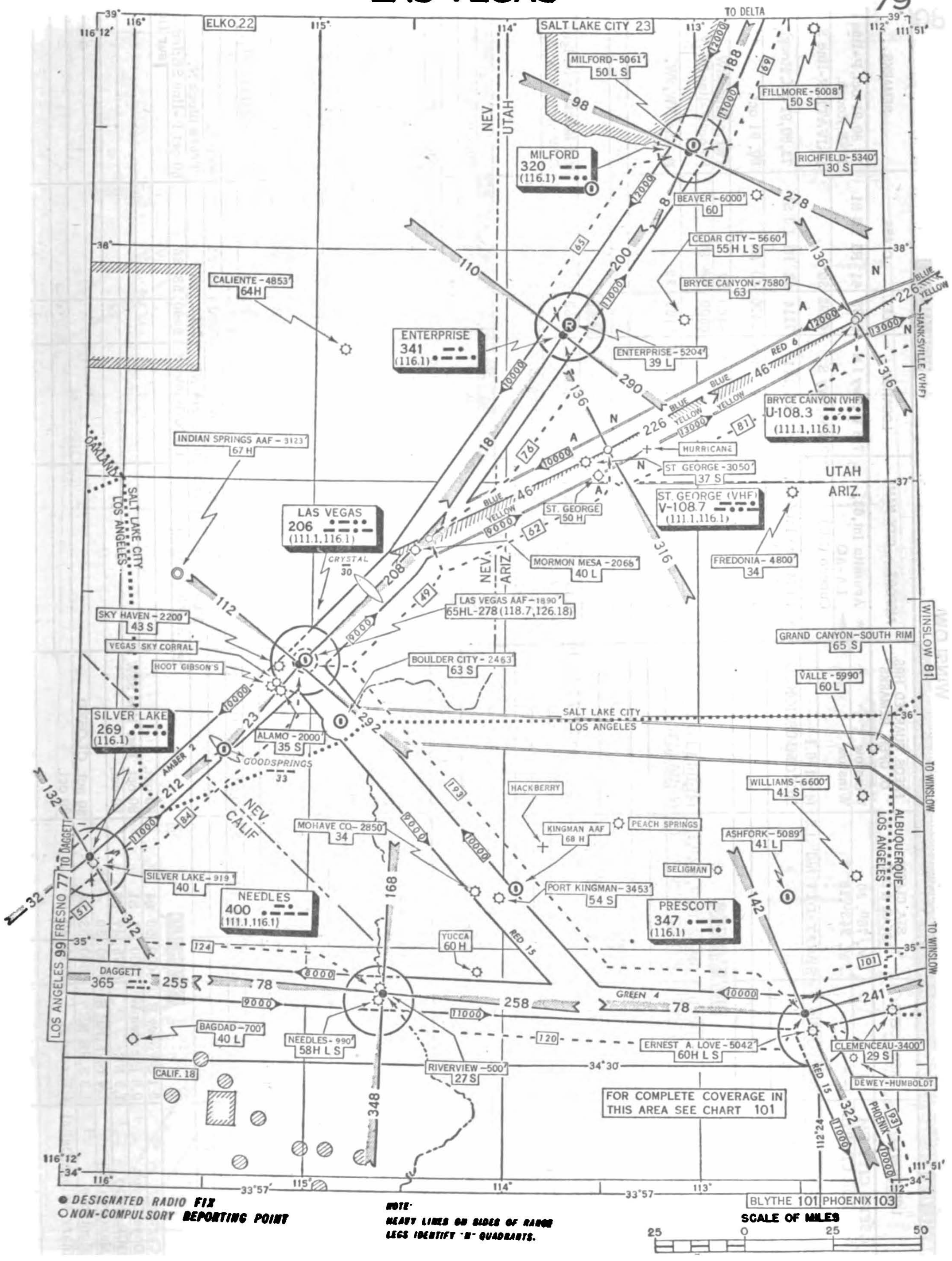
UTAH

Beaver	3.2 SSW,hwy E	6000	63	Hills SE
* **Bryce Canyon Int,** 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
→ CEDAR CITY	2.3 NW,hwy W	5660	55h L2 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy 1N	5204	39 R1 L3	LA-SL Soft when wet.
Fillmore	2 WSW,hwy SE	5008	50 S2	80 oct. Unsafe lgt acft.
Milford,45,LA-SL	2.3 NNW,hwy E	5061	37 L3 S2	80 oct.
Richfield	1.8 SSW,RR E	5340	31 S6	80 oct. P-line SE,N,W
St.George	1.5 SSW,riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
* St.George Int,36, LA-DV	6 SE	2887	50h	Hills NNE

NEW AIRPORTS

Hurricane (Utah)	2 S	3400	25	Obsts E.Data unver.
Dewey-Humboldt(Ariz)	1 E	4265	29	
Hoot Gibson's D4C Ranch (Las Vegas,Nev)	5.5 SW;RR E	2200	24	Mtns WSW,ENE,E.
Wickenburg (Ariz)	3 NW;hwy W	2300	32	
Peach Springs (Ariz)	1.2 N;hwy SE	4825	23	P-line ESE,SW.
Seligman (Ariz.)	2 NW;RR S	5300	54	Tree WNW
Hackberry (Ariz)	6.4 NW.		60h	Data unver.

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "N" QUADRANTS.

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- • -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
→ Winslow Airport			DECOMMISSIONED
		NEW MEXICO	
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4);116.1,122.1
		UTAH	
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116.1, 129.7,122.1

S-Simult. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.8 NE;riv 1 S	4200	40 S1	80 oct Rough.Not maintained.
★ Deep Lake Int,54A, LA-AQ	0.5 W	6070	35 L3	Poles S. Emerg. only.
Holbrook	2.2 NNE;RR SE	5200	50 S6	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S6	80 oct.
→ Saunders, Harry A. (St. Johns)	See St.John under "New Airports - name changed."			
Window Rock(NC) (St.Michaels)	2 ESE	6800	52	NE appch hazardous
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S4	80,91 oct.No flood lgts.
	COLORADO			
(P) Cortez	3.1 SW;hwy E	6000	50 S4	80 oct.
Dove Creek	0.6 E;creek W	7000	41 S1	80 oct. Pwr line SSW.
(P) DURANGO	1.5 NE	6875	47 S6	80 oct.
Mancos (NC)	1.4 NNE;RR S	7500	30	
Montrose	1.3 S,RR NE	5800	33 S4	80 oct. CLOSED.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

NEW MEXICO

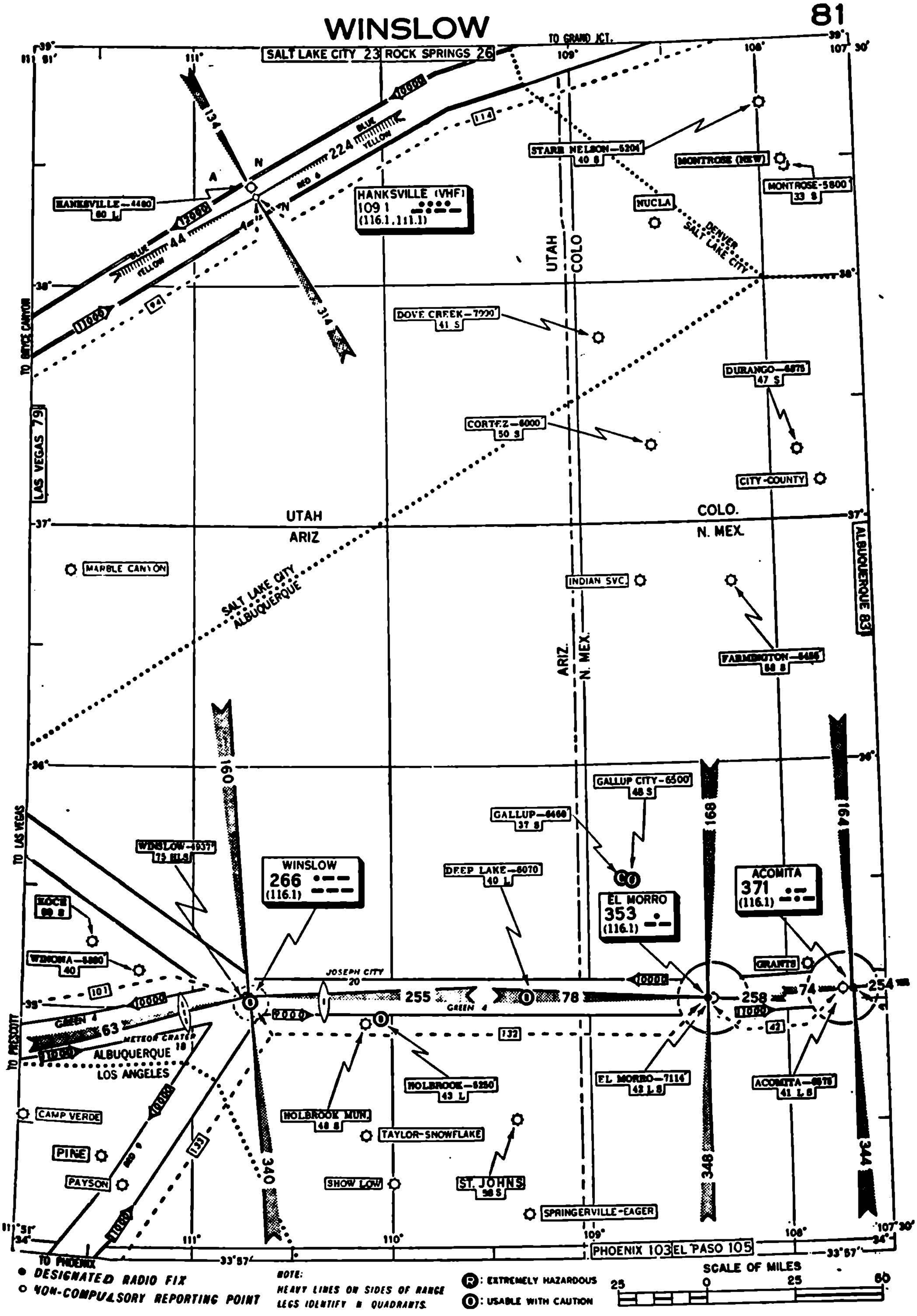
AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, → LA-AQ	7.8 W;hwy 1 N	6575	41 R1 L3 S1	73,80,91 oct.P-line NNE.Rough.
Cubero (NC)	2.4 W;hwy S	6192	30	PRIVATE.P-line S.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lk 1 WSW	7114	42 R1 L3 S1	73,80,91 oct. Rough.
Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW, NW,SE.
Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW.
	UTAH			
★ Hanksville Int,54, → LA-DV	3.5 NNE;riv S	4480	63 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	

NEW AIRPORTS

Montrose (new)(Colo)	1.5 NNW;hwy S	5780	58 S2	80,91 oct.
Nucla, (Colo.)	2,3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
City Co. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
Show Low,(Ariz.)	2 ENE;hwy S	6400	43 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct.NE appch hazardous
Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E.Soft when wet.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct.Poles SSE,NNW.
Grants Landing Strip (N.M.)	2.3 W;RR 1 NE	6600	28	Loose sand in spots.
Winona (Ariz)	8.9 ESE;hwy N	5880	40	
Springerville-Eager	1,5 W	7000	37 S1	80 oct.
Pine (Ariz) (Ariz)	0.8 S;crk NE	5500	25	Trees block N.
→ St.Johns (Ariz)	1.1 NNW;hwy S	5560	58 S6	80 oct.P-line SE;fence sur fld.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page 12) (NC) Not charted. → NEW OR REVISED DATA.

WINSLOW


SALT LAKE CITY 23 ROCK SPRINGS 26
TO GRAND JCT.
134
224
44
314
HANKSVILLE (VHF)
109 1
(116.1 .111.1)
HANKSVILLE—4480
80 L
STARR NELSON—5204
40 S
MONTROSE (NEW)
MONTROSE-5800
33 S
NUCLA
DENVER SALT LAKE CITY
UTAH
COLO
DOVE CREEK—7000
41 S
DURANGO—6675
47 S
CORTEZ—6000
50 S
CITY-COUNTY
TO GRAND CANYON
LAS VEGAS 79
UTAH
ARIZ
COLO.
N. MEX.
ALBUQUERQUE 83
MARBLE CANYON
SALT LAKE CITY
ALBUQUERQUE
INDIAN SVC.
ARIZ.
N. MEX.
FARMINGTON—6456
58 S
160
168
164
TO LAS VEGAS
WINSLOW—6937'
75 M.S.
WINSLOW
266
(116.1)
GALLUP CITY—6500'
48 S
GALLUP—6460
37 S
DEEP LAKE—6070
40 L
EL MORRO
353
(116.1)
ACOMITA
371
(116.1)
WINONA—6860
40
JOSEPH CITY
20
255
78
258
74
254
GRANTS
GREEN 4
63
METEOR CRATER
18
ALBUQUERQUE
LOS ANGELES
TO PRESCOTT
TO PHOENIX
HOLBROOK—6250
43 L
HOLBROOK MUN.
48 S
TAYLOR-SNOWFLAKE
SHOW LOW
ST. JOHNS
38 S
EL MORRO—7114'
42 L S
ACOMITA—6576
41 L S
CAMP VERDE
PINE
PAYSON
340
348
344
SPRINGERVILLE-EAGER
PHOENIX 103
EL PASO 105
SCALE OF MILES
25 0 25 50
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

ALBUQUERQUE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS. FREQS. GUARDED. HRS. OF OPERATION
★ Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior req.
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
►AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct. P-line N,W
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct,P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAZ	(3)
CLOVIS H Fac. (N.M.)				DECOMMISSIONED
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3);126.18(daylgt hrs.)
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h	TMP INACT.NO FACS.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
★ Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE.
➔ Dalhart (Tex)	6.2 SSE;RR E	--		ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) [English](Amarillo,Tex)	9 ENE;RR N	3604	50h L6 S6	80, 91 oct.;100 oct. Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NE;RR S	4166	60h S6	80 oct.
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	34 S6	80 oct.Poles S,N.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
NEW FACILITIES				
Langhorn(Morairty,N.M)	8.3 ENE;hwy N	6150	33	P-line N
Estancia (N.M)	1.5 NNW;RR 0.5 E	6100	36	Ctn-cattle on fld.P-line NE,E.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4238	80h	CLOSED
La Junta Bridges (Colo)	See Bridges Arpt.under "New Facilities"-name changed			
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L2 S4	80 oct.canal N
Las Animas (Colo)	1.4 S;hwy 1 N	3900	31 S4	80 oct. P-line W,NW.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
➔ [Las Vegas] (N.M.)	6 NE;RR 2 W	6857	64h L5 S5	80, 91 oct.Rnwy lgts on req. Use strips only.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
➔ Monte Vista,Colo.	3.5 W;RR N	7710	55 S4	80 oct.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N Horses on fld.
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
★ Otto Int,74,LA-AQ (N.M.)	5.8 NE Moriarty	6226	41 L3 S1	Ltd 91 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N.
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE,E. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	30 S2	Ltd 80 oct.P-line SW,NW,W.
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW ;hwy E	6308	63h L5 S1	91 oct.airlines.FEE. Rnwy lgts on req.
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	80 oct.P-line NE,SE.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34	Poles NW,W,SW.
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver.
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	32 S6	80,91 oct, P-line SW.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
Trinidad (Colo)	10.5 ENE	5756	34 L1 S4	80 oct.Use rnwys only.
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

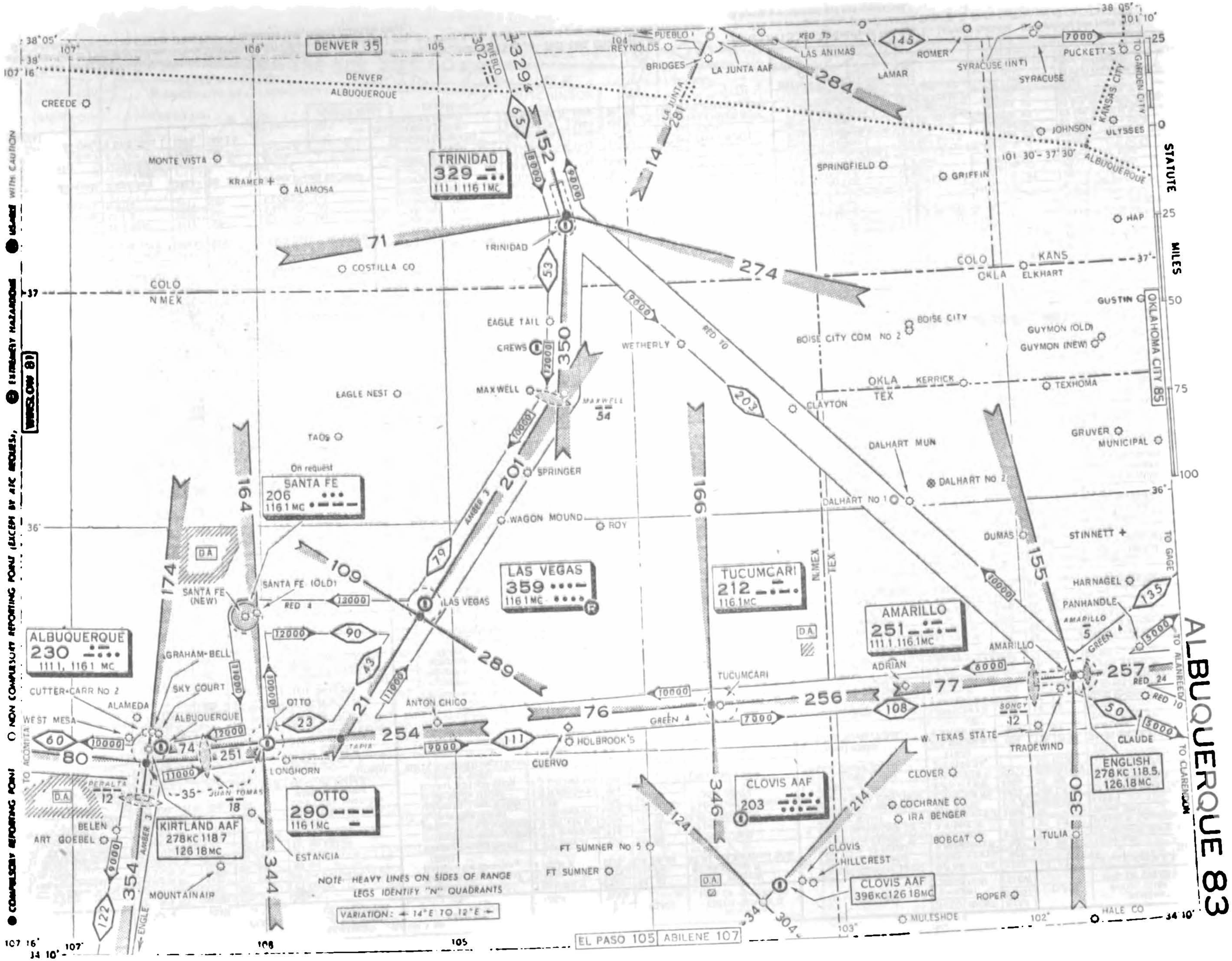
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs.)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62) OM- ——(5.92)
				MMK-	OMK- 293 —·—·
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66) OM- ——(4.32)
				MMK-	OMK-248 —·—·

NEW FACILITIES				
Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.
Ulysses (Kansas)	1.3 NNW;hwy E	3050	26 S1	80 oct.Poles S.
Kramer Fld (Alamosa,Colo.)	2.5 WNW		52 S6	80 oct.P-lines NE.Data unver.
Elkhart (Kans)	0.8 ESE;RR 0.5 NW	3500	32 S2	80 oct.
Hap(Hugoton,Kans)	1.5 SW;hwy N	3107	26 S2	80 oct.Poles N,NE.Use stps.
Bridges (Lajunta,Colo)	3.3 SSW;hwy,RR W	4250	26 S2	80 oct P-line N

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (S) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➔ New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



● CONTROLLED REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST), ● HEAVY WITH CAUTION ● HEAVY WITH CAUTION

OKLAHOMA CITY

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h S1	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct.P-line SW,W,NW.
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct.
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct.P-line N,E.
ANTHONY H Fac.(Okla)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Okla)
Antlers (Okla)	2.8 S;RR E	640	27 S2	80 oct.
ARDMORE H Fac.(Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training.
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct.Poles E.
* Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct.Poles S,E.
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct.P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct.P-line W Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct.P-line ft only.
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
Caddo Fly Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla)Ctn when
Cameron College	2.5 W;RR N	1108	22 S6	80 oct.(Lawton,Okla)
* Cassoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(4);116.1.122.1
Chanute (Kans)	2 WSW;lk S	980	22h L4 S6	80,91 oct.
CLARENDON Range (Tex)	233 (CP)	199°, 2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED.
Clinton (Okla)	17 SW;hwy E	1932	65h	
Coffeyville,Mun.#1	5.5 N	743	59h S2	80 oct. (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h L3 S6	80 oct.Poles NW;hi-line SW.
Commercial(Okmulgee, Okla)	3.4 E;RR	682	S	80 oct. Poles S
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct.Trees SW
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct.(Tex)(Okla)
Community (Ada,Okla)	6.8 WNW	1000	24 S6	80 oct. hwy N
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E.
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4);116.1,122.1
Dodge City) (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct.Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	24 S2	80 oct.P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S	80 oct. N, S,W blkd
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1260	56h	TMP INACT.NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct.Hi-line S.
Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(A) Frederick (Okla)	2 5 SSE;RR N	1233	60h L6 S6	80,91 oct No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1.122.
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5	
GARDEN CITY Range (Mun.)(Kans)	257(GK)(vhf)	168°, 3.7	SBRAZ-DTV	(4);116.1.122.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct.Fld lgts on req.
(A) Garden City AAF (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT.NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct.P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S	80 oct.
(P) Grandfield Mun (Okla.)	3 W;RR NE	1128	45h	P-line S.
(A) Great Salt Plains Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct.P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L6 S4	80,91 oct.No flood lgts, or bcn.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;fork RRs	615	38h S6	80 oct.
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct.(Tex)
(P) Hobart Mun.(Okla)	3.8 SE;hwy W	1583	54h L S6	80 oct.Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW;hwy S	864	33	
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1.122.1
Hutchinson, com.(Kans)	5.5 W;hwy N	1605	20 S2	80 oct. P-lines N,NE.
(P) Hutchinson,mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	80,91 oct.P-line W.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct.P-line NW,N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct.P-line SE.(Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S.(Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct.Trees S,SW. RR SW.
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct. P-line NNW,SSW.
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N.(Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct.Fld lgts prior req.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct.P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S7	80 oct.Use strips.P-line N
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct.
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct.P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(A) Muskogee AAF (Okla)	See Davis under "New Facilities" - name changed.			
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct.Shrubs N,NE.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116 1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1.2 NNE;RR S	3234	50 L3 S6	80,91 oct.SE blkd.P-line E,S,W.
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED.
* Pampa Int,4,AQ-KC(Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W. Twr SW.
Parsons (Kans)	2 NW;RR S	936	22 S2	80 oct.Use strips only.
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct.Port rnwy lgts P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE; RR NW	2942	80 S4	80 oct.No sto.Allway fld.P-line SE,windmill.
PHILLIPS Tower (Okla)	388		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct.(Okla).Hwy S.
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct.P-line NE,SE,S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1,122.1
(P) Ponca City) (Okla)	2.3 NNW;RR S, E	1014	36h L4 S6	73,87 oct.Antenna bet twr & hangar,lgtd.
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct.Ends lgts prior req.
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (8-18)
(A) Post (Ft.Sill,Okla)(A)	3 N	1170	50h L5 S4	Ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;lk P	1916	25 S6	80 oct.Use strips only
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Sayre (Okla.)	2.3 N;hwy W	1990	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct.Trees W,NW
Sentinel Memorial	0.8 SSW;RR W	1600	S	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct.Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1689	26 S6	80,91 oct.Poles N,S req.
Stark (Coldwater,Kans)	0.7 NE;RR SE	2100	29 S2	80 oct.Poles N,S,E,SE NE.
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1310	26 S6	73,80 oct.Poles E,N.
* Stroud Int,39A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd.(Okla).
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW
TINKER Army Rng (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
(A) Tinker (Okla.City,Okla)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct JP-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct.P-line S,E.
TULSA Range (Okla)	245(TS)(116.1)	225°,1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct.73,100 oct.
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. Army Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy 0.5 W	2225	38 L3	(Tex) P-line W
Vernon 15,AQ-FV(Tex)	5 N;hwy E	1250	43h L5 S6	73,80 oct.No sto.
* Vernon Int,15,AQ-FV	8.8 NNW;hwy E			(Tex) ABANDONED
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S,hwy W	1540	27 S6	80 oct.
Walker (Ada,Okla)	5.4 S;rd E,N	870	32	PRIV.Trees sur fld.
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct.P-line N.
Walters (Sedan,Kans)	8 N;hwy W	1000	26	PRIVATE.
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct.P-line N,NE.
Weatherford (Okla)	2.7 ENE;hwy S	1550	27 S6	80 oct.P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct.P-line NNE.
(P) Wewoka,mun.(Okla)	4.7 NE;hwy E	790	30-	Emerg only.
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167,1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122,5,126.18, 118.7
(NG) [Wichita](Kans)	5.3 SE;hwy W	1372	75h L6 S6	80,91 oct.Army100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct.(Claremore,
WILL ROGERS Tower (Okla City,Okla)	272 (118.7)		AC (ILS)	(4);118.7,126.18,(Okla) 122.5 Okla.
[Will Rogers](Okla.City)	7.5 SW;hwy E	1283	57h L6 S6	80,91 oct.P-line N,E,W.
(P) Woodring (Enid,Okla)	5 ESE;RR N	1159	65h L5 S6	80,91 oct.
(P) Woodward (new)(Okla)	7.5 W;hwy S,E	2187	55h L5 S2	80,91 oct.Lgts on req
Woodward (mun)(Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
TULSA	110.3	335	354°	IM-	MM- ·—·— (0.65) OM- ——(4.82)
				MMK-	OMK-263 —
WICHITA	110.3	335	3°	IM-	MM- ·—·— (0.69) OM- ——(5.37)
				MMK 201 ·—	OMK- 317 ·— —
WILL ROGERS	109.9	333.8	350°	IM-	MM- ·—·— (0.66) OM- ——(4.6)
				MMK-	OMK-

NEW FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450	23 S1	73 oct.
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	22 S6	80 oct.Trees NE,SW.
Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct.P-line E,N,NE.
[Davis](Healdton,Okla.)	1.3 E;crk W	800	20 S2	80 oct. S,SW.
Hartshorne (Okla)	1 NNW	700	13	Emerg use only.
Hawk's(Henryetta,Okla)	1 N;rd N,E	862	18 S6	80 oct.
Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW.Emerg only
Kingfish(Hinton,Okla)	3.7 N;hwy W	1545	18	
Okemah (Okla)	1 E;city W	870	33 S6	80 oct P-line N,NE
Seiling-Cook's(Seiling)	Adj E	1700	20	P-line N;trees S (Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct P-line S.
Augusta (Kans.)	1 NNE	1260	26 S2	80,91 oct.S blkd.
Memphis (Tex.)	1.4 NNE	2100	38 S2	80 oct.E,SE blkd.
Elk Co. (Moline,Kans.)	2.3 ENE;hwys SW	1050	S	90 oct.
Protection (Kans.)	0.6 SSE;hwy S	1830	24 S2	80 oct.Pole W.Use strips only
Hi-way (Kingman,Kans.)	2.3 W;hwy S	1580	24 S2	80 oct.P-lines SE,S.
Bucklin (Kans.)	0.6 SW;RR N	2400	26 S2	80 oct.Poles N,W.Use strips.
Firebaugh (St.John,Kans)	1.7 NNE;rd E	1885	26 S2	80 oct.Poles N,E.Derrick S.
Cedar Vale (Kans.)	1.5 WNW;hwy S	1000	26 S1	80 oct.Poles N,W.
Davis (Muskogee,Okla)	5.5 S;RR	670	18h	Drills
BROWN Tower (Tulsa, Okla.)	317		CI	3105 (12-sunset.Sats, Suns,holidays)

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
+ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

OKLAHOMA CITY 85

STATUTE MILES 25 0 25 50

OMAHA 37 · TO LA JUNTA · USABLE WITH CAUTION · EXTREMELY HAZARDOUS · ALBUQUERQUE 83 (EXCEPT BY ATC REQUEST) · NON-COMPULSORY REPORTING POINT · COMPULSORY REPORTING POINT

GARDEN CITY 257 111.1,116.1 MC.
GAGE 266 111.1,116.1 MC.
DODGE CITY 362 116.1 MC On request
HUTCHINSON 227 116.1 MC
ANTHONY 382 116.1 MC On request
CLARENDON (W) 233
WILL ROGERS 272 KC. 118.7 MC.
POST AAF 201 KC. 126.18 MC.
OKLAHOMA CITY 350 116.1 MC.
WICHITA 278 KC. 118.7. 126.18 MC.
WICHITA 332 111.1, 116.1 MC.
CHANUTE 284 111.1, 116.1 MC.
PONCA CITY 368 116.1 MC On request
INDEPENDENCE AAF 272 KC. 126.18 MC.
PHILLIPS 278 KC.
TULSA 278 KC. 118.5. 126.18 MC.
TULSA 245 116.1 MC.
TINKER AAF 221
BROWN 317 KC.
ARDMORE 400 116.1 MC On request

FOR CHILDRESS VHF RANGE SEE CHART 146
FOR ROOSEVELT VHF RANGE SEE CHART 146
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 87

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 9°E

ABILENE 107 · FT. WORTH 109 · LITTLE ROCK 89

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	80,91 oct.P-line N,S,W. Port rnwy lgts.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only.obst lgts.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	21 S2	73 oct. Poles E,S.
Cannon Ball (Wichita,Kans)	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24	RRW
Cessna (Wichita,Kans)	4.5 SE	1384	53 S2	80 oct.Wichita Arpt 1 N.
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L S6	80,91 oct.Flood lgts.
Cimmarron (Yukon,Okla)	4 WSW;hwy N	1350	20h	Emerg only.P-line NE,E.
➔ Culver (Wichita, Kans)	4 N	1320	15h	Reported ABANDONED.
➔ Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L S6	80,91 oct.Port rnwy lgts.
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Mun	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
➔ Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto.Port rnwy lgts.Obsts.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. Data unver.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	80 oct.P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct.Poles N,W,SW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35H L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	80,91 oct.Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26	Use in emerg only.
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	See Winfield-Arkansas City under "New Facilities" - name chg.			
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW	1400	44h S6	80,91 oct. Pwr line S.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG)[Wichita] (Kans)	5.3 SE	1372	75h L6 S6	80,91 oct. 100 oct. for Army.
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7,126.18,122.5
[Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91 oct.P-line N,E,W. Port lgts prior req.
Wilson (Wichita, Kans)	7.6 NE	1410	29 L S6	80,91 oct.P-line N,NE,NW.
Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only Pwr line N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
WICHITA	110.3	335	3°	MM- • — • — (0.69)	OM- — — (5.37)
				MMK-201 — • • •	OMK-317 • — —
WILL ROGERS	109.9	333.8	350°	IM- MM- • — • — (0.66)	OM- — — (4.6)
				MMK-	OMK-

NEW FACILITIES

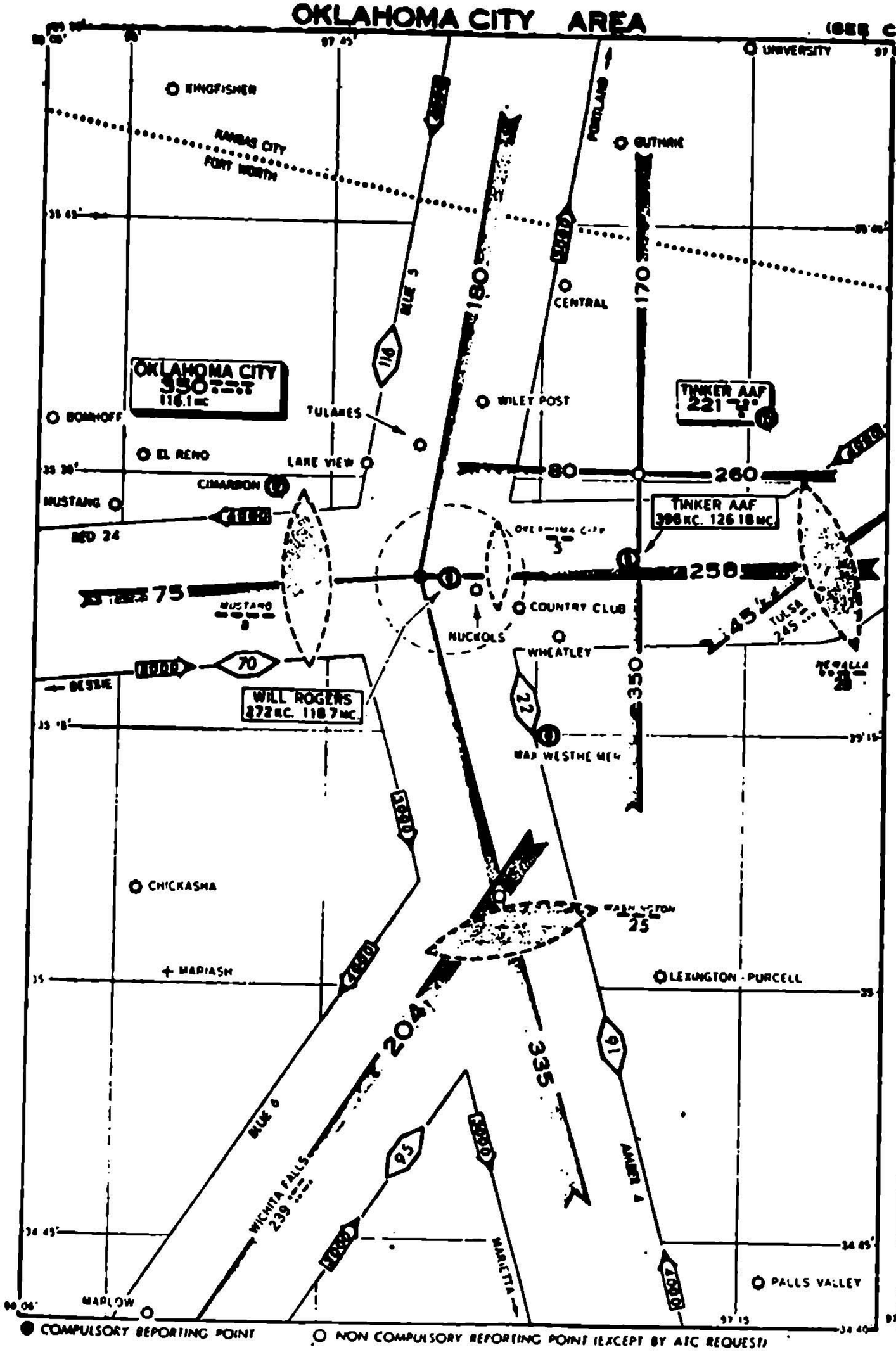
Lexington-Purcell (Lexington,Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct.No sto.
Country Club (Okla.City, Okla)	7.3 S;hwy E	1250	19h S6	80 oct.
(P) Winfield-Arkansas City (Winfield,Kans)	5.7 SSW;RR SE	1150	58h L5 S2	80 oct.No bcn.Use strips.
BEECH Tower (Wichita, Kans)	239		CI	3105,6210 (7-17) daily except Sun & holidays

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

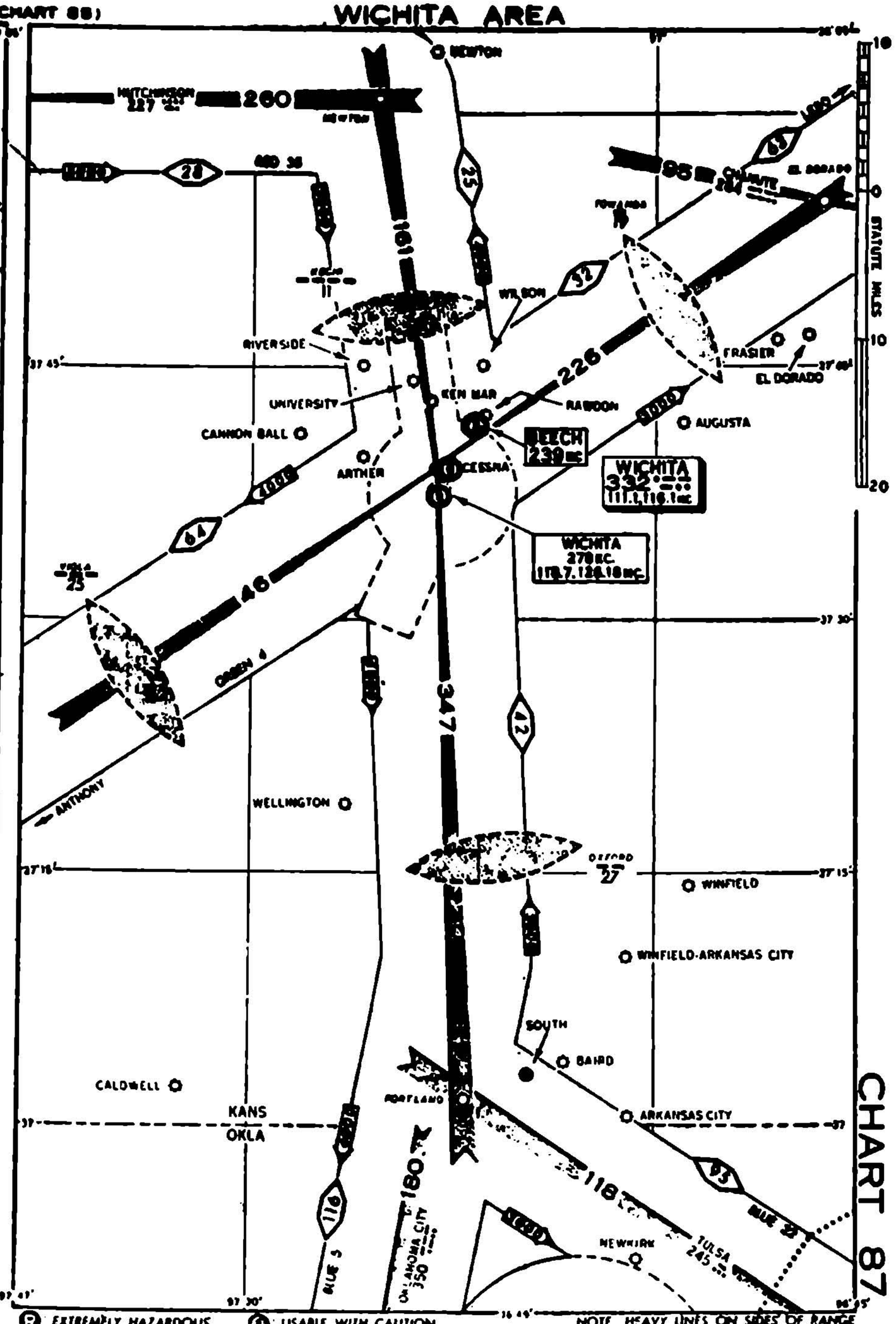
AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➔ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 88)



WICHITA AREA



● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

(R) EXTREMELY HAZARDOUS (S) USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS

CHART 87

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams](Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 ft, JP-1,2-ech maint i.
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd. Trees
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct.P-line SPRIVATE
American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80,91 oct.SE blkd. P-line W.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;RR W	948	40h L S6	80 oct. Flood,obst lgts
Bailey (Cabot, Ark)	0.5 W;RR SE	270	16 S2	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
Batesville (Ark)	3 S;hwy E	400	25 S3	80 oct.N,W blkd.P-line
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd W,N.
Benton (Ark)	1.6 W;hwy N	300	20 S2	80 oct.P-line S.Trees
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	70 oct.Trees S.hwys N,S.
Biggers (Ark)	2 ESE	290	45	;RR 2 NW Cattle on fld.
BLYTHEVILLE Range (Ark)	221 (LY)	226', 14.2	RLWZ	
(P) Blytheville (Ark)	3.5 NW	254	50h S6	80,91 oct.
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct.N,S blkd.Hwy N.
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct.Floodlgts; port rnwy lgts.Poles
Branson (Mo)	4 W;mtn NNW	1069	19 S4	80 oct.W,NW blkd. SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;hwy N	188	31 L3 S1	80 oct. days.Obst NW Heavy acft emerg only.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
Cape Commercial (Mo)	4.8 SW;Hwy N	340	35	CLOSED.P-line N
Carbondale (Ill)	1 E;ltl 1.5 SW	450	23 S6	80 oct.
(P) Carlisle Aux. (Ark)	3 NE;RR S	236	45h	CLOSED.
Carthage (Mo)	See Meyers Field under "New Facilities" - name changed			
Cassville (Mo)	3.9 S;hwy E	1375	26 S1	80 oct.P-line NE.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles S.ver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'.
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct.P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct.P-line N,E.
Cooter (Blythev'l,Ark)	10 NE			ABANDONED
Copp (Calico Rock,Ark)	1.8 N	425	16	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S6	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct.SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S
Embry Riddle (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
Erwin (Newport,Ark)	2.6 SE;rd S	220	45h	CLOSED.
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct.Poles E,N
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	4.5 S;riv E	1251	38 S6	80 oct.P-line SW;ctn.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-line SE,SW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED. Stacks W.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct.N/S strip rough
Girard (Kans)	1.7 WNW	950	14	P-line S,WSW Poles W.
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern,Ark)	3.2 WSW	275	26 S2	73 oct.P-line NE,RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct. P-line N

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Harrison (Ark)	4.1 NW;RR,8 S	1380	32 S2	80 oct.Se,S,NW blkd.
Heber Spgs (Ark)	1.5 NNE;hwy E	625	24 S1	80 oct.P-line E N blkd
Hazen (Ark)	3.8 WSW	225	45h	
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
→ J.B.Wilson (Joiner,Ark)	0.5 ENE			ABANDONED.
→ Jameson (Picher,Okla)	4.5 W			ABANDONED
→ John Brown Universtiy (Mosley,Okla)	See Brown University under "New Facilities" - name changed.			Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR all sides	264	44h S6	80,91 oct.Use rnwys. (Ark)
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S6	80, 91 oct. P-line NE
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N.
→ Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S.Hwy ESE
* Lebanon , 54B, AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct.(Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S.Wires W.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313° 3.8	SBRAZ-DTV	(3); 116.1, 122.1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S. S blkd.
McFarland (Springfield)	4 SSE;hwy E	1310	34 S6	80 oct. P-line S,NW(Mo
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" - Name changed.			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
Manila	1.6 NE	240	55	Cattle on fld.
Marks (Miss)	1.5 NW;hwy S	165	22 S2	80 oct.Trees N,E.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR NE	269	52h L6 S6	73-100 oct JP-1 Rdo rqrd.Obst W,SE,S,NW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req. Rnwy lgts data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct. Lgts on req.
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E (Ark).Emerg only.
Milltown (Tuckerman,	4.5 E;	244	45h	
Monett (Mo)	0.5 NE;hwy S	1362	26 S4	80 oct.P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver.
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct. P-line SW,NW
Neosho 43B,AQ-SL(Mo)	2.8 SW;hwy E	1215	26 L3 S6	80 oct.P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts on req.
→ Norman (Ola, Ark)	1.8 NNE			ABANDONED
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E wet.
Overholt (Cotton Plant)	3 W;hwy S,E	250	18 S1	(Ark) 80 oct.Ctn when
(P) Oxford (Miss)	6 S;hwy	300	20 S6	80,91 oct.Trees NW.Soft.
Paris (Ark)	2.5 NE;RR W	500	23 S1	80 oct.SW blkd.P-line
Poteau (Okla)	1.5 SSW	460	17	RR NW. E,NE.
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N
(P) Prairieville (Almyra, Ark)	5 W	205	45h	
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	18 S2	80 oct. NE.
Rogers (Ark)	2.7 N;RR E	1325	32 S6	80 oct. SE blkd.Trees
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38 L4 S6	80,91 oct. Lgts prior req. Pwr line N
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. PRIVATE. SW.
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	51 S6	80,91 oct.Trees N,SSE.
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct.P-line NE,SE.
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Smith (Hasty,Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
Springdale (Ark)	0.8 SSE; RR,5 W	1200	19 S4	80 oct. P-line NE,SW S,NW blkd.
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct. JP-1 ArmyUse rnwys only
Steele (Blythev'l,Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.5	MRLWZ	
(P) Stuttgart (Ark)	7 N;RR E	223	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
(P) Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	50h S6	73,80 oct.
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	80,91 oct.Twr NW lgtd.
Tucker (Hughes,Ark)	1.1 S			ABANDONED.
Walcott #3 (Walnut Ridge, Ark)	14.2 ESE	285	45h	2 W of Walcott.CLOSED. NOT MAINT.Cattle on fld.
WALNUT RIDGE Range (Ark)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge (Ark)	4 NE;RR SE	275	50h	
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

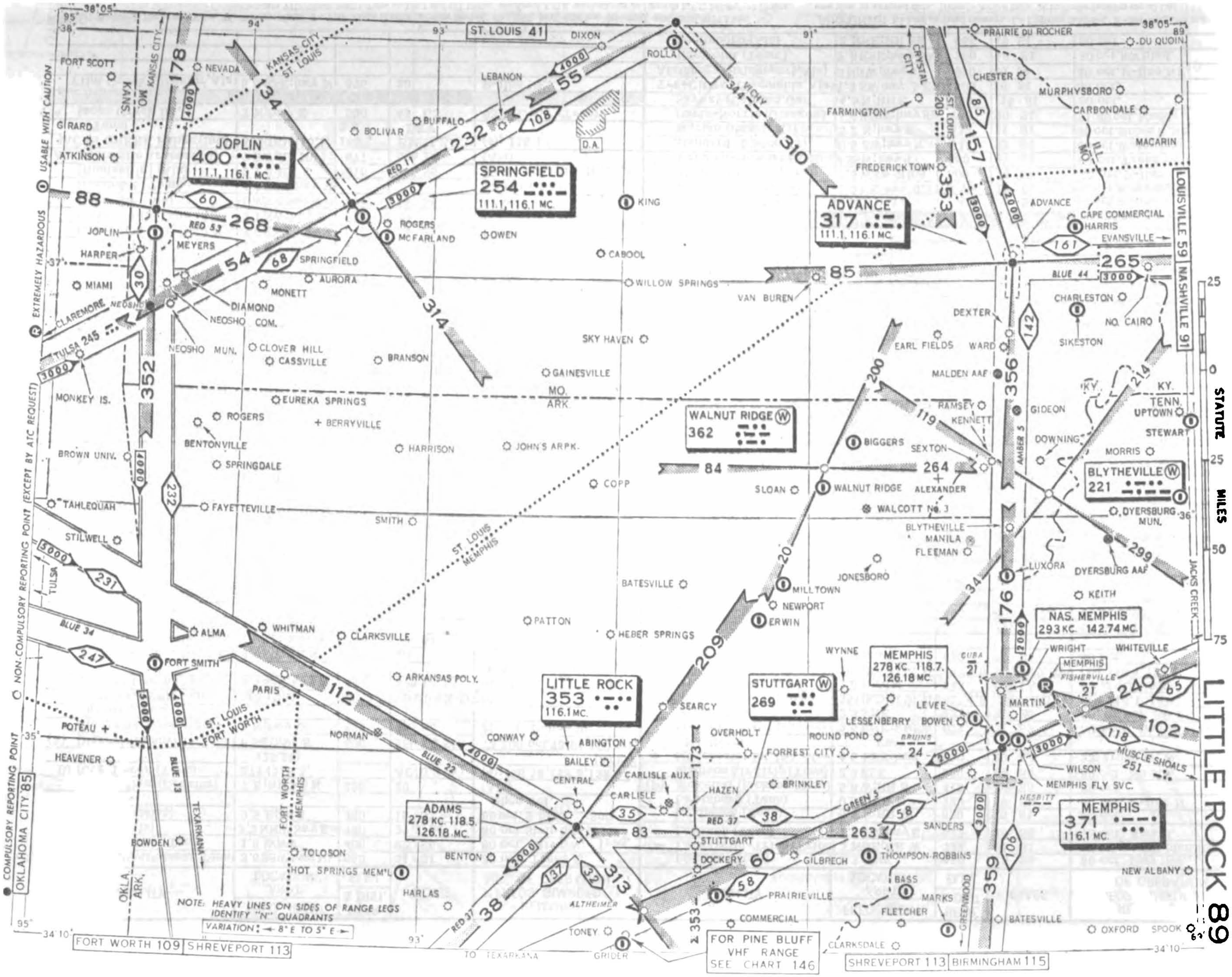
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- (0.69)	OM- (4.8)
					MMK-201	OMK- 215
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Spook (Pontotoc,Miss)	2 W;hwy N	3000	15 S1	80 oct.P-line N.
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Czark,Ark)	1.2 NNW	600	25 S1	80 oct. Hwy SW. Bldg SW.
Martin (Memphis,Tenn)	6 ENE;RR N	258	27 S6	80,91 oct.P-line S.
Czark Skyranch (Eureka Springs,Ark)	See Eureka Springs under "New Facilities" - name changed.			
Central(N.Lit'l Rock,Ark)	5 ENE;hwy S	255	35 S4	80 oct.Trees W.Caution.
New Albany (Miss)	2 W;hwy S	450	15 S1	80 oct.All apps.blkd exc N,S
Wright (Memphis,Tenn)	9 N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Obion,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR SE	350	17 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.3 N	850	24 S1	73 oct.P-line both ends.Soft.
Lassenberry(Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S;hwy E	785	25 S1	Fld 80 oct.Trees sur fld.Soft.
Owen (Seymour,Mo)	3 NE	1200	22 S2	80 oct.Use strip only.
Gainesville (Mo)	2 ENE;hwy SW	1060	18 S1	80 oct.Trees NW.
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE.Bldg N.
Clover Hill Exeter,Mo)	0.7 WNW	1530	13	Use strips only.
Harper (Joplin, Mo)	2.5 W;hwy N	1050	30 S6	80 oct,N,S,SW blkd.Poles
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80 oct. NW,NE.
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Alexander (Paragould,Ark.)	12 NE		25	Trees N,S.Data unver.
Stewart (Union City,Tenn)	5 ESE;hwy NE	340	18h L S6	80,91 oct.Flood lgts.
Meyers (Carthage,Mo)	2 S;hwy E	1007	26 L S6	80 oct.Port rnwy lgts.
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80oct P-line NE,SW,E,S
Harper (Joplin,Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd Poles
Owen (Seymour, Mo)	3 NE;orchard E	1630	21 S2	80 oct.Use strip only NW
Gainesville (Mo)	2.0 ENE;hwy SW	1060	18 S1	80 oct.Trees NW NE
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE;bldg N
Clover Hill Airstrip	0.7 WNW	1530	13	Use strip only
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti, Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N;trees S
Buffalo Mun.(Mo)	1.2 NW;hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N;p-line S
Dixon (Mo)	1.5 W;RR S	1220	16 S1	80oct TreesNNE,NW
Sikeston (Mo) [Ark.]	2 NE; RR S	315	58 S6	80 oct. P-line W.
(P)Hot Springs Memor'l	3SW;hwy N	525	41h L5 S6	80,91 oct. Lgts prior req.
Eureka Springs (Ark)	6.5 NW;riv E	1150	34 S2	80 oct.NW blkd.
Brown University(Mosley ,Okla.)	3.6 ESE;hwy S	1183	27 S6	80 oct.Appchs blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ST. LOUIS 41
JOPLIN 400 111.1, 116.1 MC.
SPRINGFIELD 254 111.1, 116.1 MC.
ADVANCE 317 111.1, 116.1 MC.
WALNUT RIDGE (W) 362
BLYTHEVILLE (W) 221
LITTLE ROCK 353 116.1 MC.
STUTTGART (W) 269
MEMPHIS 278 KC. 118.7. 126.18 MC.
NAS. MEMPHIS 293 KC. 142.74 MC.
MEMPHIS 371 116.1 MC.
ADAMS 278 KC. 118.5. 126.18 MC.
FOR PINE BLUFF VHF RANGE SEE CHART 146
FORT WORTH 109
SHREVEPORT 113
SHREVEPORT 113
BIRMINGHAM 115
LOUISVILLE 59
NASHVILLE 91
OKLAHOMA CITY 85
TULSA 245
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8° E TO 5° E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
LITTLE ROCK 89

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Abernathy(Pulaski,Tenn)	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW. req.
Athens (Ala)	3.2 NNW;hwy E	780	27 L S4	80 oct. Strip lgts prior
Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct. S blkd - Soft when wet.
Beaver Dam (Decatur)	7 E;RR 3.5 N	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(A) [Berry] (Nashville,Tenn)	6 SE;hwy S	606	55h L6 S6	73,100 oct. 73,91,100 oct. Army
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct. Fld lgts on req. to commun. stn.
Boyd (McMinnville,Tenn)	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE,SW
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S;RR E	557	54h	TMP INACT-NO FACS. CLOSED.
CHATTANOOGA Range (Tenn)	341(CB)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
[Chattanooga-Lovell]	5.5 E;RR E	678	45h L5 S6	80, 91 oct. (Tenn)
Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W.
Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	39 L3 S1	80 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct. Flood,strip lgts 2200, Mon thru Thurs.
Courtland (Ala)	1.8 W	588	50h	CLOSED.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct. No sto. (Tenn)
→ Dalton (Ga)	5.7 ESE;riv NE	700	22 S1	80 oct. Trees N.
Davenport (Ft.Payne,Ala	1.1 NE;RR,hwy NW	1010	24 L S4	80 oct. Flares prior req.
DeSoto Park Land Strip (Ft.Payne, Ala)	6 NE	1556	18	
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	P-line E. Trees W.
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct. E blocked.
Garnett (Hopkinsv'l,Ky)	5.5 SSE;RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
★ Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	Reservoir S. P-line SE.
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct. Ctn.
Humboldt (Tenn)	4.6 ESE;hwy W			ABANDONED.
[Huntsville] (Ala)	3.1 S;RR E	610	38h S6	80-91 oct. Hills NE,E,S.
(A) Huntsville Arsenal (A)	7 SW;RR NW	677	50h L5	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186°, 2.6	BMRLZ-DTV	(4); 116.1
★ Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
NEW FACILITIES				
Flint Creek (Decatur,Ala)	5.5 SSE;hwy N	575	20	P-line NE.
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
→ La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80,91 oct. SW blkd. (Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct. No sto.
Lexington (Tenn)	0.5 E;RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N.
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
* Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct. P-line NW. (Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE.
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E;rd N	545	40h L5 S1	80,91 oct. No fuel for mil acft.
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBMRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W
[Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct. No sto. lgts 1 for 1 eq.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct. No sto. P-line N,
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct. S blkd. Hwy E.
Skv Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
★ Smithville Int,5,NA-WA	1 E;rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn)(A)	17 SE;RR SW	512	55h	TMP INACT-NO FACS.
S.T.College(Murfreesb'o)	2 E; hwy N	600	34 S4	80 oct. Poles N. (Tenn)
Thomas(Chattanooga)	3 N;RR E	640	38	(Tenn)
University of South	1.8 WNW;RR NE	870	23 S2	80 oct. (Cowan,Tenn)
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma,
Wood-Dearing(Russellv'l,Tenn)	4 E	780	20 S4	Fuel from town Tenn)

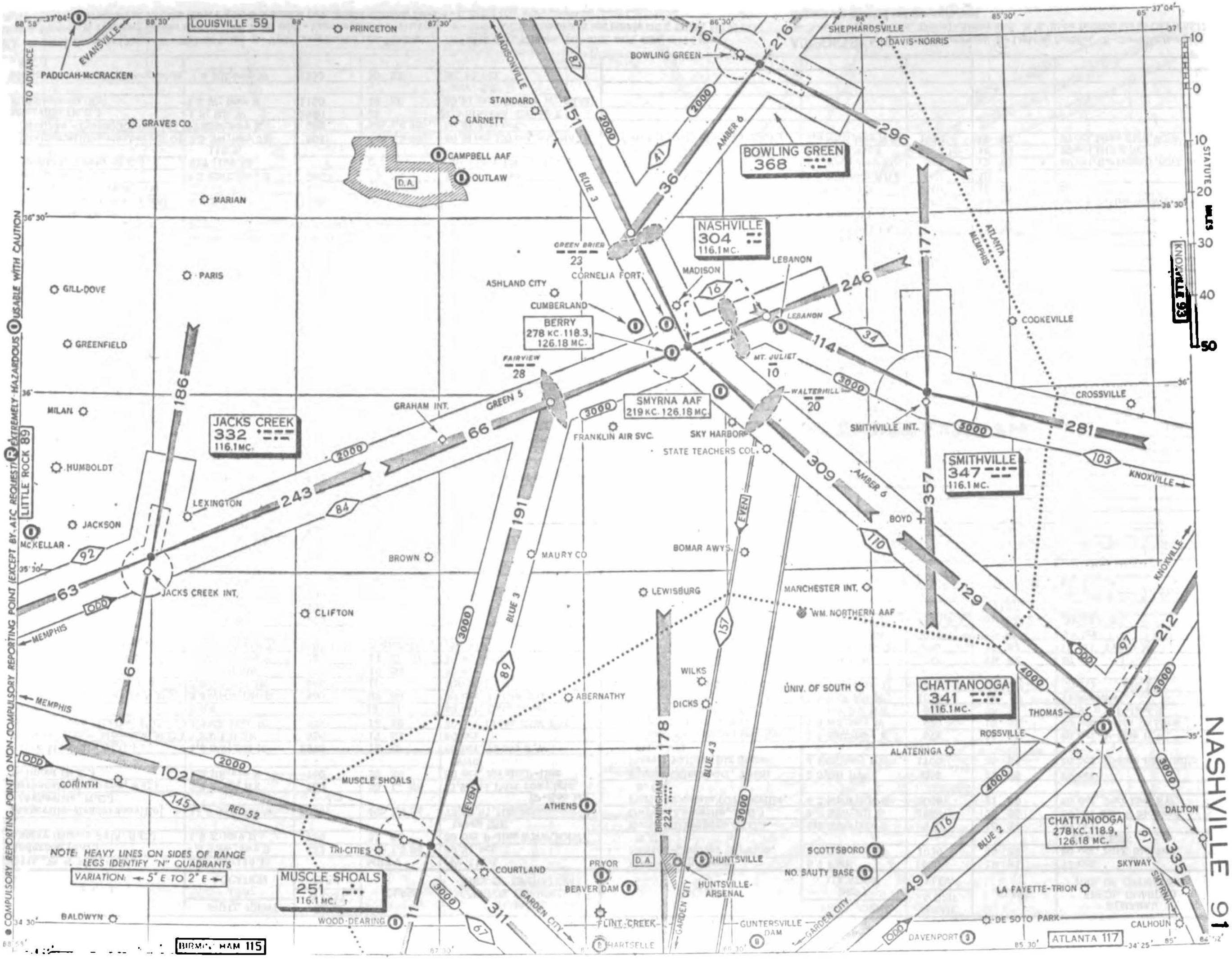
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM- •—•—(0.81)	OM- — — (5.7)
					MMK- 356 •—••	OMK-375 ••—•
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM- ••••••(0.81)	OM- — — (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES					
Greenfield (Tenn)	2 SSW;riv S	410	35 S1	80 oct. P-line N	NW-
Moody(Oneonta,Ala)	1.5 NE;hwy 0.5 NW	790	18 S4	80 oct. Soft when wet, blkd,	
Abington (Beebe,Ark)	1.5 WSW;RR S	300	24 S1	80 oct. P-line SE.N,NE.	
Princeton (Cedar Bluff)	4 SSW;hwy S	400	25 S1	80 oct. Trees SW. (Ky)	
Standard (Elkton,Ky)	0.5 SW;hwy N	540	22 S1	80 oct. Water tank E of N	
Marian (Hazel, Ky)	3.2 N;hwy E	532	21 S1	80 oct. Poles E,NE.	end
Davis-Norris (Glasgow)	1.4 WSW;hwy SE	760	20 S1	91,80 oct. Muddy.	strip
Skyway (Calhoun,Ga)	4.5 N;RR E	730	15 S1	80 oct.	
Tri-Cities (Tuscumbia,Ala)	1.2 SW;hwy .5 ENE	500	26 S4	80 oct.	
Alatennga (Bridgeport,Ala)	3 NNW;hwy SE	650	20 S4	80 oct. P-line NE.	
Humboldt (Tenn.)	2.8 ESE;hwy SW	380	18 S1	80 oct. SW blkd.	
Scottsboro (Ala)	2 NNE;RR SE	666	19 S1	80 oct.	

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LOUISVILLE 59
PRINCETON
EVANSVILLE
PADUCAH-McCRACKEN
TO ADVANCE
GRAVES CO.
STANDARD
GARNETT
CAMPBELL AAF
OUTLAW
D.A.
MARIAN
PARIS
GILL-DOVE
GREENFIELD
MILAN
HUMBOLDT
JACKSON
McKELLAR
LITTLE ROCK 89
LEXINGTON
JACKS CREEK INT.
MEMPHIS
CLIFTON
BROWN
MAURY CO
LEWISBURG
BOMAR AWYS.
MANCHESTER INT.
WM. NORTHERN AAF
WILKS
DICKS
ABERNATHY
ÚNIV. OF SOUTH
ROSSVILLE
ALATENNGA
THOMAS
CORINTH
MUSCLE SHOALS
TRI-CITIES
ATHENS
COURTLAND
PRYOR
BEAVER DAM
FLINT CREEK
WOOD-DEARING
BALDWYN
HUNTSVILLE
HUNTSVILLE-ARSENAL
GUNTERSVILLE DAM
SCOTTSBORO
NO. SAUTY BASE
LA FAYETTE-TRION
DE SOTO PARK
DAVENPORT
CALHOUN
SKYWAY
DALTON
SHEPHARDSVILLE
DAVIS-NORRIS
BOWLING GREEN
BOWLING GREEN 368
NASHVILLE 304 116.1 MC.
GREEN BRIER 23
CORNELIA FORT
ASHLAND CITY
CUMBERLAND
BERRY 278 KC. 118.3, 126.18 MC.
FAIRVIEW 28
MADISON
LEBANON
MT. JULIET 10
WALTERHILL 20
COOKEVILLE
CROSSVILLE
SMITHVILLE INT.
SMITHVILLE 347 116.1 MC.
SMYRNA AAF 219 KC. 126.18 MC.
FRANKLIN AIR SVC.
SKY HARBOR
STATE TEACHERS COL.
GRAHAM INT.
JACKS CREEK 332 116.1 MC.
CHATTANOOGA 341 116.1 MC.
CHATTANOOGA 278 KC. 118.9, 126.18 MC.
ATLANTA 117
BIRMINGHAM 115
KNOXVILLE 93
NASHVILLE 91
ATLANTA MEMPHIS
BLUE 3
BLUE 43
BLUE 2
AMBER 6
GREEN 5
RED 52
BIRMINGHAM 224
GARDEN CITY
MADISONVILLE
KNOXVILLE
SMYRNA
EVEN
ODD
151
216
296
36
41
87
2000
3000
4000
177
246
114
34
16
10
20
281
103
357
309
110
129
97
212
335
49
91
116
178
157
89
67
311
11
191
186
66
243
84
63
6
102
145
92
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5° E TO 2° E
COMPULSORY REPORTING POINT; NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ANDERSON H Fac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct.P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR W	2090	40h L5 S4	73,80,91,100 oct. P-line NE.
(P) Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73,91 oct.Port rnwy lgts.
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto.P-line WNW.
→ Black Mountain (N.C.)	1.8 SW; RR N	2270	18 S6	80 oct. Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct.Trees SSW,ESE.
Bristol (Va)	3 NE		18 S1	80 oct. Data unver.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct.Flood lgts on req.
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct.P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;RR N	745	52h L5 S6	80, 91 oct.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80,91 oct.
Francis Marion (Marion,N.C.)	2.5 NE;RR N	1450	19 S6	80 oct. Hill E
Franklin (N.C.)	1.2 ESE;riv W	1996	28 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	27 S4	80 oct.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts. on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2°,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW
Hendersonville (N.C.)	1.5 ESE;hwy SW	2200	30 S6	80, 91 oct.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
→ Jasper (Ga)	1.2 NNW;RR SW	1935	16 S2	80 oct.
Johnson City (Tenn)	3.8 NE	1650	21 S6	81 oct. No sto.
Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°.2.8	SBRAZ-DTV	(3); 116.1, 122.1
KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
(P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	31 L2 S6	80, 91 oct.Poles SSW.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	317 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(N,P) [Memorial] (Spartanburg,S.C)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct.100 oct.mil.NATS
(P) [McGhee-Tyson] (Knoxville)	12 SSW;hwy E	988	50h L6 S6	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct.P-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct.P-line S.
Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17 S4	Trees NNW.
SPARTANBURG Range (Memorial) (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 115. , 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
→ Statesville (N.C.)	3.6 WSW; RR SE	990	27 S2	80 oct. Trees N.
Sylva (N.C.)	2.4 NE;riv SW	2039	23 S2	80 oct,
TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

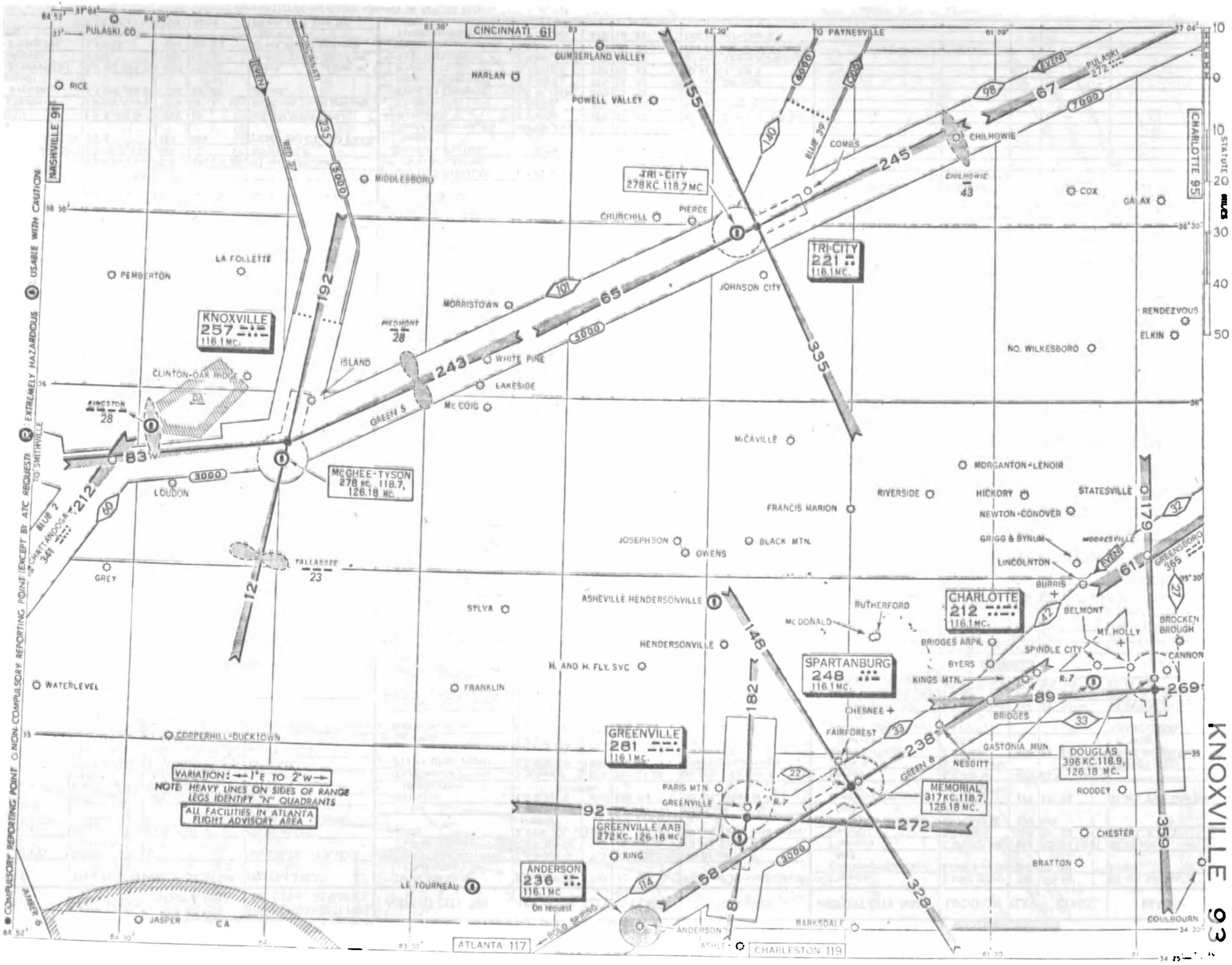
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Mc-GHEE TYSON	110.3	335	44°	MM- ·—·— (0.61)	OM- — — (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Combs (Bristol,Va)	3 NE	1865	20 S6	80 oct.P-line N.
McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5
Harlan (Dillon,Ky)	0.5 E;RR N	1150	21 S1	80 oct.Pole E. Ctn.Mtns
Riverside Arpk (Morganton,N.C.)	2 W;riv NE	1020	22 S2	80 oct,Mtn E.
Rendezvous (Jonesville,N.C.)	1 E;riv N	1000	22 S1	80 oct.NW blkd.
Bratton (Chester,S.C.)	1.4 SE;RR SW	550	17 S2	80 oct,Emerg. only.
Copperhill-Ducktown	2.5 NE	1700	15	(Copperhill, Tenn)
Waterlevel (Cleveland,Tenn)	3 SSE;hwy N	800	20 S1	80 oct. N,S blkd.
Grey (Athens, Tenn)	2.2 N;RR E	691	23 S4	80 oct.
Pemberton(Glenmary,Tenn)	0.8 NNE;RR W	1370	18	E,W blkd.
White Pine (Tenn)	0.5 S;hwy E	1160	18 S1	80 oct.
Mc Coig(Newport, Tenn)	5 W;hwy N	1330	16	P-line E
London (Tenn)	1.8 WSW;riv 1 N	800	14 S1	80 oct
La Follette(Jacksboro,Tenn)	1.5 NE;RR NW	1129	18 S1	80 oct
Clinton-Oak Ridge(Clinton)	4.6 S;rd S	860	20 S4	80 oct.P-line WSW;ENE blkd.
Churchill (Tenn)	1 SE;riv 1 S	1240	22 S1	80 oct. (Tenn)
Mt. Holly (N.C.)	2.5 NW;hwy,RR E	850	20	
Nesbitt (Gaffney,S.C.)	2.1 WNW;hwy SE	800	15 S1	80 oct,E,erg only,NNE blkd.
Cox Fld (Independence,Va.)	4.5 WSW;riv S	2459	16 S2	80 oct,Hill E,W.
→ Cumberland Valley(Lynch,Ky.)	2.8 NNE;hwy N,W	1530	18 S2	80 oct,Mtns ENE,WSW.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ☆ - Guarded only when controlling tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


CINCINNATI 61
TO PAYNESVILLE
PULASKI CO
RICE
HARLAN
GUMBERLAND VALLEY
POWELL VALLEY
NASHVILLE 91
CHARLOTTE 95
MIDDLESBORO
TRI-CITY 278KC. 118.7MC.
CHURCHILL
PIERCE
COMBS
CHILHOWIE
COX
GALAX
LA FOLLETTE
PEMBERTON
KNOXVILLE 257 116.1MC.
TRI-CITY 221 116.1MC.
JOHNSON CITY
MORRISTOWN
PIEDMONT 28
RENDEZVOUS
ELKIN
NO. WILKESBORO
ISLAND
WHITE PINE
LAKESIDE
Mc COIG
CLINTON-OAK RIDGE
KINGSTON 28
McGHEE-TYSON 278 KC. 118.7, 126.18 MC.
LOUDON
MICAVILLE
MORGANTON-LENOIR
RIVERSIDE
HICKORY
STATESVILLE
FRANCIS MARION
NEWTON-CONOVER
JOSEPHSON
OWENS
BLACK MTN.
GRIGG & BYNUM
MOORESVILLE
LINCOLNTON
GREENSBORO 365
TALLASSEE 23
GREY
SYLVA
ASHEVILLE HENDERSONVILLE
RUTHERFORD
MC DONALD
CHARLOTTE 212 116.1MC.
BURRIS
BELMONT
MT. HOLLY
BROCKEN BROUGH
CANNON
HENDERSONVILLE
H. AND H. FLY. SVC
BRIDGES ARPK.
SPINDLE CITY
BYERS
KINGS MTN.
SPARTANBURG 248 116.1MC.
WATERLEVEL
FRANKLIN
CHESNEE
BRIDGES
FAIRFOREST
GASTONIA MUN
DOUGLAS 396 KC. 118.9, 126.18 MC.
NESBITT
COOPERHILL-DUCKTOWN
GREENVILLE 281 116.1MC.
PARIS MTN.
GREENVILLE
MEMORIAL 317 KC. 118.7, 126.18 MC.
RODDEY
GREENVILLE AAB 272 KC. 126.18 MC.
CHESTER
KING
BRATTON
ANDERSON 236 116.1MC On request
LE TOURNEAU
JASPER
CA
BARKSDALE
COULBOURN
ATLANTA 117
CHARLESTON 119
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
TO SMITHVILLE
TO CHATTANOOGA 341
STATUTE MILES
KNOXVILLE 93

CHARLOTTE

RADIO — NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3);116.1,122.1
DOUGLAS ARPT. (Charlotte)	396(126.18, 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SERAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18, 118.7)	C; 241°, 1.5	(4);118.7,126.18,122.5
LUMBERTON	278(FNE)	MH	(3)
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V ;355°,2.3	(3); 116.1
Pope Field	396(126.18)+	CA(ILS);355°, 2.3	(3);126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	SMRLWZ;328°,5.1	
[redacted]			
FLORENCE	320(FL)(116.1)	SBMRLZ-DTV, 292°,1.7	(4);116.1,122.1
[redacted]			
DANVILLE	344(VE)(116.1)	MHTV	(4);116.1 (Manned 8-24)
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(RO)(116.1)	SBRAZ-DTV, 349°,1.8	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18
NEW RADIO FACILITIES			
RALEIGH-DURHAM (Raleigh),N.C.	266(126.18, 118.3)	C	(4);126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
POPE(A)				DECOMMISSIONED		
RALEIGH,	109.9	333.8	48°	IM-	MM- ·-·- (0.62)	OM- ——(4.43)
				MMK-		OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

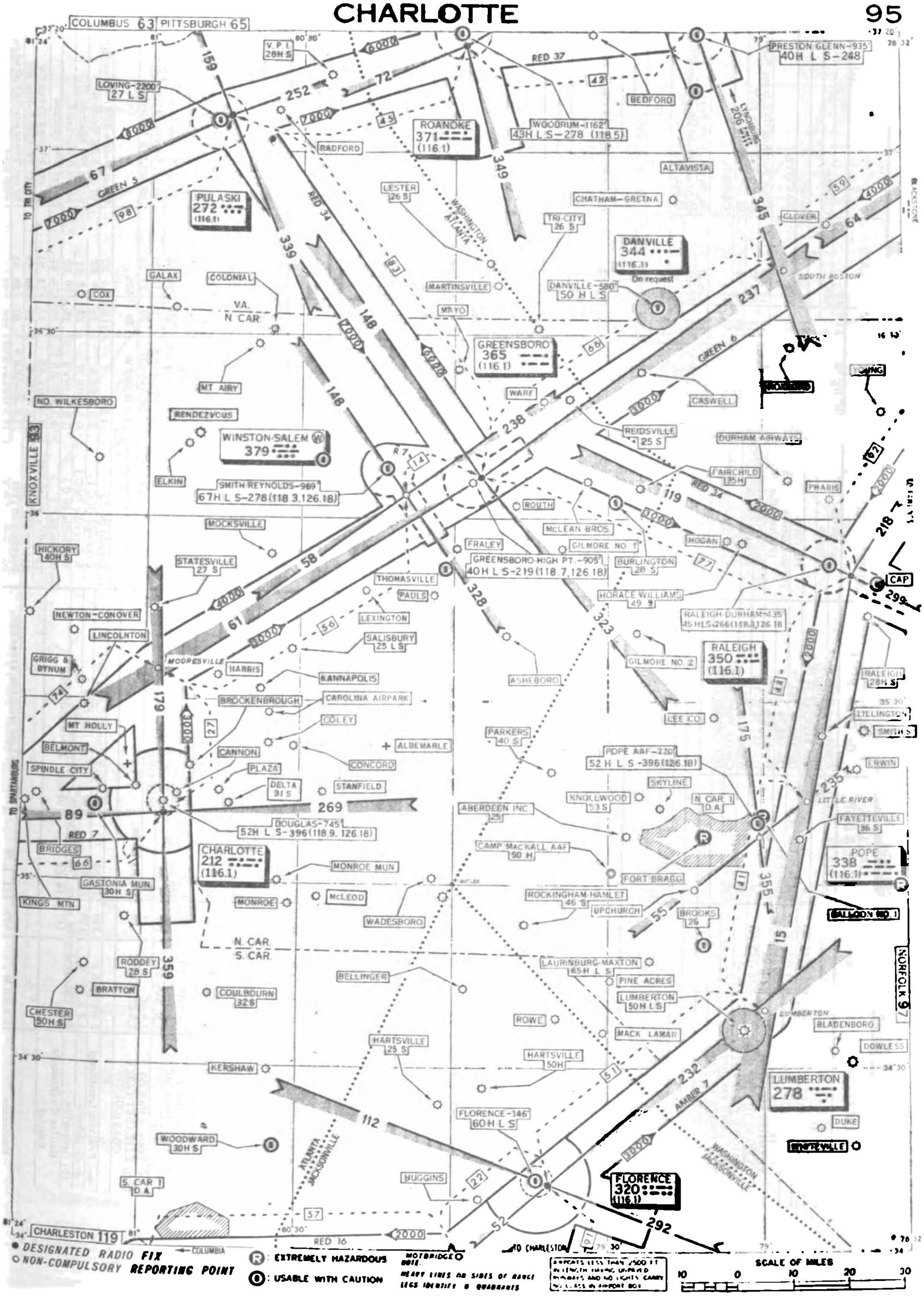
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25 S2	80 oct E,SE,W,NW blocked
Asheboro	1.8 SSW	864	18 S6	80 oct. Hwy NW.
(A)Balloon (Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct. No sto. P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	24 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct. Pole line SSE.
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct. Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS.
Candor (NC)	1.1 E,RR N	710	19	NE,SW,WNW blkd.
Cannon (Charlotte)	3 WNW,hwy S	788	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 S2	80 oct. line W, S
Cpley (Concord)	2 SW,	790	12 S2	80 oct. Trees ESE. Fwr
Colonial Flying Svc. (Mt. Airy)	1.4 NNE, Quarry SE	950	20 S2	80 oct. Pole line, trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S6	80 oct. Pole line NE.
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct. No sto. Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct. Trees N,S.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S4	80,91 oct,
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct. Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct. Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Trees N,S blkd.
(N)GREENSBORO-HIGH POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct. NATS
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct. Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80,91 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE;RR W, S	400	19 S4	80 oct. Pwr line sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct. Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct. Pole line NW.
(P)Lumberton	3 WSW	126	50h R1 L2 S6	80,91,100 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct
Mayo (Mayodan)	0.8 W,riv E	900	24 S2	80 oct. P-line N,S. Trees W
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	29 S4	80,91 oct, P-line SE,SSW, WSW
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct.
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S6	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR	700	40 S1	80,91 oct SW blkd.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW,SW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct. P-line S
(A)Pope (Ft. Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RR W	364	28h S6	80,91 oct.
RALEIGH-DURHAM (Raleigh)	10.5 NW,RR W	435	45h R3 L6 S4	80,91,100 oct
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,E,SW blkd.
Roxboro	7 NE,RR 2.3W	600	24 S2	80 oct.
Salisbury	3 SW,RR E	764	25 L2 S6	80,91 oct. Trees ESE.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S6	80 oct, N,S blkd.
(P)SMITH REYNOLDS (Winston-Salem)	2.8 NNE,RR W	969	67h R2 L5 S6	80,91 oct, Rnwy data unver.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	3.6 WSW	990	27 S2	80 oct, Trees N, RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel, hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees NNW,SSE
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct. blkd.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct P-line E

AIRPORTS — SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct. No sto. Pole line S, WSW.
Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED
Roddey (Rock Hill)	2.7 SW,RR NW	664	28 S4	80,91 oct. Pole line S.
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S1	80,91 oct.
[redacted]				
Altavista	5.7 ENE;riv 2S	650	21	
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h L5 S6	80,91 oct.
Galax	6.5 S,hwy E	2575	27 S4	80 oct.
Lester (Martinsville)	0.8 NNW, RR N	1000	24 S6	80,91 oct. 20-75' bldgs SE.
Loving, 35A, NA-WA (Pulaski)	2.8 N,RR SE	2200	27 R1 L3 S4	80 oct. Poles SW. No sto.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I (Blacksburg)	1,3 SSE,RR W	2100	50h L S6	80,91 oct. Flood lgts only 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Rd W.
NEW AIRPORTS				
Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate) (N.C)	1.5 SE; RR N	365	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N C)	6.5 SSE	775	26	80,91 oct.
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct. High trees S, SW appchs. NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct. Trees N,S.
Radford, (Va.)	1 SW;RR N;W	1950	18 S1	80 oct. P-line W
Grigg & Bynum Arpk (Malden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
Lincolnton (N.C.)	3.2 ENE	1500	30 S6	80 oct. P-line SSW
Rendezvous(Jonesv'l)	1.0 E;riv N	1000	22 S1	80 oct. NW blkd. (N.C)
Bladenboro (N.C.)	0.7 NE;RRW	110	24 S2	80 oct.
Smith's (Coats,N.C.)	1 N;RR	288	13 S1	80 oct. P-line SSE,NNW
Dowless(Abbotsburg)	0.2 N;RR S	99	24 S1	80 oct. SE, NS / blkd.
Mack Lamar(Clio,S.C)	2.3 NE	172	21 S2	80 oct. E,SE blkd. (N.C)
Chatham-Gretna (Va)	6 SE;ditch E	550	24 S2	80 oct. Trees ENE,WSW,W
Albermarle (N.C.)	1.7 NW	565	37	Data unver.
Cox Fld. (Independence, Va.)	4.5 WSW; riv S	2459	16 S2	80 oct. Hill E,W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII INC-(not charted). → NEW OR REVISED DATA

CHARLOTTE


COLUMBUS 63 PITTSBURGH 65
V.P.I. 28H S
LOVING-2200' 27 L S
PRESTON GLENN-935' 40H L S-248
RED 37
BEDFORD
ROANOKE 371 (116.1)
WOODRUM-1162' 43H L S-278 (118.5)
RADFORD
ALTAVISTA
LYNCHBURG 206
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
CHATHAM-GRETNA
TRI-CITY 26 S
DANVILLE 344 (116.1) On request
GLOVER
SOUTH BOSTON
GALAX
COLONIAL
COX
VA.
N CAR
MARTINSVILLE
MAYO
DANVILLE-580' 50 H L S
GREENSBORO 365 (116.1)
MT AIRY
WARF
CASWELL
NO. WILKESBORO
RENDEZVOUS
WINSTON-SALEM 379
ELKIN
SMITH REYNOLDS-969' 67H L S-278 (118.3,126.18)
REIDSVILLE 25 S
DURHAM AIRWAYS
FAIRCHILD 35H
PHARIS
ROUTH
McLEAN BROS
GILMORE NO. 1
HOGAN
MOCKSVILLE
FRALEY
GREENSBORO-HIGH PT.-905' 40H L S-219 (118.7,126.18)
BURLINGTON 28 S
HICKORY 40H S
STATESVILLE 27 S
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-435' 45 H L S-266 (118.3,126.18)
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
RALEIGH 350 (116.1)
GRIGG & BYNUM
MOORESVILLE
HARRIS
KANNAPOLIS
GILMORE NO. 2
ASHEBORO
RALEIGH 28H S
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO
LILLINGTON
SMITHFIELD
COLEY
PARKERS 40 S
MT HOLLY
BELMONT
CANNON
ALBEMARLE
POPE AAF-220' 52 H L S-396 (126.18)
SPINDLE CITY
PLAZA
CONCORD
ERWIN
DELTA 31 S
STANFIELD
SKYLINE
KNOLLWOOD 53 S
N CAR 1 D A
ABERDEEN INC. 25
LITTLE RIVER
FAYETTEVILLE 36 S
DOUGLAS-745' 52H L S-396 (118.9, 126.18)
RED 7
BRIDGES
CHARLOTTE 212 (116.1)
CAMP MACKALL AAF 50 H
POPE 338 (116.1)
MONROE MUN
GASTONIA MUN. 30H S
KINGS MTN
MONROE
McLEOD
FORT BRAGG
ROCKINGHAM-HAMLET 46 S
UPCHURCH
BROOKS 26
WADESBORO
N. CAR.
S. CAR.
LAURINBURG-MAXTON 65H L S
PINE ACRES
RODDEY 28 S
BELLINGER
LUMBERTON 50H L S
BRATTON
COULBOURN 32 S
CHESTER 50H S
ROWE
MACK LAMAR
BLADENBORO
DOWLESS
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
LUMBERTON 278
FLORENCE-146' 60 H L S
DUKE
WOODWARD 30H S
ATLANTA JACKSONVILLE
WASHINGTON JACKSONVILLE
HUGGINS
S. CAR 1 D A
FLORENCE 320 (116.1)
CHARLESTON 119
COLUMBIA
MOTORIDGE
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
→ BOGUE MCAAF			DECOMMISSIONED
CAMP LEJEUNE OLF(New Riv.)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
→ OAK GROVE MCAAF (Pollocksville)			DECOMMISSIONED
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	326(NFO)	BRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)
[redacted]			
BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
→ LANGLEY FIELD (Army)	221(DLY)	SBMRAPZ-DTV;102°,3.8	(3)
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h L S6	80,91 Oct. Flood lgts. Trees SE
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jackson-ville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
→ Franklin(Louisburg)	2 WSW;RR S	290	17 S2	80 oct. P-line SSE,Hill NNW.
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports" -name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,	147	18 S2	80 oct. Trees ENE,NNW
Henderson	3 S,RR W	490	21 L S6	80,91 oct.Lgts prior req.Trees ESE, WNW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h	INACTIVE.
Peiffer(Wilmington)	6 ESE,hwy N	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
ROCKY MOUNT	2.3 N,RR E	114	40h S3	80 oct. Use rnwys only.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	CLOSED.
SIMMONS-KNOTT	2.5 SSE	19	40h S1	80, 91 oct. (New Bern)
Tarboro	2 ESE,riv NNW	50	30 S6	80,91 oct.Flood lgts.P-line NNE,NE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L S4	80-100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S2	80 oct.

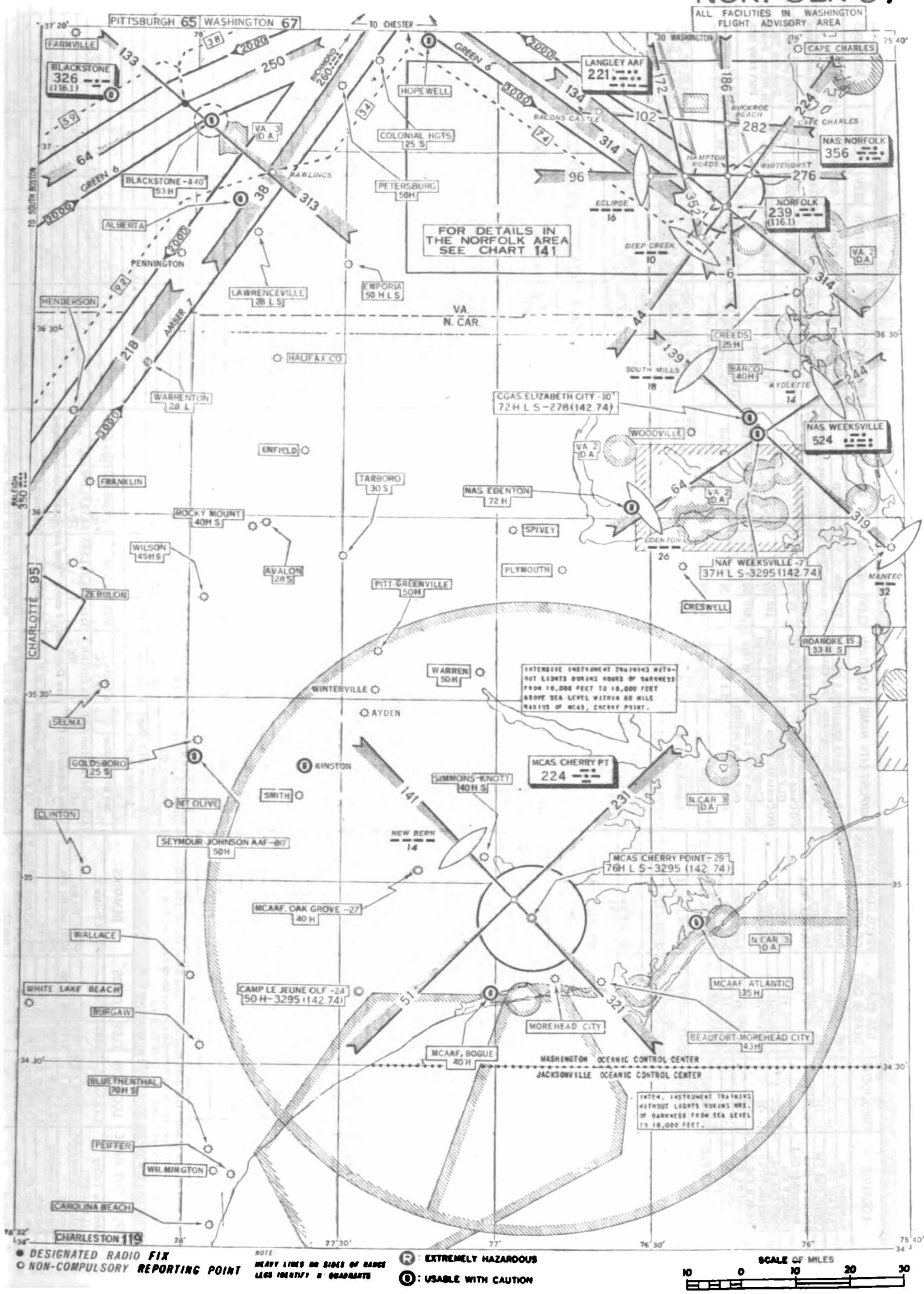
VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP,INACT;
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW, (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
Creeds	1.5 E,bay E	10	25h	
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80,91 oct.
Petersburg	6.2 WSW,RR N	190	50h	
→ Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,SW,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P) Pitt-Greenville (Greenville,N.C.)	1.8 NNW;RRE	25	50h L3 S1	80,91 oct.Lgts on req.
Cape Charles (Va)	1.8 E;RR S	15	22 S2	80 oct.NW blkd.House SSE.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
→ Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE			ABANDONED.
Smith Fld (Kinston,N.C.)	3.7 SW;riv NW	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S1	80 oct.No sto.(White Lake) E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
→ Enfield (N.C.)	1.8 E	113	15 S2	80 oct.P-line SSW. Trees NNE,SSW.
Creswell (N.C.)	0.5 N;RR S	15	19 S2	80 oct.S,SE blocked
Winterville (N.C.)	0.5 E;RR W	25	12 S1	80 oct.NW blocked.
Woodville (N.C.)	1.5 W;hwy S	15	20 S6	80 oct.S blocked.
→ Ayden (N.C.)	0.7 SSW;RR E	25	20 S1	80 oct.ESE blocked
Thalia(Va.Beach,Va)	8 W;hwy 58	17	23 S1	80 oct.NE blkd.Trees SW
Roosevelt(Portsmouth,Va)	4.2 W;RR S	15	33 S6	80 oct Tree SE.P-line NW
Portsmouth (Va)	7.8 WSW;RR S	20	35 S1	80 oct Trees sur fld.Soft when wet.
Pennington(Brodnox,Va)	1.2 NWhwy NNE	325	21	NNE blkd.
Peanut City(Suffolk,Va)	2.8 N;hwys SE	40	25 S2	80 oct.SSW blkd.Trees NNE
Norview(Norfolk,Va)	4.5 NNE	16	24 S6	80 oct. P-line S,

NORFOLK 97


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 65 WASHINGTON 67
TO CHESTER
FARMVILLE
BLACKSTONE 326 (116.1)
RICHMOND 260
HOPEWELL
LANGLEY AAF 221
CAPE CHARLES
BUCKROE BEACH 282
CAPE CHARLES
NAS NORFOLK 356
VA 3 D A
COLONIAL HGTS 25 S
BACONS CASTLE
HAMPTON ROADS
WHITEHURST 276
BLACKSTONE - 840 53 H
RAWLINGS
PETERSBURG 50H
ECLIPSE 16
NORFOLK 239 (116.1)
ALBERTA
PENNINGTON
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
DEEP CREEK 10
VA 2 D A
LAWRENCEVILLE 28 L S
EMPORIA 50 H L S
HENDERSON
VA.
N. CAR.
CREEDS 25 H
HALIFAX CO
SOUTH MILLS 18
BARCO 40H
AYDLETTE 14
CGAS ELIZABETH CITY - 10' 72 H L S - 278 (142.74)
WARRENTON 28 L
WOODVILLE
NAS WEEKSVILLE 524
ENFIELD
VA 2 D A
FRANKLIN
TARBORO 30 S
NAS EDENTON 72 H
SPIVEY
ROCKY MOUNT 40H S
EDENTON 26
WILSON 45H S
AVALON 28 S
NAF WEEKSVILLE -7 37 H L S - 3295 (142.74)
MANTEO 32
ZEBULON
PLYMOUTH
PITT-GREENVILLE 50H
CRESWELL
ROANOKE IS. 33 H S
WARREN 50 H
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000 FEET TO 18,000 FEET ABOVE SEA LEVEL WITHIN 80 MILE RADIUS OF MCAS, CHERRY POINT.
WINTERVILLE
AYDEN
SELMA
GOLDSBORO 25 S
KINSTON
MCAS CHERRY PT 224
SIMMONS-KNOTT 40 H S
SMITH
MT OLIVE
N CAR 3 D A
CLINTON
SEYMOUR-JOHNSON AAF - 80' 50 H
NEW BERN 14
MCAS CHERRY POINT - 29' 76 H L S - 3295 (142.74)
MCAAF, OAK GROVE - 27 40 H
WALLACE
N CAR 3 D A
MCAAF ATLANTIC 35 H
WHITE LAKE BEACH
CAMP LE JEUNE OLF - 24 50 H - 3295 (142.74)
BURGAW
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43 H
MCAAF, BOGUE 40 H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
BLUETHENTHAL 70 H S
INTENS. INSTRUMENT TRAINING WITHOUT LIGHTS DURING HRS. OF DARKNESS FROM SEA LEVEL TO 18,000 FEET.
PEIFFER
WILMINGTON
CAROLINA BEACH
CHARLESTON 119
TO SOUTH BOSTON
RALEIGH 350
CHARLOTTE 95
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS INDICATE R ORADIANTS
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

LOCATION	FREQ. IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (San Bernardino Co.)	365(DG)(vhf)	SBRAZ-VDT, 149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV 298°, 3.9	(3);116.1,122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTVXV 244°,3.9	(3):116.1,122.1
LOS ANGELES	109.1(LA)	BVAR; 88°,2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA ◆ :49,09	(3); 126.18
MIRAMAR MCAS (San Diego)	239(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°,2.2	(3); 126.18
NEWHALL (Int.)	[illegible]	SBMRL-DTV 317°,0.1	(4);116.1,122.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 128°,2.9	(4);116.1,122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SC)(vhf)	SBRAZ-DTV, 139°, 2.3	(3);116.1,122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)			DECOMMISSIONED
VICTORVILLE AAF	278 (126.18)	CA	(3), 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Steml. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105. 4495. 6210 kcs. (4)-3105. 4495. 6210. 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1. 137.88. 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	17 S6	80 oct;P-line E.
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S5	80,91 oct.No sto.
Barnes(Rosamond)	12 E,rd N-	2300	38	(NC)
Barstow	1.8 N,hwy S	2150	24 S6	80 oct.
Big Bear City	0.5 NW,hwy S	6850	37 S1	80 oct,Trees E,hills W.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct.No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct, Poles E.Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	CLOSED
Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"-name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct.1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct.No sto.Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19	CLOSED. . . . Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct.Poles E.
Gillespie(El Cajon)	2 NN[illegible];rd E	385	54h	Towers W. (Santee,
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE.RR S	48	18 S6	80,91 oct.No sto.Trees SW.
(A) Helendale(Victorv'l)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver. Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct.Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct.No sto.Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E			ABANDONED.
LINDBERGH (San Diego)	2 W.	14	88h R2 L5 S6	80,91 oct.AIRPORT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEARSTN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct.Poles E.
(A) Mirage(Victorville)(A)	See El Mirage under "New Arpts" - name changed.			
(N) Miramar MCAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct.No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S;hwy S	1100	37 S6	80,91 oct. P-line E,W.
(A) Muroc AAF (A)	2 S,dry lake N	2285	80h R2 L5 S6	73,100 oct.JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct.Poles,stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Pelk (San Diego)	4.8 WNW	20	28 S4	80 oct.No sto.Twr SE.
Quartz Hill (Lancaster)	5.5 SW	2450	29 L S5	80,91 oct.Port rnwy lgts.Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR 1.5 W	1425	30 L S6	80,91 oct.Port lgts prior req.
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1156	76h R1 L5 S6	62,73,91,100 oct, JP-1
San Bernardino Co. (Daggett)	See Daggett Int,13 under "New Airports" - name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED
San Diego	5 NW,bay N	10	20 SI	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L S4	91,80 oct. Poles SE,W. Port rnwy lgts.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW;hwy W	3225	33 S4	80 oct. No sto.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster)	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	
Ridgecrest(Calif.)	0.3 S.	2300	40 L S4	80,91 oct.P-line E,NE. Data unver.
Daggett Int, 13 LA-A (Calif)	5 E;RR S	1927	64h R1 L3	
(P) El Mirage (Adelanto,Calif)	11 W NW; lake .5 N	2865	36h S5	80,91 oct.
Miro-Fontana (Rialto, Calif.)	1.5 NW;creek N	1400	24 S1	80 oct.T-line NE
(P)[Los Angeles](Calif)	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct.Rdo rqrd. Rnwy data unver.

LOS ANGELES

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

NAF, INYOKERN 72H

RIDGECREST

LA CRESTA

TEHACHAPI 45 S

MOJAVE-2751' 59H

CALIF. 17 D.A.

MUROC AAF 350

BORON

MUROC AAF-2285' 80H L S-219 (126.18)

CALIF. 9 D.A.

DAGGETT 365 (111.1, 116.1)

HAWES 56H

HELENDALE 56H

CALICO 58

BARSTOW

WHEELER RIDGE

LEREC 42

LANCASTER

WAR EAGLE

ANTELOPE VALLEY 25 S

QUARTZ HILL

PALMDALE 2543' 70H L

STERK'S

MIRAGE

EL MIRAGE

GREEN 4

DAGGETT 64H L

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

CASTIAC 41

NEWHALL 209 (111.1, 116.1)

PALMDALE 332 (116.1)

BLUE 14

SUMMIT

VICTORVILLE "66"

CALIF 17 D.A.

LOS ANGELES 260 (111.1, 116.1)

DOWNEY 11

LA HABRA 21

SAN BERNARDINO 30H S

FONTANA 17

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1156' 76H L S-272 (126.18)

TRI CITY 29 S

RIVERSIDE 30 S

GREEN 5

INDIO

BANNING 25

BANNING 52H L S

HARMON

INDIO 34 S

PALM SPRINGS 69H

FOR LOS ANGELES VHF RANGE SEE CHART 147

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH 11

ARLINGTON 32 S

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

MARCH AAF-1533' 70H L S-201 (126.18)

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

CAPISTRANO AWYS.

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

C.A.

SAN MARCOS VALLEY

ENGEL

WARNER HOT SPRGS. 35 S

OCEANSIDE 34

McCORMICK

HI-HI SKY RANCH

CALIF. 13 D.A.

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

SAN DIEGO 224 (111.1, 116.1)

DEL MAR 26 S

RAMONA

MT. LAGUNA 254 (116.1)

MCAS MIRAMAR-480' 60H L S-239 (142.74)

GILLESPIE 54H

SWEETWATER SPRGS.

EL CAJON

LA MESA 13

RED 9

GIBBS 29 S

PEIK

SAN DIEGO

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

NAS. SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

LA PRESSA

JAMACHA

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF. 7 D.A.

WOLFE'S

NAAS, BROWN 60H

NAAS, REAM-23' 50H S-3295 (142.74)

BORDERLAND

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

TO MORGAN HILL

TO SANTA BARBARA

TO NIPTON

TO BLYTHE

TO EL CENTRO

SILVER LAKE 269

BLYTHE 101

INDIO 242

LAS VEGAS 79

SANTA BARBARA 75

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

NOTE.
HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY 8 QUADRANTS.

SCALE OF MILES

10 0 10 20 30

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Yuma Co.)	230(UP)(vhf)	SBMRAZ-DTV,165°,5.8	(4);116.1,122.1

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	254(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
→ Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	5 N;RR NE	1434	64h	CLOSED
→ Conner (Quartzsite)	See Quartzsite under "New Airports" - name changed.			
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
(A) Laguna Landing (A)	6.5 NE	500	50h	
→ Strip (Laguna)				
Marsh (Yuma)	0.7 E,RR W	130	40 S6	80 oct.
Parker	1.4 ENE;RR,5 W	430	32 S6	80 oct.
Salome (NC)	0.7 S;RR NW	1876	45 S1	80 oct.Poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct Hills N
→ Smiley (Wellton)	13 E,RR S			ABANDONED.
Somerton	3 ENE;canal W	254	26 S4	80 oct.No sto.
★ Tonopah Int,31, → LA-PH	5 NNE Wintertersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S6	80,91 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC-(not charted). → New or revised data.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35' poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE.rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck) other hrs prior req.
(N) EL CENTRO NAS (N)	7 WNW,RR S	-43	69h R2 L5 S4	80,100 oct.Avail 0700 to 1800,
Gary (Blythe)	5 NNW,RR N	392	29h	CLOSED.
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N, only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N S taxiing only. Rnwy data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Yuma Co. (Ariz)	4.5 SSE.RR N	213	65h R1 L2S4	80,91 oct, Endry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct. prior req.
Ajo (Ariz)	5 NE;rd,RR W	1490	40 S4	80 oct.Rough in spots.
Quartzsite (Ariz.)	0.3 SSW.hwy E	850	38	Trees N,W.N/S strip nazardous

BLYTHE

101

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA

LAS VEGAS 79

TWENTY-NINE PALMS 40 H

CALIF. 18 D.A.

IRICE AAF 55 H

PARKER 32

WICKENBURG MUN 40 H S

PALM SPRINGS 69H

DESERT CENTER 38 L S

DESERT CENTER AAF 50 H

CALIF ARIZ

GARY-392' 29H

INDIO 34 S

INDIO 242 (118.1)

THERMAL AAF 50 H

PORT MECCA

SHAVERS SUMMIT AAF 60 H

HARVEY

BLYTHE AAF 70 H

HERON 27 S

SALOME 41 L

SALTON SEA 40

CALIPATRIA

BRAWLEY 30 S

O'CONNELL

IMPERIAL CO. 32 S

CALIF. 4 D.A.

BLYTHE 251 (111.1, 116.1)

LAGUNA 50H

GILA BEND 257 (116.1)

NAS. EL CENTRO -(-43') 69H L S-317(142.74)

CALIF. 12 D.A.

MARSH 40 S

DATELAN AAF 66H

GILA BEND NO 5 37H

GILA BEND AAF-858' 62H

GILA BEND NO. 6 37H

GILA BEND NO 4 37H

EL CENTRO 212 (116.1)

HOLTVILLE 60 H L S

YUMA 230 (111.1, 116.1)

WELLTON

MT. LAGUNA 254 (116.1)

CALEXICO 28 S

SOMERTON 26 S

YUMA CO 65 H L S

AJO

AJO AAF 64H L S

ARIZ. 1 D.A.

JACUMBA HOT SPRINGS OLF 25

ARIZ MEXICO

LOS ANGELES 99

PHOENIX 103

TO CASA GRANDE

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

: EXTREMELY HAZARDOUS

: USABLE WITH CAUTION

SCALE OF MILES
25 0 25 50

[redacted] O

ARIZONA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(C)(116.1)	SBMRAZ-DTV,253°,2.2	(4); 116.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
→ PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°,1.9	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + Army A C S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

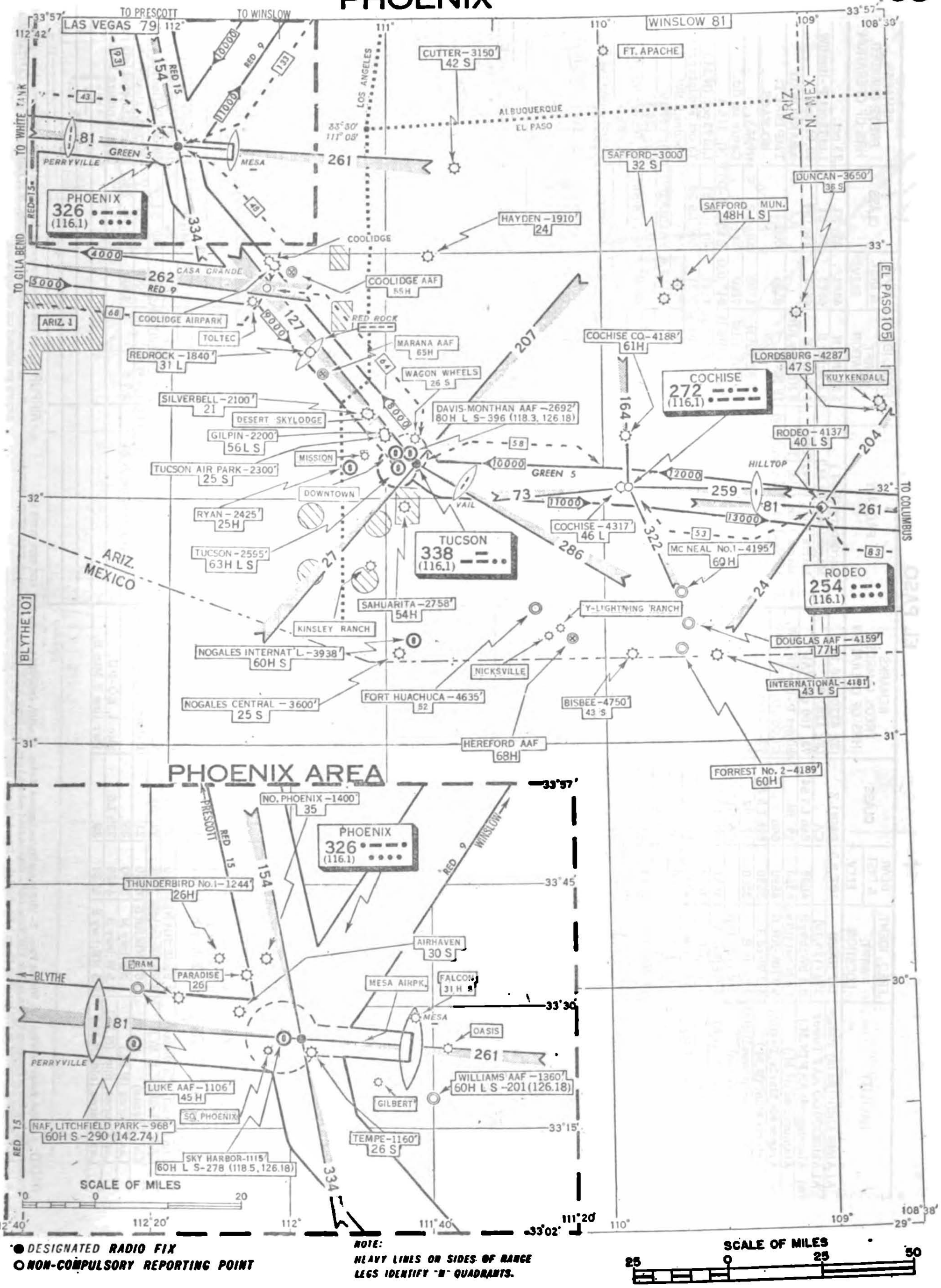
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW;hwy N	1050	24 S6	80 oct.Rough
Bisbee	6.4 SSE,RR W	4750	43 L S6	80 oct;91 oct on req. Poles W.Port rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Morenci (Clifton)	8.7 SSE,hwy W	3800	53 S2	80 oct.
★ Cochise Int,T-3,PH-EO	6 S.	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S ;hwy W,S.	1450	32 S1	80 oct.P-line NW.
(A) Coolidge AAF (A)	6 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW	1450	27 S4	80,91 oct.P-line NE,W.RR 1.5
Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	4.2 SE;RR S	2692	80h R2 L5 S6	80,100 oct.IP 1.P-line S.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan	1 NE	3650	36 S2	80 oct.Poles WSW.
Falcon (Mesa)	7.3 NE ;riv 2 N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED.
(P) Ft.Apache (White River)	2.6 SSW,riv S	5109	34 S2	80 oct. P-line N,NE
(A) Ft. Huachuca (A)	3.5 E;RR NW	4635	52	
Gilpin (Tucson)	4.2 NW,RR W	2200	56 L5 S6	80,91 oct.No flood. Fld lgts prior
Hayden	1.2 S,hwy E	1910	24	Obst sur fld. req.
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
→ INTERNATIONAL (Douglas)	3.3 E.	4181	43 L4 S4	80 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW;hwy E	3100	35	PRIVATE.
Litchfield (Litchfield Park)(NC)	0.5 NW ;cty SE	1062	37	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S ;RR S	968	60h R1 S1	100 oct.
→ (NG) Luke (Phoenix) (NG)	18 WNW	1106	45h S4	100 oct,2nd ech. maint NG.
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW,hwy NE	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W.
Mesa Airpark	1.4 W;hwy S	1238	27 S6	80,91 oct.No sto.P-line E.
Nogales Central	3 N,RR E	3600	25 S6	80,91 oct.P-line ESE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE;hwy NW	3938	60h L5 S4	80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	4.5 E,hwy W	1400	35 S1	80 oct.
Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	31 L5	P-line NE.
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford Mun	4.5 ENE;riv 2 S	3176	48h L5 S4	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E.	2758	54h	
(P) Sells (NC)	2 NW,rd E	2380	24	
Silverbell (Tucson)	11.2 NW ;riv NE	2100	21	
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	81, 100 oct. Fld lgts prior req.
Superior (NC)	2 WSW,hwy N	2600	19 S4	73,80 oct. P-line NNE. Slopes
Tempe	1.2 SW,RR E	1160	26 S6	80 oct,Poles E,trees W. WSW
Three Point (Casa Grande)(NC)	1.5 NNW ;hwy E	1400	37 S4	80 oct,P-line NE,SW.
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	40	
Toltec	0.4 NNW;RR SW	1500	23	Poles SSW, WSW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	25 S6	80 oct,P-line NW.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct, Slopes to SSE.,P-line
Wickersham (Safford)	See Safford under "New Facilities" - name changed.			S,SE
→ Willcox (NC)	0.9 WNW,hwy E			ABANDONED.
(A) Williams (Chandler) (A)	10 E ;RR 1 SW	1360	61h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
† Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S6	80,91 oct.P-line N,S,NW.Port bndry lgts.
Nicksville (Hereford,Ariz.)	9 W;hwy W	4750	32 S4	80 oct.Poles SW.
Y-Lighting Ranch (Hereford,Ariz.)	6 WNW ;rd W	4400	26	
Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct.P-line E,fence W.
Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct.No sto.Poles SW,NE.
→ Gram (Glendale,Ariz)	See Fram below - name changed.			
→ Oasis (Mesa,Ariz)	11.5 E;hwy N	1550	18 S4	80 oct.No sto.Trees NE,SW.
South Phoenix, (Ariz)	3 SSE;riv N	1100	26 S6	80 oct.No sto.P-line E,W.
Mission Arpk(Tucson,Ariz)	8.3 WSW;rd S	2665	37 S6	80 oct Poles W
(P) Safford (Ariz.)	2.5 S;hwy W	3000	37 S6	80,91 oct. Poles S,SE.
Desert Skylodge (Tucson,Ariz.)	10 NNW;RR NW	2025	32 S6	80,91 oct. Poles NW,WNW.
→ Fram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct.Poles E,W,E end hazardous)
→ Benson (Ariz)	2 ESE;RR,hwy N	3500	42 S4	80 oct.P-line N,ENE.

PHOENIX


TO PRESCOTT
TO WINSLOW
LAS VEGAS 79
WINSLOW 81
FT. APACHE
CUTTER-3150'
42 S
ALBUQUERQUE
EL PASO
LOS ANGELES
ARIZ.
N.-MEX.
TO WHITE TANK
TO GILA BEND
PERRYVILLE
GREEN 5
MESA
PHOENIX
326
(116.1)
261
334
262
RED 9
RED 15
154
SAFFORD-3000'
32 S
DUNCAN-3650'
36 S
SAFFORD MUN.
48H L S
HAYDEN-1910'
24
COOLIDGE
CASA GRANDE
COOLIDGE AAF
55H
COOLIDGE AIRPARK
ARIZ. 1
TOLTEC
RED ROCK
MARANA AAF
65H
REDROCK-1840'
31 L
WAGON WHEELS
26 S
127
207
COCHISE CO.-4188'
61H
LORDSBURG-4287'
47 S
KUYKENDALL
COCHISE
272
(116.1)
SILVERBELL-2100'
21
DESERT SKYLODGE
GILPIN-2200'
56L S
MISSION
DAVIS-MONTHAN AAF-2692'
80H L S-396 (118.3, 126.18)
TUCSON AIR PARK-2300'
25 S
DOWNTOWN
VAIL
RODEO-4137'
40 L S
HILLTOP
RODEO
254
(116.1)
RYAN-2425'
25H
TUCSON
338
(116.1)
COCHISE-4317'
46 L
MC NEAL No.1-4195'
60H
TUCSON-2555'
63H L S
ARIZ.
MEXICO
SAHUARITA-2758'
54H
Y-LIGHTNING RANCH
KINSLEY RANCH
DOUGLAS AAF-4159'
77H
NOGALES INTERNAT'L.-3938'
60H S
NICKSVILLE
INTERNATIONAL-4181'
43 L S
NOGALES CENTRAL-3600'
25 S
FORT HUACHUCA-4635'
52
BISBEE-4750'
43 S
HEREFORD AAF
68H
FORREST No. 2-4189'
60H
BLYTHE 101
EL PASO 105
TO COLUMBUS
PHOENIX AREA
NO. PHOENIX-1400'
35
PHOENIX
326
(116.1)
THUNDERBIRD No.1-1244'
26H
AIRHAVEN
30 S
PARADISE
26
MESA AIRPK.
FALCON
31 H S
OASIS
WILLIAMS AAF-1360'
60H L S-201(126.18)
GILBERT
LUKE AAF-1106'
45 H
SQ. PHOENIX
NAF, LITCHFIELD PARK-968'
60H S-290 (142.74)
TEMPE-1160'
26 S
SKY HARBOR-1115'
60H L S-278 (118.5, 126.18)
SCALE OF MILES
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS.
SCALE OF MILES

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. (A)
Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct. P-line SE,NW,
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED. SSE,SSW.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,91,100 oct JP-1
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad,mun.](N.M.)	6.1 SSW	3276	65h L5	Hwy E.Rnwy lgts on req
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S,E	5420	33 S2	80 oct. P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1
★ Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
★ Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W
EL PASO Range (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,118.7,126.18
[El Paso Mun.](Tex)	4.8 ENE;RR SW	3936	70h L6 S1	73,91,100 oct. No sto. ARPT OF ENTRY.
→ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	176°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	CLOSED(A)
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
★ Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct.Rnwy data unver
★ Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwy NE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV.E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT. NO FACS.
★ Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1
★ Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR E	3621	56 L5 S6	73 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso (N.M.)	2.2 NNE;hwy W	7000	60 S2	80 oct.Mtns sur fld.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1 req
★ Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct.P-line E.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct.Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham(Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ····· (0.85)	OM- — — (4.35)
					MMK-	OMK-
EL PASO	109.5	332.6	217°	IM-	MM- •—•— (0.67)	OM- — — (4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1(Pine Spgs,Tex)	7 5 NNE	5200	20	Rough. Emerg.use only
Kuykendall(Lordsburg)	0.8 NNW;hwy E	4290	29 S1	80 oct.P-line NNE,SE.(N.M)
Springerville-Eager (Ariz)	1.5 W	7000	37 S1	80 oct.
Cooper(Deming,N.M)	2.7 S	4300	25 L S1	80oct.Ctc,obst lgts prior req Use in emerg P-line E,bank W

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

EL PASO 105

WINSLOW 81 | ALBUQUERQUE 83

34°10′ — 109°45′ — 109° — 108° — 107° — 106° — 105° — 103°58′ — 34° — 33° — 31° — 30°16′

SPRINGERVILLE-EAGER
MAGDALENA
SOCORRO
ALBUQUERQUE
EL PASO
ARIZ. — N.M.
CLIFTON-MARENCI
SAFFORD MUN.
SAFFORD
DUNCAN
BOWIE
KUYKENDALL
LORDSBURG
COCHISE
HELLTOP 34
RODEO
HACHITA
DEMING (SO.)
GREEN 5
MCNEAL No.1
DOUGLAS AAF
INTERNATIONAL
FORREST No. 2
N.M. MEX
WHITEHILL
HURLEY
SILVER CITY
DEMING AAF
SKYTEL
DEMING (CTR.)
DEMING
COOPER
LAS CRUCES MUN.
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
MT. RILEY
HARRINGTON RANCH
COLUMBUS
HOT SPRINGS
ENGLE
JUNDT
VALLEY
BIGGS AAF
396 KC. 126.18 MC.
CARRIZOZO
PARKER
RUIDOSO
TULAROSA
ALAMOGORDO
ALAMOGORDO AAF
272 KC. 126.18 MC.
ALAMOGORDO AAF
221
NEWMAN
317
HUECO MT
HUDSPETH
SALT FLAT
SIERRA BLANCA
CULBERSON CO.
KENT
VAN HORN
MARFA MUN.
RYAN No. 3
ARAGON No. 5
DELAWARE SPRINGS
TEX-LINE
N.M. TEX.
GUADALUPE PASS
WINK
ROSWELL AAF
305
B AND B FLY. SVC.
ROSWELL
ROSWELL COM.
ROSWELL AAF
396 KC. 126.18 MC.
ROSWELL AAF NO. 3
ARTESIA
CARLSBAD
311
CARLSBAD
TRACY
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD No. 1
D.A.

ENGLE
344
116.1 MC.

RODEO
254
116.1 MC.

COLUMBUS
284
116.1 MC.

EL PASO MUN.
278 KC. 118.7,
126.18 MC.

EL PASO
242
116.1 MC

SALT FLAT
335
116.1 MC.

GUADALUPE PASS
VOICE – 116.1 MC.

78 — 258 — 237 — 57 — 66 — 204 — 24 — 81 — 259 — 272 — 53 — 261 — 82 — 83 — 45 — 258 — 77 — 30 — 29 — 257 — 79 — 70 — 18 — 17 — 259 — 112 — 61 — 241 — 322 — 35 — 142 — 162 — 293 — 216 — 122 — 167 — 347 — 177 — 341 — 330 — 342 — 350 — 170 — 176

12000 — 10000 — 8000 — 9000 — 11000

USABLE WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 103
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

VARIATION 14°E TO 12°E

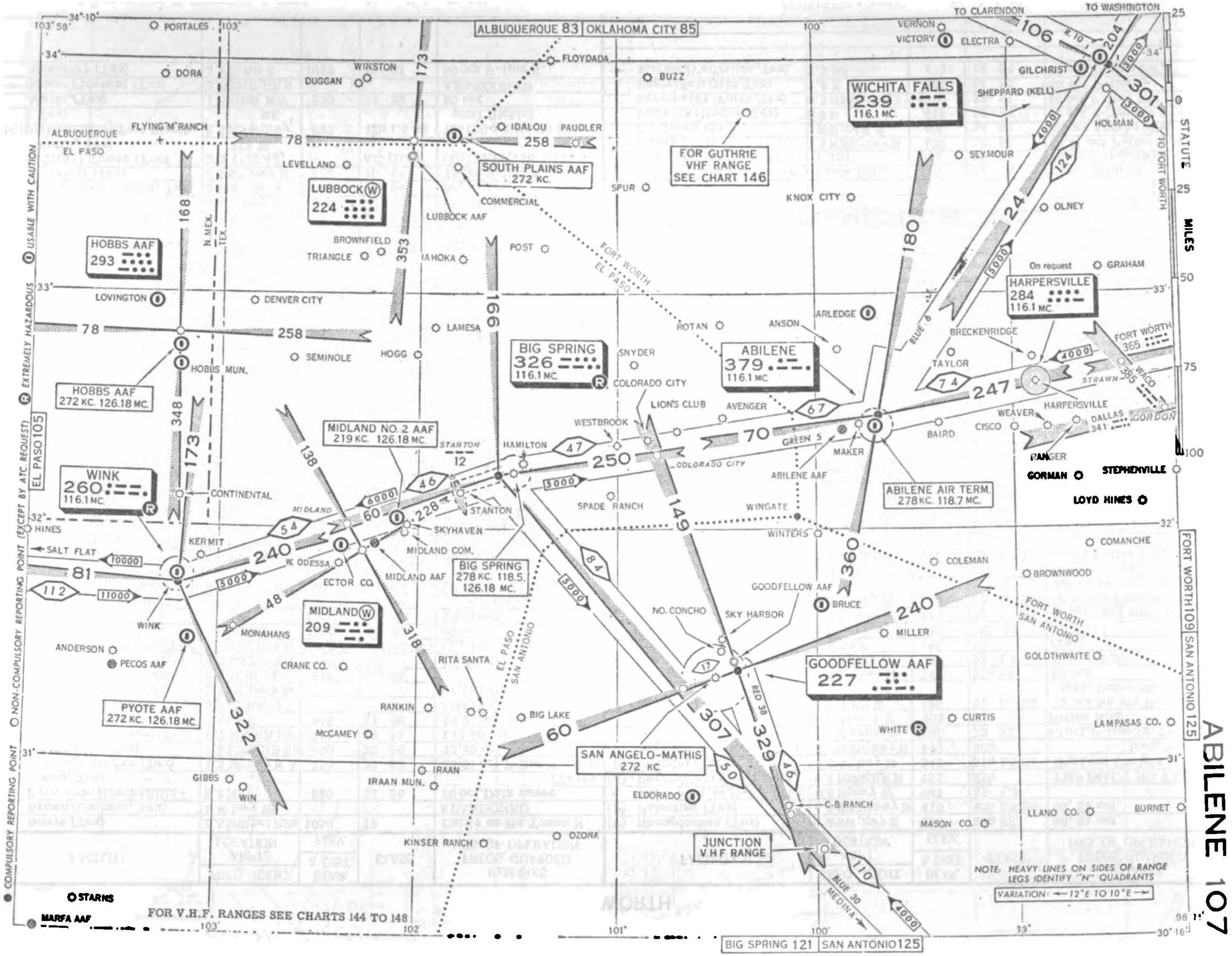
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

RED 51 — CASTOLON — ABILENE 107 — BIG SPRING 121

STATUTE MILES
0 — 25 — 50 — 75

ABILENE

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM.Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) Abilene Air Terminal (Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.100 oct.Army.
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118 5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	64h L5 S6	80,91,100 oct. NATS.
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
(P) Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req.Use
Burkburnett (Tex)	1 SE;RR SW			ABANDONED rnwys.
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	73 oct. P-line S.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots,flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct.Use rnwys prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct. P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct. P-line S.
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int,44,EO-FV(Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	MRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
[Hobbs Mun.] (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct.Poles SE,E,NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW.
NEW FACILITIES				
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct.P-line N,NE,NW.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1400	35 S2	80 oct.P-line W.
Vernon (Tex)	2.3 SSE;hwy W	1210	27 S6	80 oct.Rough N,soft S ends
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) [Lubbock AAF] (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT.NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4885	75h	CLOSED.
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) [Midland AAF] (Tex) (A)	9.5 WSW;RR S	2867	64h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24)
(A) [Midland#2] (Tex) (A)	3 NW;rd E	2805	64h L5 S4	91,100 oct.JP-1.No sto.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto. ends rough
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho (San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W bickd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) 12 noon 'til 1 hr.after
(P) [San Angelo-Mathis] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct sunset.Closed Mon
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct.
[Sheppard/Kell Mun.] (Wichita Falls, Tex)	5.8 N;hwy W	1025	66h L5 S6	80,91,100 oct.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1640	30 L3 S4	80, 91 oct. After 2100 lgts on req.P-line W,NW.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) [South Plains AAF] (Lubbock)	5.5 NNE;RR W	3256	65h L5 S6	73,100 oct. (Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct. rior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct
U & S Fly.Svc.(Big Spring,Tex)	See Hamilton under "New Facilities" - name changed.			
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int,32,EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range(Tex)	108.3(UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton, Tex)	1.5 E;RR W	3108	19 S2	80 oct.P-line N,NE,NW.
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct.P-line NE,W,NW.
Winston (Littlefield,Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
Westodessa (Odessa,Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Decker Ranch (Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct.P-line NW,W,N.Trees
Hamilton (Big Spring,Tex)	1.5 N;hwy 1 S	2517	40 S6	80 oct.P-line N,NNE.Ctn. SW.
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct. Data unver.
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW
Snyder (Tex)	1.3 S	2270	21 S2	80oct.P-lines NW,W,SE.E blkd


ALBUQUERQUE 83 | OKLAHOMA CITY 85
PORTALES
DORA
WINSTON
DUGGAN
FLOYDADA
BUZZ
VERNON
VICTORY
ELECTRA
TO CLARENDON
TO WASHINGTON
GILCHRIST
SHEPPARD (KELL)
HOLMAN
WICHITA FALLS
239
116.1 MC.
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
IDALOU
PAUDLER
LEVELLAND
SOUTH PLAINS AAF
272 KC.
COMMERCIAL
LUBBOCK
224
LUBBOCK AAF
FOR GUTHRIE
VHF RANGE
SEE CHART 146
SPUR
KNOX CITY
SEYMOUR
OLNEY
HOBBS AAF
293
BROWNFIELD
TRIANGLE
IAHOKA
POST
FORT WORTH
EL PASO
LOVINGTON
DENVER CITY
LAMESA
ROTAN
ANSON
ARLEDGE
On request
GRAHAM
HARPERSVILLE
284
116.1 MC.
BRECKENRIDGE
TAYLOR
FORT WORTH
365
HOBBS MUN.
SEMINOLE
HOGG
BIG SPRING
326
116.1 MC.
SNYDER
ABILENE
379
116.1 MC.
COLORADO CITY
LION'S CLUB
AVENGER
HARPERSVILLE
STRAWN
WACO
HOBBS AAF
272 KC. 126.18 MC.
MIDLAND NO. 2 AAF
219 KC. 126.18 MC.
STANTON
HAMILTON
WESTBROOK
WEAVER
DALLAS
341
GORDON
BAIRD
CISCO
GREEN 5
MAKER
RANGER
GORMAN
STEPHENVILLE
LOYD HINES
WINK
260
116.1 MC.
CONTINENTAL
MIDLAND
ABILENE AAF
ABILENE AIR TERM.
278 KC. 118.7 MC.
SPADE RANCH
WINGATE
HINES
KERMIT
SKYHAVEN
STANTON
MIDLAND COM.
SALT FLAT
W. ODESSA
BIG SPRING
278 KC. 118.5.
126.18 MC.
WINTERS
COMANCHE
COLEMAN
BROWNWOOD
ECTOR CO.
MIDLAND AAF
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
FORT WORTH
SAN ANTONIO
GOLDTHWAITE
WINK
MIDLAND
209
MONAHANS
ANDERSON
PECOS AAF
CRANE CO.
RITA SANTA
EL PASO
SAN ANTONIO
GOODFELLOW AAF
227
PYOTE AAF
272 KC. 126.18 MC.
RANKIN
BIG LAKE
WHITE
CURTIS
LAMPASAS CO.
McCAMEY
SAN ANGELO-MATHIS
272 KC
GIBBS
WIN
IRAAN
IRAAN MUN.
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
KINSER RANCH
OZONA
JUNCTION
V.H.F. RANGE
STARNS
MARFA AAF
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 10°E
BLUE 30
MEDINA
RED 38
BLUE 6
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC. REQUEST)
COMPULSORY REPORTING POINT
N. MEX.
TEX.
EL PASO 105
FORT WORTH 109
SAN ANTONIO 125
BIG SPRING 121
SAN ANTONIO 125
STATUTE MILES
ABILENE 107

FORT WORTH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct. Data unver. Trees
Carthage Air Svc. (Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct. P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
→ Commercial (Durant, Okla)	5.2 W;RR N			ABANDONED
→ Corsicana, com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana, mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris, Tex) (A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love) (Tex)	341 (DL) (116.1)	356°, 2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Decatur (Tex)	1.5 N;rd SW	1100	26 S2	80 oct.
Denton (Tex)	4 WSW	630	42h S6	80,91 oct.
DUNCANVILLE H Fac. (Tex)	404 (U)	176°, 10.5	FMHW	(Cont.) Dallas
(P) Eaker (Durant, Okla)	3.2 SSW; RR NW	703	50h L5 S6	80,91 oct. All lgts prior req.
Elder (Kilgore, Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct. P-line W.
(P) Ellis Co. (Waxahachie, Tex)	3.5 NE;RR S	585	31 S2	73 oct. P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365 (FV) (116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1 ver
Gage (Teague, Tex)	1.7 N		22 S4	80 oct. P-line W. Data un-
(A) Gainesville (Tex)	3.8 WNW;RR S	833	45h S5	80,91 oct. ARMY TEMP.
Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED INACT.
(A) Gaskin (Sherman, Tex) (A)	12.6 SW;rd E	745	40h	TMP INACT-NO FACS.
→ GRAUWYLER PARK H Fac.				DECOMMISSIONED
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct. Emerg. lgts by cir
(P) Gregg Co. (Longview, Tex)	7.2 S;riv N	365	52h S1	80,91 oct. cling fld.
(P) Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld. req.
Hartlee (Denton, Tex)	5.4 NE	588	40 L S6	80,91 oct. Port lgts prior
HASLET H Fac. (Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth P-line S.
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W. Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct. P-line NE
Jacksonville (Cypress, Tex)	3 N;RR E	500	26 S6	73,80 oct. P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood.
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct. Poles S lgts.
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct. P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118 7,122.5
(N)(P) [Meacham] (Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct. NATS (Hospital flights)
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
→ Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct. P-line S.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int, 48, JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman, Tex) (A)	6.4 NNW;RR N	753	51h	TMP INACT. NO FACS.
(P) [Pounds] (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct. Ctc lgts prior req. No sto.
Rodeo City (Jacksb'o, Tex)	4.5 N;arena W	1080	23 S2	80 oct. P-line SE. Trees SSE
St Jo (Texas)	1 N;lake 1 E	952	37	P-line NNE
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct. No sto. Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int, 14, DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville)	9.5 NNE	550	30	(Tex)
Southworth (Ft. Worth, Tex)	4.2 S;crk W	650	25 S4	80,91 oct.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct. Poles W. Ctc lgts prior req. Rnwy data
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont. unver.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct. P-line S,SE
TYLER Range (Tex) (Pounds)	320 (TQ) (116.1)	124°, 1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex) (Mun.)	385 (WC) (vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
→ [Waco Mun.] (Tex)	6 NW;lake S	500	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill, Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E. MAINT
Weddington (Hugo, Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville, Tex)	5.7 WSW;RR N	820	20 S6	80 oct. P-line N.
** Wills Point Int, 7, FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel P-lines N. Data unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
→ LOVE	110.3	335	126°	IM-	MM- ·—·— (0.7) OM- ——(4.35)
				MMK-	OMK-266 —··
				IM-	MM-· OM-
MEACHAM	109.9	333.8	172°	IM-	MM- ·—·— (0.71) OM- ——(4.10)
				MMK- 356 ···—	OMK-

NEW FACILITIES

East Side (Longview, Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S
Hoffman (Mt. Pleasant, Tex)	2 SSW;RR E	416	32 S4	80 oct. P-line N.
Mulinax (Winnsboro, Tex)	1.3 SE	533	26 S1	80 oct. P-line NNE.
Irving (Tex)	1.6 NNE;hwy N	420	28 S6	80,91 oct. P-line N,W
De Queen (Ark)	3 NW;rd E,S	400	24 S1	80 oct. Appchs blkd
Pulley (Arlington, Tex)	0.6 N	616	28 S4	80 oct. P-line NW Trees S
Skyview (Ft. Worth, Tex)	9.3 NNW;lk 2.5 W	790	32 S1	80 oct. P-line NW
Eagle (Fairfield, Tex)	1.4 E	461	24 S2	80 oct. P-line S
→ Marshall's (Dallas, Tex)	7.2 SE	475	28 S6	80 oct. P-line SW,S

RADIO: S - Simul. Range and Voice. W - Without Voice. 2 - VHF Range Station Location Marker. (2) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure in Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

FORT WORTH 109

R : EXTREMELY HAZARDOUS
O : USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

OKLAHOMA CITY 85 | LITTLE ROCK 89

TO WASHINGTON
OKLAHOMA CITY 350
335
91
MARIETTA
75
MARIETTA
BLUE 5
4000
GAINESVILLE
ST. JO
MUENSTER
WHALEY
GAINESVILLE COM.
WICHITA FALLS 239
3000
BOWIE
RED 10
301
107
4000
RODEO CITY
D.A.
DECATUR
68
181
AMBER 4
DENTON
62
161
4000
HARTLEE
McKINNEY
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
HASLET
HASLET Ⓦ
371
LOVE
278 KC. 118.9, 126.18 MC.
MEACHAM
272 KC. 118.7, 126.18 MC.
28
DALLAS
WEATHERFORD
22
4000
STRAWN
65
247
ABILENE
379
5000
70
FT. WORTH
6
29
67
3000
FORT WORTH
365
116.1 MC.
DALLAS
341
116.1 MC
3000
6
FORNEY
23
57
WILLS POINT
266
3000
DUNCANVILLE
11
26
DUNCANVILLE Ⓦ
404
ABILENE 107
JOSHUA
28
WAXAHACHIE
27
ELLIS CO.
ENNIS
WAXAHACHIE
CLEBURNE NORTHWEST
PARKER
2000
356
189
357
95
STEPHENVILLE
129
AMBER 4
BLUE 5
62
3000
4000
HAMILTON
WACO
385
111.1, 116.1 MC.
WACO MUN.
WACO
WACO NO 5
TO AUSTIN
TO NAVASOTA
SAN ANTONIO 125 | HOUSTON 127

EAKER
OKLA.
TEX
WEDDINGTON
IDABEL
123
OKLA.
ARK.
DE QUEEN
TEXARKANA
329
SHREVEPORT
230
146
GRAY
PERRIN AAF
LEGION
COX AAF
CLARKSVILLE
JONES
DE KALB
GASKIN
WOLFE CITY
2000
REDWATER
GREEN 5
171
SIMMS
TEXARKANA
65
COMMERCE
SULPHUR SPRINGS
103
SO. SULPHUR
68
329
TEXARKANA
248
MOFFMAN
SULPHUR SPRINGS
MAJORS
SULPHUR SPRINGS Ⓦ
224
MULINAX
SHREVEPORT 113
RED 10
45
Mc CLOUD
HAWKINS
HOLMES
WISENER
89
SHREVEPORT
230
80
2000
124
3000
RED 37
37
210
30
EAST SIDE
MARSHALL
ELDER
GREGG CO.
POUNDS
STEWART
TYLER
320
116.1 MC.
HENDERSON
RUSK CO.
CARTHAGE AIR SVC.
304
30
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA MUN.
JACKSONVILLE
SHREVEPORT
FORT WORTH
SAN ANTONIO
PALESTINE
EAGLE
MEXIA
GAGE
NACOGDOCHES
HOUSTON
BLUE 13

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 10°E TO 8°E →

STATUTE MILES
10 0 10 20 30 40 50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	P-line SE,SW.
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	37h L S6	80,91oct.Ctc lgts on req.
BROOKS Tower (Tex).	396 (126.18)		CA	(3); 126.18
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,91,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	29	Emerg. use.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct.
DUNCANVILLE H Fac. (Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
Eagle Mtn Lake	1 SSE;RR NE	745	60h	CLOSED (Newark,
Faurie (Gonzales, Tex)	2 NNE	340	22 S4	80 oct.P-line NNE Tex.
➝ Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	317(126.18)+		CA ◆:45,05	(3); 126.18
(A) Fort Worth AAF (Tex) (A)	6.8 WNW;lk N	636	82h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No dcm.
➝ GRAUWYLER PARK (Tex)				DECOMMISSIONED
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac. (Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	40 S6	80,91 oct.P-line NW.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A). Kelly (San Antonio,Tex) (A)	6.2 WSW;RR SE	675	72h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
➝ Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED.
Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct.P-line N,W.
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	P-line NW
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital flights)
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4.	80,91 oct.No flood lgts
Mission (San Antonio,Tex)	4.5 S;hwy E	567	24 S4	80 oct.P-line NNE,SSE.
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct.(Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
[San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S4	80,91 oct.
➝ Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED.
Second Ave. (Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	37 S4	80 oct.Trees NNE,SSE.
(A) Seguin #1 (Tex) (A)	3 E;rd N	520	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	See Lucas Field under "New Facilities" - name changed			
STINSON Tower (Tex)	209		CI	3105, 6210 (8-21)
Stinson (San Antonio,Tex)	6.2 SSE;hwy W	604	49h S6	80,91 oct.P-line S,WNW
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy 0.5 W	968	33	6' fence sur fld.Use fld at own risk.
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	22 S6	80,91 oct.
★ Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68) OM- ——(4.38)
				MMK-	OMK- 230•———
LOVE ➝	110.3	335	126°	IM-	MM-•—•—(0.70) OM- ——(4.35)
				MMK-	OMK-266 —••
				IM	MM- OM-
MEACHAM	109.9	333.8	172°	IM-	MM-•—•—•—(0.71) OM- ——(4.10)
				MMK- 356 •••—	OMK-

NEW FACILITIES

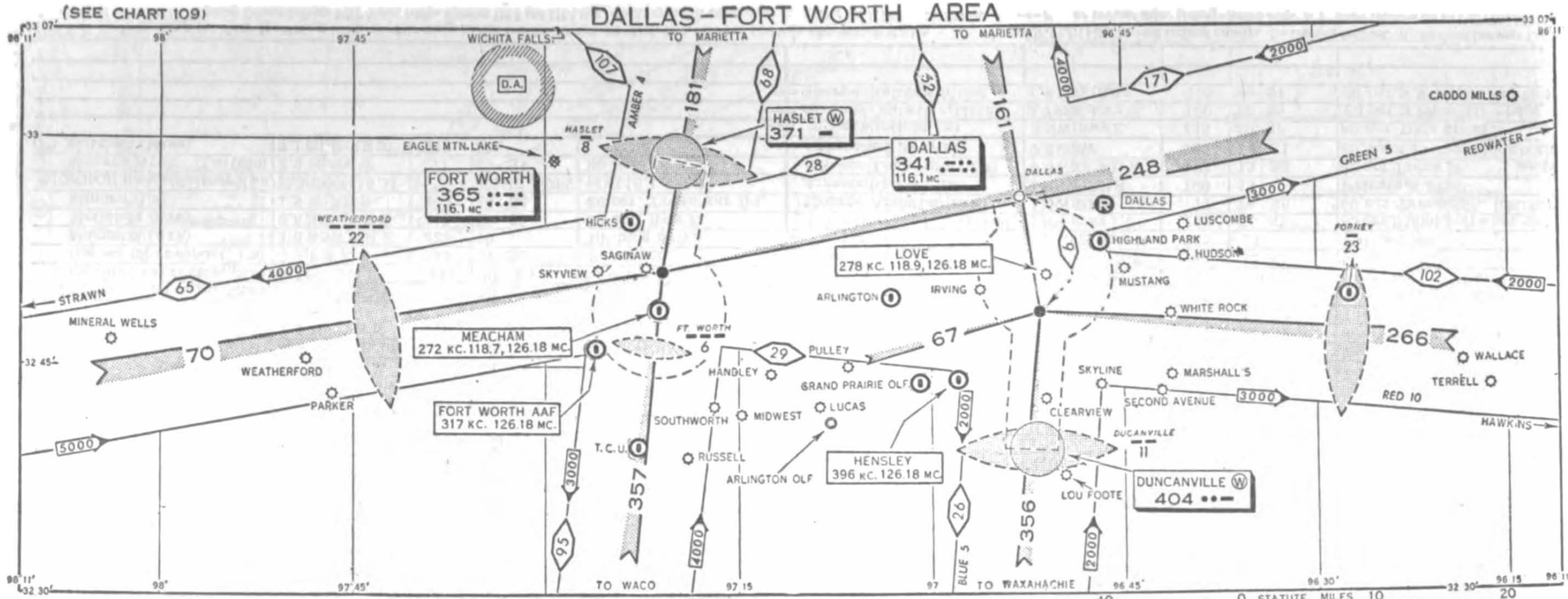
Lucas (Arlington,Tex)	3 SW	590	19 S2	80 oct.P-line N,S,NW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➝ New or revised data. [Jones] - Airline Stop, N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized

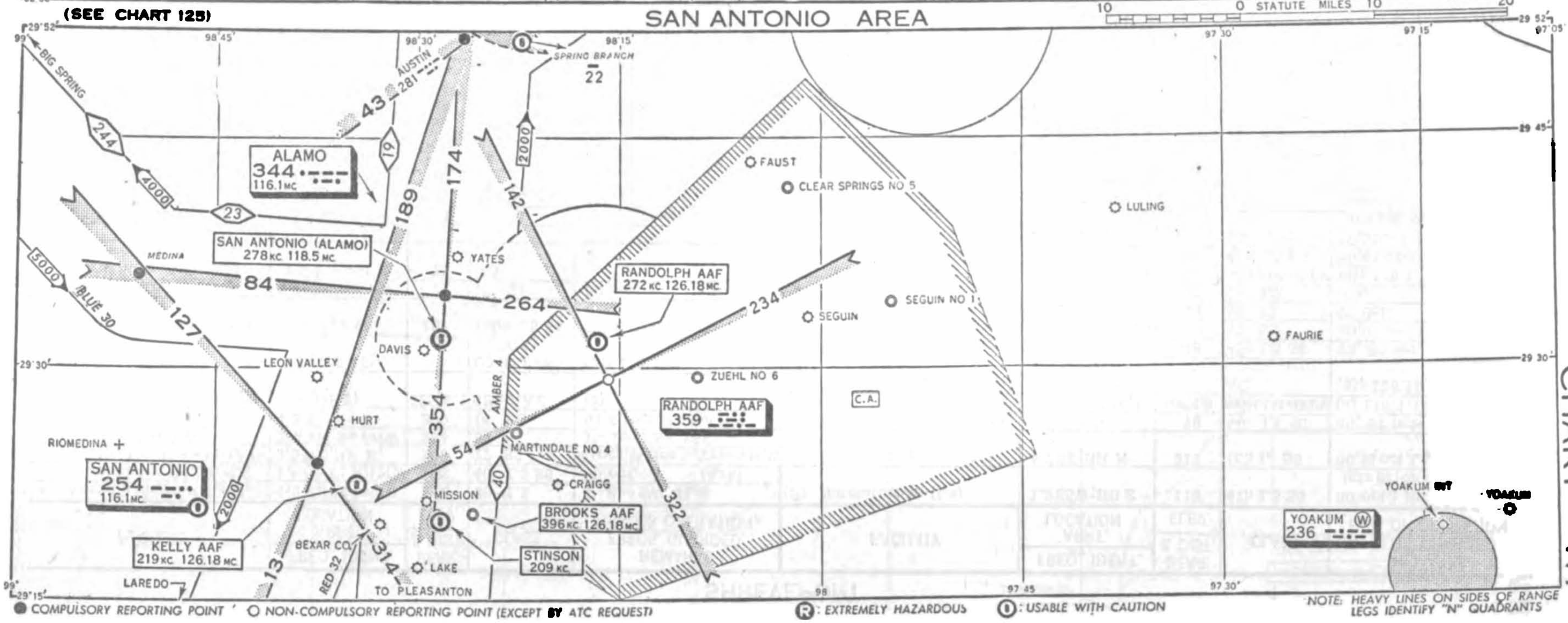
(SEE CHART 109)

DALLAS - FORT WORTH AREA



(SEE CHART 125)

SAN ANTONIO AREA



● COMPULSORY REPORTING POINT ' ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓓ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 111

SHREVEPORT

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
✱ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
Arkadelphia,24,DL-LV	1.5 ENE; RR NW	186	40 L3 S6	80 oct. (Ark)
Ashley Co.(Crossett,Ark	5.5 NE;RR E	160	22 S2	80 oct.P-line S.Trees N.W
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
→ Bastrop (La)	2.8 WSW;riv W	77	18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
→ Childress (Flora,Miss)	1.5 NNW;RR E	186	25 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	140	26 S6	80 oct.P-line S,W.
Cole (Heads, Miss)	3 NE;RR W	118	16	
Cypress(Greeny'l,Miss)	2.4 SSW;hwy W.	125	28 S4	80 oct. NNE blkd.
David G. Joyce(Winnfield)	See Joyce under "New Facilities" - name changed.			
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data unver
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct. (Mansfld, La)
Dixie Dusting (Greenv'l)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.(Miss)
Dossett(Beulah,Miss)	0.5 SE	160	21 S2	80oct.P-line S,SW.E,W
El Dorado (Ark)	1.5 S;rds W,E	277	24 S6	80 91 oct.P-line E. blkd.
(P) El Dorado-Goodwin (Ark	8.6 W;hwy S	278	51h L5	No bound.flood.obst lgts.
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
Grayson (Camden,Ark)	3.4 SW; hwy N	135	26 S6	80,91 oct P-line NE;trees
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct. SSW.NNE
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
Hinds Co.(Jackson,Miss)	12.8 W;RR 1.3 SE	244	40h	Pwrline N.
Hodge (La)	0.5 ENE ;hwy W.	300	24	Trees sur fld.
Hope (Ark)	6 NW; RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Jones(Merigold,Miss)	0.8 N;hwy,RR W	142	13 S1	80 oct.
→ Joseph H.Sharpe	See Sharpe under "New Facilities" - name changed.			
Lakeview (Leland,Miss)	1.5 SE ;lake E	120	16 S4	80oct.N,E blocked
→ L.B.Strange (Tutwiler)	See Strange under "New Facilities" - name changed.			
→ Leland (Elizabeth,Miss)	1.5 NE ;riv N	119	20 S2	80 oct.Pwrline NW.
LeTourneau(Yokena,Miss)	2.5 NW;riv NW	80	30 L S1	9loct.Bndry lgts pri.req.
Longview(Warrenton,Miss)	0.3 SE;RR W	110	20 S4	80 oct.E blkd P-line W
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;RR E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selman)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La) (old)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) Selman (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct.
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118,7)		AC	(4); 126.18,122.5,118.7
(P) Shreveport (La)	2.5 NNE;riv E	179	45h L5 S6	73, 80 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
✱ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Texarkana (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	40 S4	80, 91 oct.Obst sur fld.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.4 NW	106	24 S1	80 oct Tree SE;bldg NW
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.
Watts (Round Lake,Miss)	3 N; hwy W	145	26 S2	Priv.80,91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

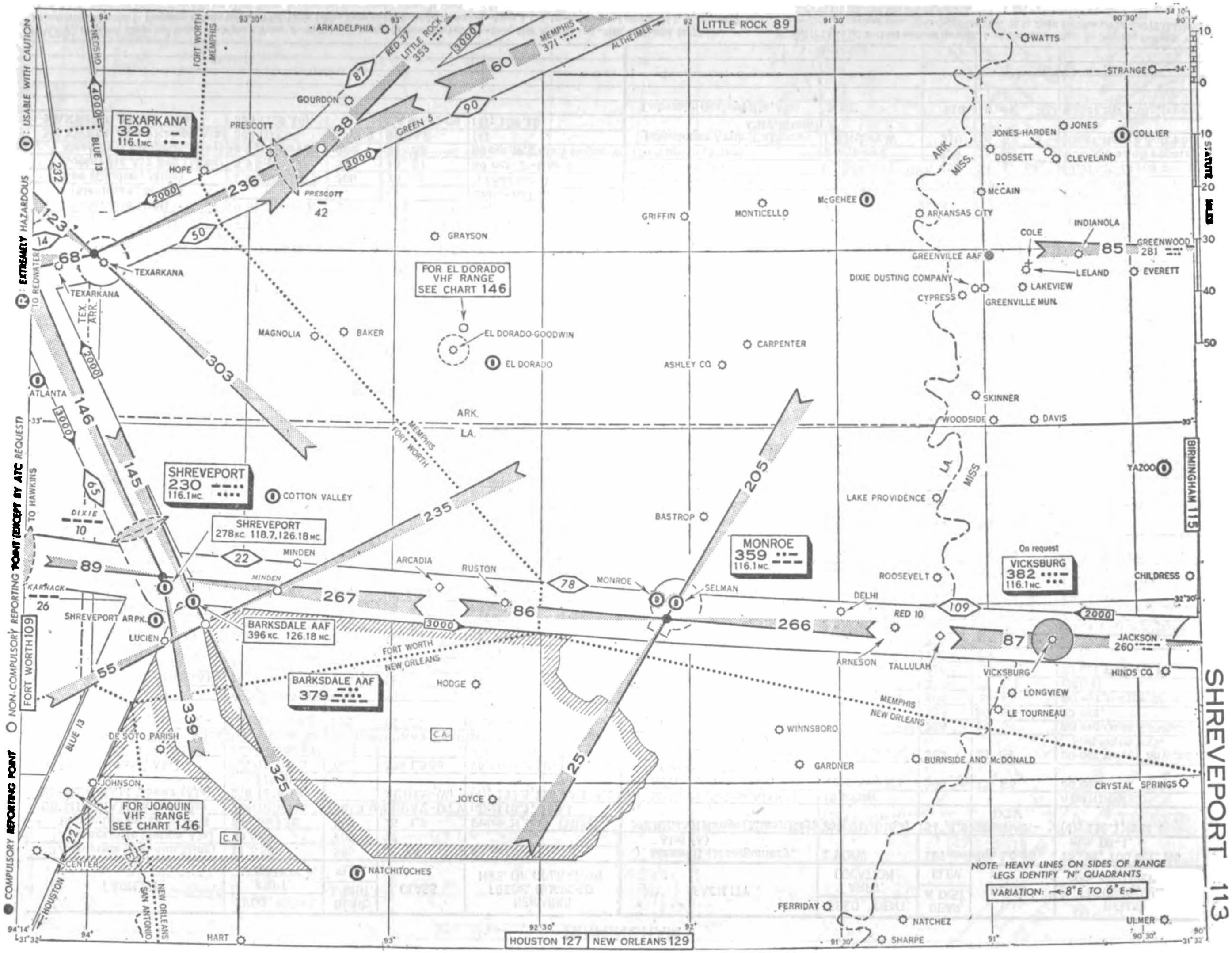
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-·····(1.00)	OM- – –(4.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
Collier (Drew, Miss)	0.6 NE;RR W	115	17 S1	80 oct.Trees S.
McCain(Benoit,Miss)	0.8 NNE;hwy E	140	16 S1	80 oct.S blkd.Ctn-parked acft.
Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct.P-line W.Rough.
Crystal Spgs.(Miss)	0.7 SE	470	21	P-line NE;N,S,NW blkd.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld. W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. Port lgts.
Roosevelt (Sondheimer,	2.1 NNW;RR E	85	13 S1	80 oct. (La)
→ Center, Tex	1.2 ESE;hwy N	345	20	P-line NNW.
Jones-Harden (Cleveland,	4 NW;hwy 1,2 S	140	21 S5	80 oct.S blkd.Soft when wet
Monroe Arpk(La)(new)	1.5 N;RR N	77	26 S6	80 oct.Trees SSE. (Miss)
Aineson(Quebec,La)	1 NNW;RR S	100	18	Private N blkd
Johnson(Logansport,La)	0.5 ENE;RR W	192	15 S2	80 oct.Trees N ends
Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91oct P-lines block both
→ Joyce (Winfield,La)	3 NW;hwy E	130	30 S2	80 oct. Data unver.
→ Strange (Tutwiler,Miss)	0.7 SSE;hwy W	160	22 S6	80 oct.N blkd. wet.
→ Sharpe (Natchez,Miss)	1.8 ESE;RR S	135	26 S4	80 oct.N,W blkd.Soft when

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
TEXARKANA 329 116.1MC.
SHREVEPORT 230 116.1MC.
SHREVEPORT 278KC. 118.7, 126.18MC.
BARKSDALE AAF 396KC. 126.18MC.
BARKSDALE AAF 379
MONROE 359 116.1MC.
VICKSBURG 382 116.1MC.
On request
LITTLE ROCK 89
HOUSTON 127
NEW ORLEANS 129
FOR EL DORADO VHF RANGE SEE CHART 146
FOR JOAQUIN VHF RANGE SEE CHART 146
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8°E TO 6°E
ARKADELPHIA
GOURDON
PRESCOTT
HOPE
GRAYSON
GRIFFIN
MONTICELLO
McGEHEE
WATTS
STRANGE
JONES-HARDEN
JONES
COLLIER
DOSSETT
CLEVELAND
McCAIN
ARKANSAS CITY
COLE
INDIANOLA
GREENWOOD 281
GREENVILLE AAF
LELAND
EVERETT
DIXIE DUSTING COMPANY
LAKEVIEW
CYPRESS
GREENVILLE MUN.
TEXARKANA
TEXARKANA
TO REDWATER
ATLANTA
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
CARPENTER
ASHLEY CO.
SKINNER
WOODSIDE
DAVIS
YAZOO
BIRMINGHAM 115
ARK.
LA.
MISS.
SHREVEPORT
COTTON VALLEY
DIXIE
TO HAWKINS
KARNACK
SHREVEPORT ARPK.
LUCIEN
MINDEN
ARCADIA
RUSTON
BASTROP
LAKE PROVIDENCE
ROOSEVELT
DELHI
SELMAN
MONROE
CHILDRESS
JACKSON 260
HINDS CO.
ARNESON
TALLULAH
VICKSBURG
LONGVIEW
LE TOURNEAU
WINNSBORO
GARDNER
BURNSIDE AND McDONALD
CRYSTAL SPRINGS
FORT WORTH NEW ORLEANS
MEMPHIS NEW ORLEANS
HODGE
JOYCE
DE SOTO PARISH
JOHNSON
CENTER
NATCHITOCHES
HART
FERRIDAY
NATCHEZ
SHARPE
ULMER
FORT WORTH MEMPHIS
MEMPHIS FORT WORTH
LITTLE ROCK 353
MEMPHIS 371
ALTHEIMER
RED 37
BLUE 13
GREEN 5
RED 10
HOUSTON
SAN ANTONIO
NEW ORLEANS
TEX. ARK.
LA. TEX.
C.A.
232
236
38
87
60
90
3000
2000
4000
7000
14
68
123
50
303
146
145
95
10
89
22
267
78
86
266
109
87
55
339
325
25
205
235
221
26
42
85
281
115
10
20
30
40
50

BIRMINGHAM

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 SSW	335	4C S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S6	73,100 oct.JP-1 Army;
→ Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. Poles NE.
(P) Carroll Cone(Tupelo,Miss	See Tupelo Airport under "New Facilities" - name changed			
Central Park (Birmingham, Ala)	5.2 NW;RR SE	535	18 S6	80,91 oct.P-lines NNW ,SSE,NNE.
Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;hwy SW	740	17 S4	80 oct.Trees SSE.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct, Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW; hwy N	219	40h L5 S4	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy N	310	20 S6	80 oct. Obst sur fld.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	20 S2	80 oct. Trees all appchs.
Eutaw (Ala)	2 SE; hwy N	160	23 S4	80 oct.P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S hwy E	236	26 S6	80 oct. P-line,trees E
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L3	P-line SW.
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	26 L3 S6	80oct.Trees E,SE,W.Use ctn
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L3 S3	80 oct.Trees N,S,W.Rough.
→ GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4);116.1,122.1
Greenwood Mun. (Miss)	2.3 SW;RR E	129	40h L5 S6	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	4 N;RR S	207	51h L S4	80 oct.B-2 lgts on req.
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR SW	343	54h L6 S6	80,91,100 oct.Tank,stack
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED E.
Houston (Miss)	1.5 SW;hwy N	342	31 S4	80 oct.NE,E,W blkd.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3 SW;RR E	297	51h L5 S6	80,91 oct;100 oct NG.Ctc
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	P-line S. lgts prior req.
Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Cattle on fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	Trees sur fld.
Masonic (Columbus,Miss)	2.5 NE;hwy S	200	28 S2	80 oct. P-line S.
MAXWELL Army Range (Ala)	362 (DXW)	85°,2.0	SBRAZ	80 oct.N,E blkd.P-line W.
MAXWELL Tower (Ala)	396 (126.18)+		CA ➧:49,09	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
→ North Jackson Arpk. (Jackson, Miss)	6 NE;hwy E	300	22 S6	80 oct.
O'Keefe (Newton,Miss)	1.5 ESE;rd N	363	23 S4	80 oct.Trees SSW,SE. Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;lake N	326	33 S6	80 oct.Obst S,SW,W,NW
(P) Oxford (Miss)	8 S;riv N,W	300	30 S2	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct.P-line W.No sto
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	29 S6	80 oct.P-lines N.
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(P) Starkville (Miss)	2.5 SW;RR NW	325	50h	
Stinson (Aberdeen,Miss)	2.8 NW;hwy E	239	40 S2	80 oct.P-line N;trees NW
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4);116.1,122.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L4 S6	80,91 oct. Obsts sur fld.
Walker Co. (Jasper,Ala)	2.2 NNE;RR W	527	31 L5 S4	80, 91 oct.
Winona (Miss)	1.0 SSE;RR W	370	28 S6	80,91 oct.Trees N,S. Rough.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;crk S Hwy E	274	26 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

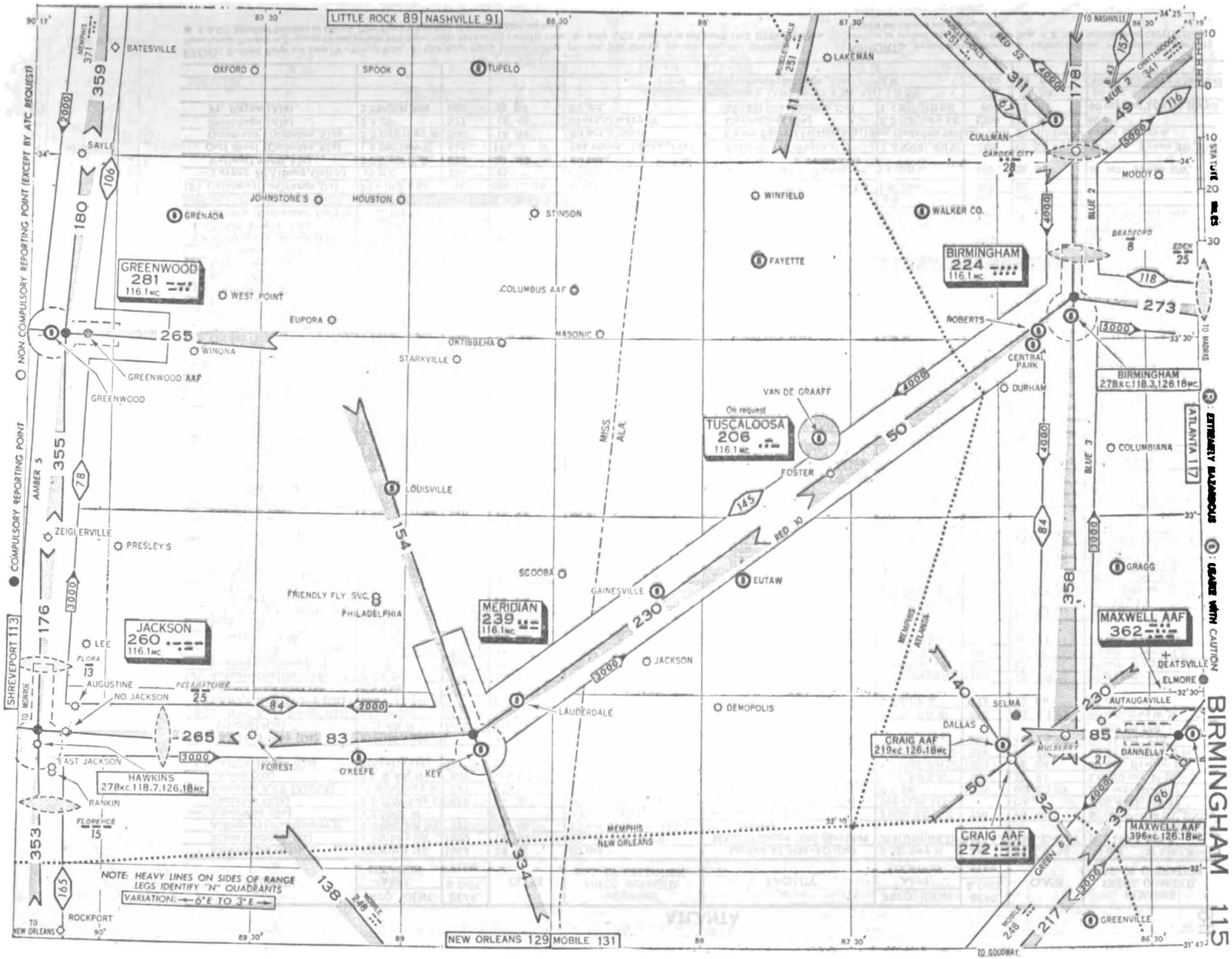
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK356 ····(0.72)	OMK375 — ···(5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- .—.—(0.70)	OM- — —(4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.
Deatsville (Prattsville, Ala	9.5 NNW;hwy W	524	40	Emerg only. S,SE blkd.
Durham (Bessemer, Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct.
Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct.Poles sur fld.
Fayette (Ala)	2.1 NNE;hwy W	358	18 S1	80 oct,P-line NW.
Jackson(Livingston,Ala)	1 N;hwy E	170	18 S4	80 oct
Scooba (Miss)	0.5 NE;RR W	250	19 S4	80 oct.P-line SE Soft when wet
Sayle(Charleston,Miss)	3.3 W;crk S	160	20 S2	80 oct Bldg S
Winfield (Ala)	0.5 SSE;hwys NNE	460	24 L S4	80,91 oct.Trees sur fld
(P) Tupelo (Miss)	3 W;hwy S	338	32 S6	80 oct.No acft repairs.
Johnstones Arpk (Calhoun City,Miss.)	1.8 N;hwy W	210	16 S2	80 oct.Rough,Soft when wet.
Lakeman (Haleyville,Ala)	5 NE	810	18 S4	80 oct.SW hills,trees.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ✣ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ➧ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LITTLE ROCK 89 NASHVILLE 91
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
AMBER 5
BLUE 2
BLUE 3
RED 52
RED 10
BATESVILLE
OXFORD
SPOOK
TUPELO
LAKEMAN
CULLMAN
GARDEN CITY
MOODY
SAYLE
GRENADA
JOHNSTONE'S
HOUSTON
STINSON
WINFIELD
WALKER CO.
FAYETTE
GREENWOOD
281
116.1 MC
WEST POINT
COLUMBUS AAF
EUPORA
OKTIBBEHA
MASONIC
STARKVILLE
WINONA
GREENWOOD AAF
GREENWOOD
BIRMINGHAM
224
116.1 MC
BRADFORD
EDEN
ROBERTS
CENTRAL PARK
DURHAM
BIRMINGHAM
278 KC 118.3, 126.18 MC
COLUMBIANA
ATLANTA 117
TO MADRAS
VAN DE GRAAFF
On request
TUSCALOOSA
206
116.1 MC
FOSTER
LOUISVILLE
MISS
ALA.
ZEIGLERVILLE
PRESLEY'S
SCOOBA
GAINESVILLE
EUTAW
GRAGG
FRIENDLY FLY SVC.
PHILADELPHIA
MERIDIAN
239
116.1 MC
JACKSON
260
116.1 MC
LEE
FLORA
AUGUSTINE
PEE I HATCHIE
NO. JACKSON
JACKSON
DEMOPOLIS
LAUDERDALE
MAXWELL AAF
362
DEATSVILLE
ELMORE
AUTAUGAVILLE
SELMA
DALLAS
CRAIG AAF
219 KC 126.18 MC
CRAIG AAF
272
MAXWELL AAF
396 KC 126.18 MC
DANNELLY
MULBERRY
GREENVILLE
EAST JACKSON
HAWKINS
278 KC 118.7, 126.18 MC
RANKIN
FLORENCE
FOREST
O'KEEFE
KEY
MEMPHIS
NEW ORLEANS
MEMPHIS
ATLANTA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 6°E TO 3°E
ROCKPORT
TO NEW ORLEANS
SHREVEPORT 113
TO MONROE
TO NASHVILLE
TO GOODWAY
NEW ORLEANS 129
MOBILE 131
MOBILE 248
BIRMINGHAM 115
USABLE WITH CAUTION
STATUTE MILES
10
0
10
20
30
34°
34° 25'
33° 30'
32° 30'
32° 10'
32°
31° 47'
90° 17'
90°
89 30'
89
88 30'
88
87 30'
86 30'
86° 19'
2000
3000
4000
5000
359
371
355
353
180
265
311
178
49
116
157
341
251
11
67
106
78
84
118
273
154
145
230
140
85
21
96
33
50
320
334
138
165
176
358
217
83
25
8
13
15
28

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED; HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	2S S6	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15 S1	80 oct. P-line SW.
Allenport (Montgomery)	4.3 SSE;RR NE	175	30 S6	80 oct. Trees N. (Ala)
→ Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW;hwy E	610	24 S6	80 oct. 100' stack WNW.
(A) Anniston AAF (Ala)(A)	15 WSW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
→ ATLANTA Tower (Ga) [Atlanta] (Ga)	278(118.7,126.18)		AC(ILS)	(4); 126.18,118.7,122.5
ATLANTA Navy Range (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA NAS Tower (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
(N) Atlanta NAS (Ga) (N)	356 (142.74)		CN	3105,4495,3117.5;142.7
(P) Auburn-Opelika (Auburn)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
→ Bentley (Calhoun Falls, S.C.)	2.8 E;RR N	770	40h L5 S6	80 oct. (Ala)
→ Butler 14, TJ-AG (Ga)	3 ENE	500	21	RR NNW.
Cedartown (Ga)	0.5 NW;RR S	667	32 L3	S,SW,NE blkd.
Centre (Ala)	1.2 W;hwy SE	800	30 S4	80 oct. SE blkd.
City-Co. (Carrollton, Ga)	0.6 NNW	720	22 S4	80 oct. Trees SSE.
Clevenger's Arpk. (Marietta, Ga)	See Carrollton Airport under "New Facilities"-name changed			
Cobb (Marietta, Ga)	5 NE;RR W	1080	14 S4	Ltd 80 oct. No sto.
(A) Cochran (Macon, Ga)(A)	6.4 SSW;rd S	1050	20 S6	Ltd 80 oct. No sto. Trees
→ Cochran 50, MM-AG (Ga)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
Columbus (Ga)	5 NE;riv E	324	30 L3 S6	80 oct. Trees SSW. (Ga)
(P) Cordele (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
Crawford W. Long (Jefferson, Ga)	1.6 NNE;RR W	305	52h	
(N,P) Dublin (Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE.
Elberton (Ga)	4.5 WNW;hwy S	303	50h L2 S6	Fld lgts on req
→ Felton (Cartersville, Ga)	2 SE;hwy W,N	800	19 S1	80 oct. NATS (Hospital)
Flying "S" Ranch (Villa Rica, Ga)	2.5 N;hwy W	790	24 S4	80 oct. Obst sur fld blkd.
Gadsden (Ala)	1.7 NE	1040	17 S4	80 oct. ENE,WSW,NNW
Gainesville (Ga)	See Gulf Steel under "New Facilities"- name changed.			80 oct. No sto. Rocks NE Data unver.
→ Griffin-Spaulding (Griffin)	1.5 S;RR E,NW	1277	40h (L6) S6	80,91 oct. Lgts on req.
GUNTER Tower (Ala)	1.5 S;hwy SSE	936	30 L4 S6	80,91 oct. ENE,SSE,WSW
(A) Gunter (Montgomery, Ala)	201(126.18)		CA	(3) (Oper. on NNW blkd a variable schedule)
→ Herbert Smart (Macon, Ga)	5 NE;hwy N	225	37h L5	(A)
Hurtsboro (Ala)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct. P-line NE.
* Jackson Int, 57, MM-AG (Ga)	2.5 SE;RR SW	349	23 S1	78 oct.
→ JONESBORO K Fac. (Ga)	4.6 SW	716	30 L3	
Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities"- name changed.			DECOMMISSIONED.
(P) La Grange (Ga)	See Calloway Arpt under "New Facilities"-name changed			
Lakewood (Atlanta, Ga)	4 S;lake SE	1026	16 S4	80 oct.
LAWSON Army Range (Ga)	379 (DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus, Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway (LaGrange, Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct
Turner #1 (Albany, Ga)(A)	15 NE	285	45	CLOSED.
Valley (Lanett, Ala)	2 SE;riv N,E	552	26 S6	80 oct.
Gulf Steel (Gadsden, Ala)	1.9 SW;hwy N	540	15h	Fld rough. Obst sur fld.
Goodyear (Gadsden, Ala)	3.5 ESE;hwy N	500	18 S4	80 oct. E blkd.
Sylacauga (Ala)	2.5 SW	571	19 S6	80 oct. Quarry W
Ft. Payne (Ala).	2 SW;RR NW	800	18 S4	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
McRae, 47, MM-AG (Ga)	2 SE;hwy N	247	26 L3 S6	80 oct. W blkd. Rough
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1, 122.1
→ Madison (Ga)				SSE blkd.
MARIETTA AAF Twr (Ga)	2 SSW;RR .5 E	720	26 S2	80 oct. P-line NE,NNW,
(A) Marietta AAF (A) (Ga)	396 (126.18)		CA	3105,4495;126.18
Montezuma (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Morton (Palmetto, Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Moton (Tuskegee, Ala)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
[Muscogee Co.] (Columbus, Ga)	3 N;RR;hwy W	269	40 S6	80 oct. Twr S end.
Newnan Arpk (Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
Norman Bridge (Montgomery, Ala)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
Parkaire (Marietta, Ga)	5.8 S;RR E	172	23 S4	80 oct.
Polo Arfld (Athens, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Red Dog (Cochran, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
→ Reginald Grant Memorial (Thomaston, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E.
→ Ries (Macon, Ga)	3.7 NNW;hwy S	750	30 S4	80 oct. Trees S.
ROBINS Tower (Ga)	4.5 SE;riv E	300	17 S1	
(A) Robins (Warner-Robins)	284 (126.18)+		CA	80 oct. N,E blkd.
→ Roosevelt (Warm Spgs, Ga)	1.5 NE Wellst'n	295	70h L5 S6	(3); 126.18
Rockmart (Ga)	3.5 N;hwy W	870	21 S2	62,73,100 oct. JP-1.(A)
Rome (Ga)	2 ENE;RR W	900	24 S6	80 oct. WNW blkd.
(N) Russell (Rome, Ga)	3 NW;RR S	669	26 S6	80 oct. Trees N.
* Siloam Int, 7B, AG-CS (Ga)	7 N;hwy N	644	45h L5 S6	80 oct. E blkd.
Souther (Americus, Ga)	1.3 S;hwy 1 NE	654	39 L3	80,91 oct. Lgts prior req
Talladega (Ala)	4 NE;RR W	470	53 S6	SE blkd.
* Tallapoosa Int, 73, FV-AG	2.6 NE;hwy E	590	18 S4	80 oct. NE blkd, trees E.
→ Thomas C. Russell (Alexander City, Ala)	5.5 SSE	1210	21 L3	P-line E, hill W. No sto.
(P) Troy (Ala)	See Russell under "New Facilities" - name changed.			(Ga)
(A) Tuskegee AAF (Ala)(A)	4.8 NNW;rd E	393	50h L5	
→ Tuskegee Institute #1 (Ala)	7.3 NW;RR S	253	50h	CLOSED.
(A) Vidalia-Lyons (Vidalia, Ga	4 SSE;hwy W			ABANDONED.
Wages (Lawrenceville, Ga)	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Washington (Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Weedon (Eufaula, Ala)	See McGill Field under "New Facilities" -name changed			
Winder, 4, AG-LG (Ga)	4.3 NNE;hwy E	275	35 L5 S6	80 oct. No bcn.
Woodbury (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
	1.5 E	770	16 S1	Fuel, Data unver.

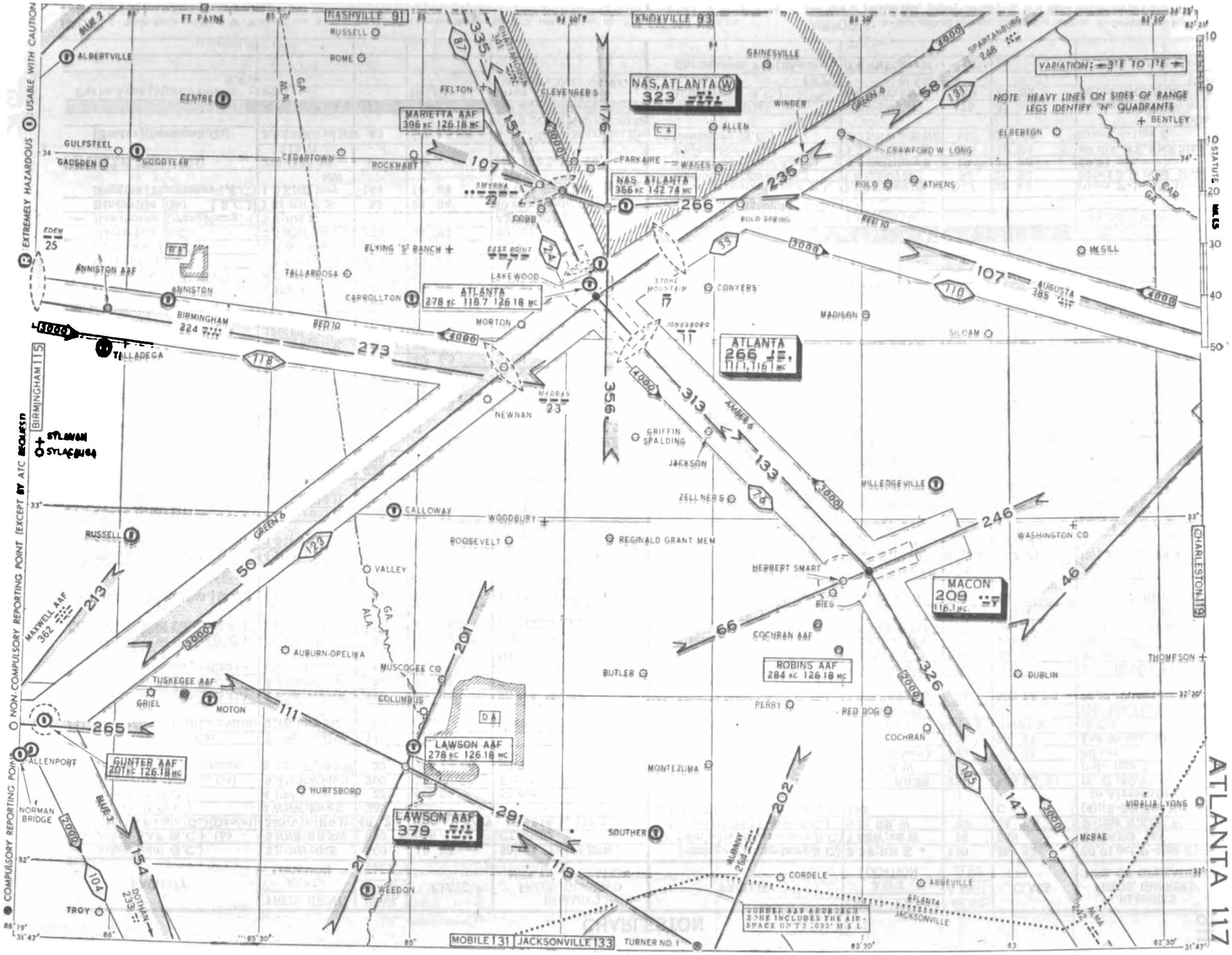
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
ATLANTA	109.9	333.8	329°	IM- MM- ·—·—(0.70) OM- ——(4.40) MMK-201 ·—·— OMK-219 ····

NEW FACILITIES				
→ Milledgeville, (Ga.)	1.5 NW;RR SW	360	28 S4	80 oct. NW blkd. Pwr line E.
Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W
Griel Aux (Tallassee, Ala)	4 S;riv NE	200	35	P-line W. Trees NE
Perry (Ga)	1.5 NNW;hwy W	340	11 S2	80 oct. Lgt acft only.
Gadsden (Attalla, Ala)	3 S	560	48h S4	
Thompson (Swainsboro, Ga)	1 W;hwy E	300	32	
Washington Co. (Sandersville, Ga)	1 E;RR W	460	26 S1	80 oct. Trees NW.
Zellner's (Forsyth, Ga)	1.8 NNW;RR W	705	18 S1	
Camp Sibert (Attalla, Ala.)	See Gadsden under "New Facilities"- name changed.			80 oct. Trees SW,NW.
Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
McGill (Washington, Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S
→ Russell (Alexander City, Ala)	1.5 SW	711	32 S6	80 oct.
→ Sylavan (Sylacauga, Ala)	2 W	560	23 S4	80 oct. Slippery when wet.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6219 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4755 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC)
COMPULSORY REPORTING POINT
NASHVILLE 91
KNOXVILLE 93
NAS, ATLANTA
323
MARIETTA AAF
396 KC 126.18 MC
NAS ATLANTA
356 KC 142.74 MC
ATLANTA
278 KC 118.7 126.18 MC
ATLANTA
266
111.1, 116.1 MC
LAWSON AAF
278 KC 126.18 MC
LAWSON AAF
379
GUNTER AAF
201 KC 126.18 MC
ROBINS AAF
284 KC 126.18 MC
MACON
209
116.1 MC
ANNISTON AAF
BIRMINGHAM
224
MAXWELL AAF
362
TUSKEGEE AAF
MOBILE 131
JACKSONVILLE 133
CHARLESTON 119
TURNER NO. 1
VARIATION: 3°E TO 1°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ATLANTA 117

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga) (Daniel)	385 (VD) (116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal] (Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S4	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg, S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	25 S6	80 oct. ENE, E, WSW, NW blkd.
CHARLESTON Range (S.C.)	329 (CS) (116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
(N) [Charleston Mun.] (S.C.)	9.8 NW;RR NE	45	70h L6 S4	100 oct. Use rnwys only. NATS (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E			ABANDONED.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR S	50	70h L5 S4	100 oct. 1-ech ltd 2-ech maint NG. No bcn.
Clark (Charleston, S.C.)	4 S;harbor NE	6	21 S4	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227 (CI) (116.1)	268°,7.3	SBRAZ-DTV	(4); 116.1, 122.1.
(NG) Congaree (Columbia, S.C.)	15.5 ESE;RR S	237	45h	
(A) Coronaco AAF (Greenw'd)	3.8 N;RR E	629	50h	(S.C.) (A) CLOSED. fld
Conway (S.C.)	2 1 N;RR W	20	24 S1	80oct. Trees, p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
[Daniel] (Augusta, Ga)	2.5 W;RR S	424	42h L5 S6	80,91 oct. P-line S
Donald (St. Matthews, S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS (S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320 (FL) (116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glenville (Ga)	2 SW;hwys N, E	175	32 S1	80 oct.
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	80, 91 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg, S.C.)	5 S;RR E			ABANDONED.
Hinesville (Ga)	3 S; RR E, S	55	24 S4	80 oct. No sto. Rdo re-pairs
Huggins (Timmonsv'l, S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5, 126.18, 118.7
[Hunter] (Savannah, Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80, 91, 100 oct. Sharp incline 370' NE of NE/SW strip
NEW FACILITIES				
Parks Arpk (Myrtle Beach, S.C.)	2 N		25 S1	80 oct. Army Acft in Vicinity. Data unver.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Jennings (Orangeburg, S.C.)	2.3 S;RR E	190	25 S2	80, 91 oct. P-line ENE
(A) John's Isl. (Charleston, S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int, 24, JX-RW (S.C.)	3 S; RR W	72	34 L3	P-line E, ESE, W
LEXINGTON CO. Twr. (S.C.)	396		C	(4); (8-24) (See Notice to Airmen Section)
(P) [Lexington Co.] (Columbia)	6.5 SW;RR SE	233	56h L5 S1	(S. C.) 80, 91 oct.
(P) Lindsey (Swainsboro, Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale, S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRLZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy SE	24	50h L5 S6	73, 91, 100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee, S.C.)	3.3 S;hwy NW	33	60h S1	80, 91 oct.
Owens (Columbia, S.C.)	2.5 SE;RR SW	192	36h L4 S6	80, 91 oct. Tank WSW;
Parris Isl. (S.C.)	1.5 S	11	60h	CLOSED twr SSE
Peiffer (Wilmington, N.C.)	6 ESE;hwy N	10	18 S6	80 oct. N, NNE blkd.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga) (Hunter)	263 (SH) (116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy NW	10	29 L S6	80 oct. Bndry lgts. N, NE blkd. Rough.
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18
(A) Shaw (Sumter, S.C.) (A)	7 WNW;RR W	236	45h L5 S6	73, 91, 100 oct. JP-1.
(P) Statesboro (Ga)	3.8 NE;hwy W	180	53h	
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80, 91 oct. Data unver.
Sylvania (Ga)	7.5 SSE	160	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston, S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W. Savannah (Savannah, Ga)	3 W;RR W, N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden, S.C.)	2.9 NE;hwy E	300	30h S4	80, 91 oct. Parked acft on fld

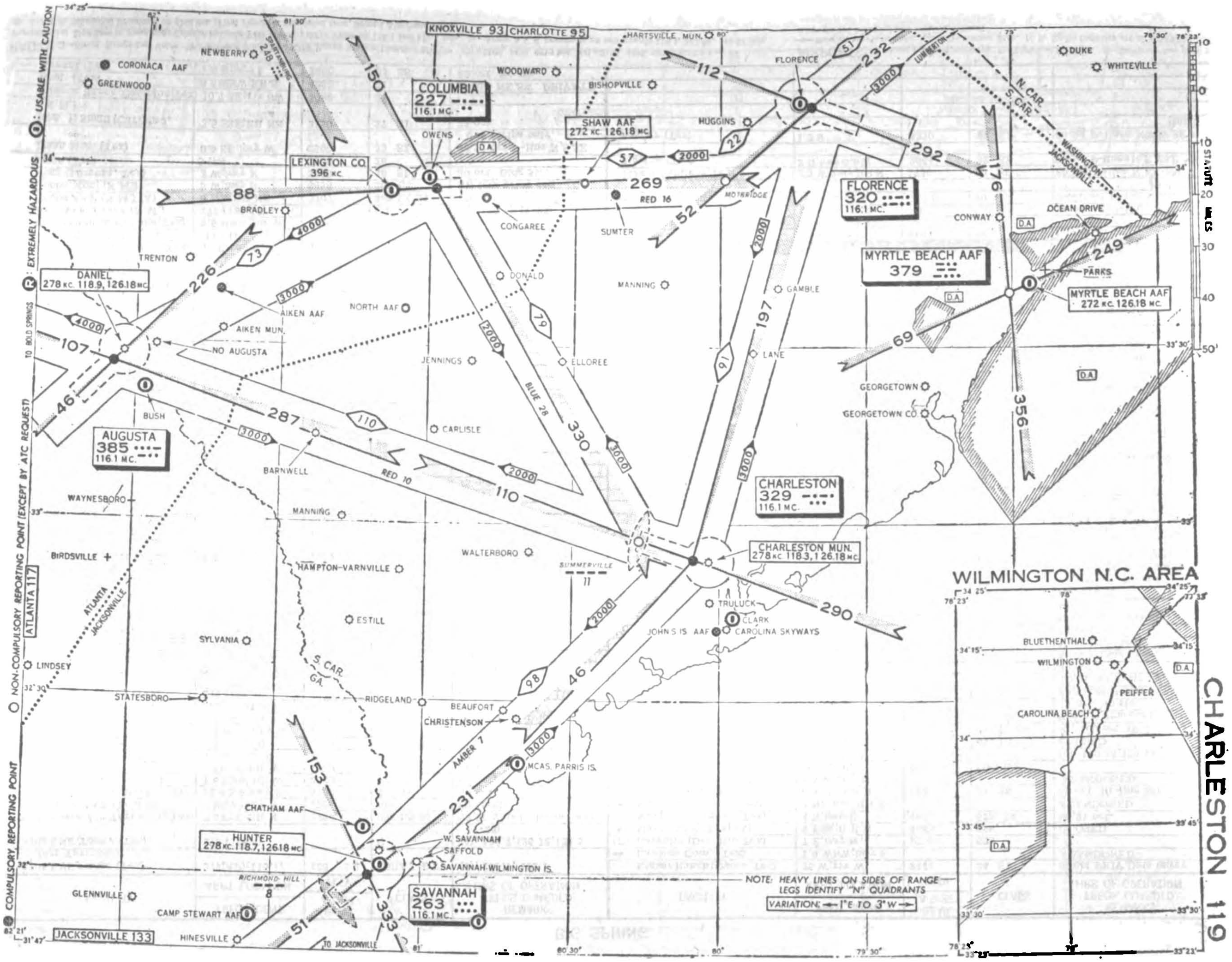
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- ·-·-(0.64)	OM- --(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
Hampton-Varnville (Hampton, S.C.)	1.6 E;RR SW	110	28	ESE, SSW, WNW blkd.
Bradley (Batesburg, S.C.)	3.2 SE;hwy W	537	22 S2	80 oct. P-line W, trees
Gamble (Kingtree, S.C.)	1.8 E;hwy N	52	21 S2	80 oct. S, W blkd S, SE.
Saffold (Savannah, Ga)	4.8 ESE;hwy S	10	32 S6	80, 91 oct.
Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. NE, ENE blkd.
Newberry (S.C.)	2.3 NNW;RR NE	566	22 S6	80 oct. P-line E
Glennville (Ga)	2 SW;hwy N	175	32 S1	blkd. 80 oct. ESE, WNW appchs
Bishopville (S.C.)	1.8 NNE;hwys 0.6 SW	220	19 S2	80 oct. NNE, E, SSW blkd by trees
Christenson Fld (Beaufort, S.C.)	0.8 NNW;riv N	20	26	W, NNW, E, SSE blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

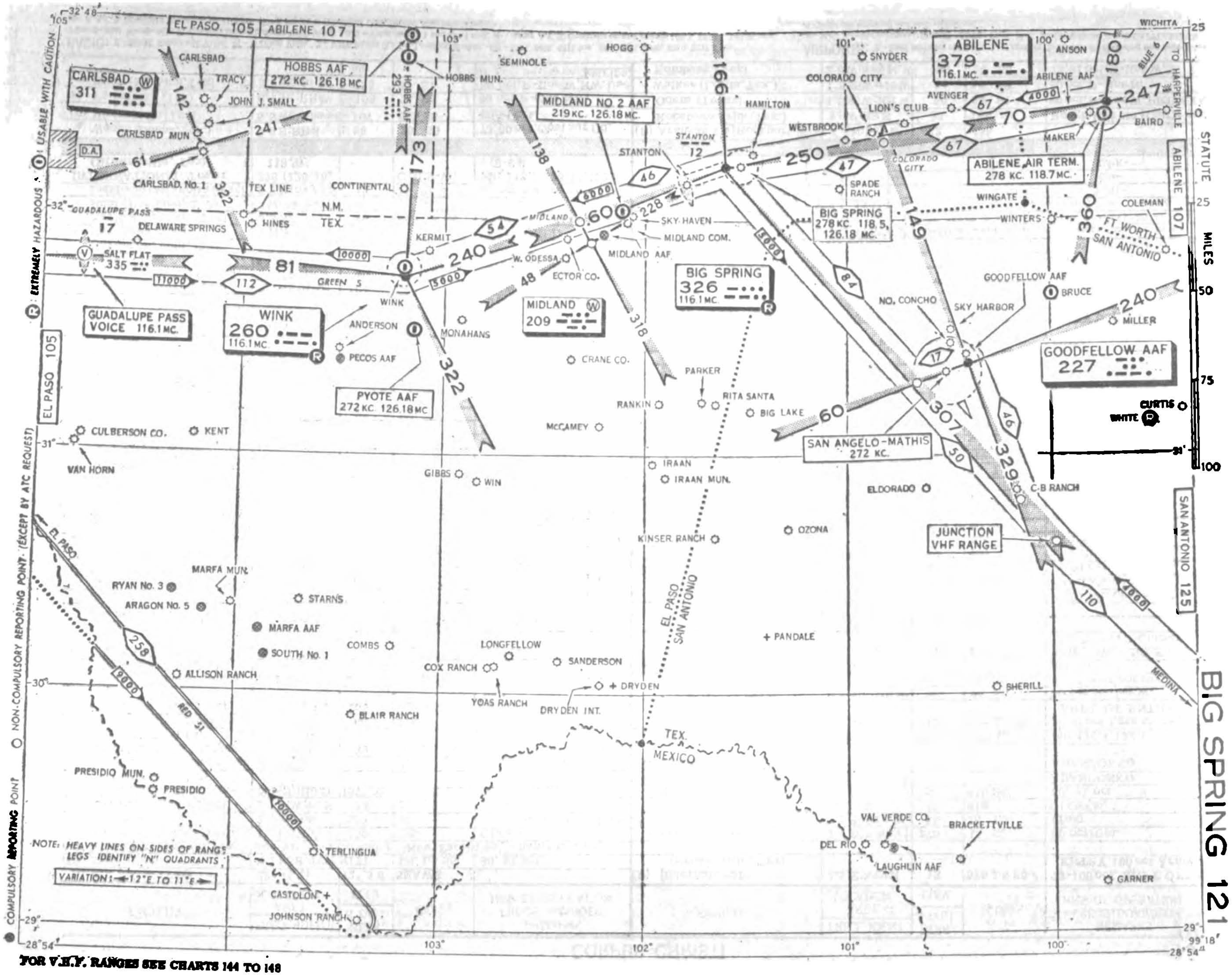

CHARLESTON 119
KNOXVILLE 93 CHARLOTTE 95
JACKSONVILLE 133
ATLANTA 117
CORONACA AAF
GREENWOOD
NEWBERRY
SPARTANBURG
COLUMBIA
227
116.1 MC.
LEXINGTON CO.
396 KC.
SHAW AAF
272 KC. 126.18 MC.
HARTSVILLE MUN.
WOODWARD
BISHOPVILLE
FLORENCE
DUKE
WHITEVILLE
OWENS
HUGGINS
BRADLEY
TRENTON
DANIEL
278 KC. 118.9, 126.18 MC.
AIKEN AAF
AIKEN MUN.
NORTH AAF
NO AUGUSTA
CONGAREE
SUMTER
RED 16
MOTTEDGE
DONALD
MANNING
JENNINGS
ELLOREE
CARLISLE
BUSH
AUGUSTA
385
116.1 MC.
BARNWELL
RED 10
BLUE 28
WAYNESBORO
BIRDSVILLE
HAMPTON-VARNVILLE
WALTERBORO
SUMMERVILLE
ESTILL
SYLVANIA
LINDSEY
STATESBORO
RIDGELAND
BEAUFORT
CHRISTENSON
AMBER 7
MCAS. PARRIS IS.
CHATHAM AAF
HUNTER
278 KC. 118.7, 126.18 MC.
W. SAVANNAH
SAFFOLD
SAVANNAH WILMINGTON IS.
SAVANNAH
263
116.1 MC.
RICHMOND HILL
GLENNVILLE
CAMP STEWART AAF
HINESVILLE
TO JACKSONVILLE
FLORENCE
320
116.1 MC.
CONWAY
OCEAN DRIVE
MYRTLE BEACH AAF
379
MYRTLE BEACH AAF
272 KC. 126.18 MC.
PARKS
GAMBLE
LANE
GEORGETOWN
GEORGETOWN CO.
CHARLESTON
329
116.1 MC.
CHARLESTON MUN.
278 KC 118.3, 126.18 MC
TRULUCK
CLARK
JOHNS IS. AAF
CAROLINA SKYWAYS
N. CAR.
S. CAR.
WASHINGTON
JACKSONVILLE
LUMBERTON
ATLANTA
JACKSONVILLE
S. CAR.
GA.
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
D.A.
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
TO BOLD SPRINGS
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 1°E TO 3°W

BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;RR N	2595	62h L5 S6	80,91,100 oct. NATS.
Blair Ranch (Marathon,Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req. Use rnwys.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW	3276	65h L5	Hwy E. Rnwy lgts on req.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E.
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only.
Combs (Marathon, Tex)	0.8 SE;RR N	4100	26 S2	80 oct.
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
** Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
** Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
→ Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
→ Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area; 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h	TMP INACT.
GUADALUPE PASS (Tex)	(116.1)		VP	116.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct.
→ [Hobbs Mun] (N.M.)	5 W;hwy N	3658	50h L5	All lgts prior req.
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
→ Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Laughlin (Del Rio,Tex)	7 E;hwy N	1070	67h	
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
→ Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
→ Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24)
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
(A) [Midland#2](Tex)	3 NW;rd E	2805	64h L5 S4	91, 100 oct. JP-1 Army
Midland Com. (Tex)	1.1 SSE; hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	33 S6	80,91 oct.P-line SSW.
→ [North Concho](San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4); 12 noon 'til 1 hr. after sunset.Closed Mon
(P)[San Angelo-Mathis](Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct,400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld. P-line W,NW
Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80,91 oct.After 2100 lgts on req.
Sky Haven (Midland, Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED. W-mill WNW
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S	3080	30 S6	80 oct.
→ U & S Fly.Svc.(Big Spring)	See Hamilton under "New Facilities" - name changed.			
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
* Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
→ White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex	14.8 S;ranch 4 E	2127	26	
Westodessa (Odessa,Tex)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
→ Hamilton (Big Spring,Tex.)	1.5 N;hwy 1 S	2517	40 S6	80,91 oct.P-line N,NNE.Ctn. Data unver.
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW.
Snyder (Tex)	1.3 S	2270	21 S2	80 oct.P-lines NW,W,SE.E blkd.

RADIO: .S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 2117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. (Vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;hwy 2 N	177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	See Victoria Co under "New Facilities" - name change			
Aloe #10 (Victoria,Tex) (A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;hwy N	552	13	Trees N. Bush ENE. CTN.
* Austwell Int,5A,CR-HU -	2.1 SSW;rd N	23	32 L3	(Tex)
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;hwy NW	30	50h L5 S6	80,91,100 oct. opers).
→ Central Valley (Mercedes)	3 NE;RR 1.5 S	60	31h S6	80,91 oct. (Tex)
Chase (Beeville,Tex.)	5.6 ESE;rd N	186	46h L5	No bcn, bndry, or flood lgts.
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus] (Corpus Christi, Tex)	2.5 SW;hwy N	42	45h L6 S2	80,91 oct.
Commercial (Edinburg)	1 W;RR SE	90	13 S1	73 oct. P-line NW. (Tex)
Community (Sinton,Tex)	2 W;RR E	50	24 S4	80 oct. Trees N,E,SE.
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE;bay N	19	50h L5 S6	80,91,100 oct NATS (N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN.	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex) (N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex) (N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex) (N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	31 S4	80 oct. P-line ENE,WSW.
→ CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L5 S6	80,91 oct. No bcn. (Tex.)
Dimmit Co. (Carrizo Spgs, (Tex)	2.8 E;hwy N	640	26	P-line NNE,WSW.
(P) Eagle Pass (Tex)	10 N;RR N	887	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct. ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR SE	70	21 L S6	80 oct. Lgts prior req.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	CLOSED
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 L S4	80,91 oct. Poles S.SW.
→ Freer (Tex)	3.8 NNW			ABANDONED Port flood prior req.
Harlingen, com. (Tex)	1.8 SSW	41	18	
→ Harlingen (Tex)	5 NW;RR SW			ABANDONED
Harlingen, mun. (Tex)	3.5 NE	35	60h L5 S6	80,91 oct. Lgts prior req
Hunt (Portland, Tex)	2 WNW;bay S	35	16 S4	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy 1 S	17	34 S1	80 oct. Emerg only (Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18, 118.7)		C (ILS-W)	(4); 118,7.126.18,122.5 (8-24)
NEW FACILITIES				
Woods (Donna,Tex.)	0.9 E;RR S	88	25 S6	73,80 oct. Obst sur fld.
(P) Victoria Co (Tex)	5.5 WSW;hwy S	107	56h S6	80,91 oct.
→ Falfurrias (Tex)	0.7 SE;RR W	109	24 S1	80 oct. P-line NW.
→ Shary (Mission,Tex)	3.8 SE;rd W	135	37 S1	80 oct. P-line W,NW. Use strips.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	19	57h L6 S6	73-100 oct. ARPT OF ENTRY. 100 oct. Army
Kenedy (Tex)	1.4 ESE;hwy N	270	15 S2	80 oct. Ctn.
* Kingsville Int,11,JI-FV	3.5 S;hwy W	58	26 L3	(Tex)
" (North) (Tex)	3.5 ESE	47	61h	CLOSED.
Kingsville (South) (Tex)	3.5 SE	51	61h S4	80, 91 oct.
→ Lake Mathis (Mathis,Tex)	5 WSW;RR SE			ABANDONED.
→ La Laja (Dolores,Tex)	1.5 NNE;riv SW			ABANDONED
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy, RR W	512	66h L5 S6	80,91 oct. Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S6	80 oct. P-line W.
McAllen (Tex)	1.6 SSW;hwy E	115	29 S6	80,91 oct. Obst sur. fld.
→ Magic Valley (Mission)	1.5 SSW;lk W			ABANDONED
(A) Matagorda Island (Tex) (A)		7	40h	TMP INACT. NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Obst sur fld.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25h S4	80 oct. Canal N,E,S.
(P) Moore (Mission, Tex)	12 N;RR E	219	50h S6	80,91 oct.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	wy,RR W
(A) " #3 (Mission,Tex) (A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S4	80 oct.
* Pawnee Int,22,JI-FV (Tex)	5 WNW	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
* Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	See Aransas Co under "New Facilities" - name changed.			
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;riv S	20	51h L5 S6	80,91,100 oct. opers.)
Rooke (Refugio, Tex)	3.2 WSW	46	26 S4	80 oct. P-line NE.
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	80,91 oct. Bust SW.
→ Shary (Mission, Tex)	1 NW;RR E			ABANDONED
Sinton (Tex)	1.3 E	27	26 S6	80,91 oct.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct. P-line E,NE.
Waldron (Corpus Christi, Tex)	12 SSE;hwy NNE	25	50h	CLOSED.
→ Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
→ Wormser (Lardeo, Tex)	4 SE;hwy W			ABANDONED
Worsham (Taft,Tex)	0.8 ENE;hwy S	54	20 L S6	80 oct. Port lgts on req.

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

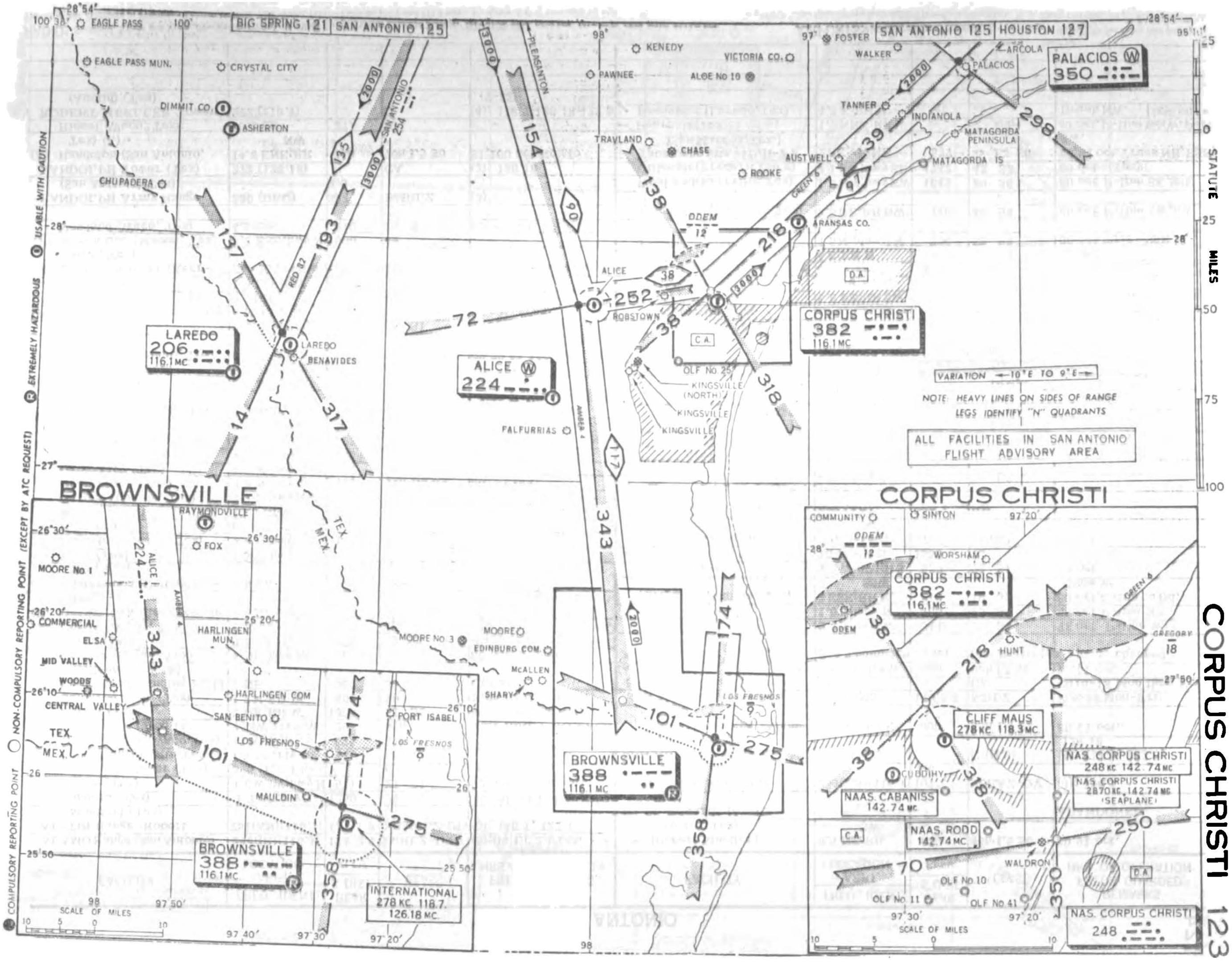
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3 •--•-•	335	170°	IM-	MM- •-•-• (0.66)	OM- ——(4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

(P) Aransas Co (Rockport,Tex)	4.3 N;bay W	22	45h	
Robstown Arpk (Tex.)	1 SW;RR S	33	16h	Rough. Use ctn. Cattle on fld.
Odem (Texas)	1.5 SSW;RR W	50	25 S1	80 oct. P-line W. PRIVATE.
Walker (Lolita,Tex.)	1.8 SSW;riv W	14	18 S2	80 oct. P-line N.
Edinburg (Tex)	2.8 W;hwy N,W	90	24 S6	73,91 oct. P-line W,N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


BIG SPRING 121 | SAN ANTONIO 125
SAN ANTONIO 125 | HOUSTON 127
EAGLE PASS
EAGLE PASS MUN.
CRYSTAL CITY
DIMMIT CO.
ASHERTON
CHUPADERA
KENEDY
VICTORIA CO.
PAWNEE
ALOE No 10
FOSTER
WALKER
ARCOLA
PALACIOS
PALACIOS
350
TANNER
INDIANOLA
MATAGORDA PENINSULA
MATAGORDA IS
AUSTWELL
TRAVLAND
CHASE
ROOKE
ARANSAS CO.
ODEM
12
ALICE
38
252
ROBSTOWN
72
LAREDO
206
116.1 MC
LAREDO
BENAVIDES
ALICE
224
FALFURRIAS
CORPUS CHRISTI
382
116.1 MC
D.A.
C.A.
OLF No 25
KINGSVILLE (NORTH)
KINGSVILLE
KINGSVILLE
VARIATION 10°E TO 9°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN SAN ANTONIO FLIGHT ADVISORY AREA
BROWNSVILLE
RAYMONDVILLE
FOX
MOORE No 1
COMMERCIAL
ELSA
MID VALLEY
WOODS
CENTRAL VALLEY
HARLINGEN MUN.
HARLINGEN COM
SAN BENITO
LOS FRESNOS
MAULDIN
MOORE No 3
MOORE
EDINBURG COM.
McALLEN
SHARY
PORT ISABEL
BROWNSVILLE
388
116.1 MC
INTERNATIONAL
278 KC 118.7
126.18 MC
CORPUS CHRISTI
COMMUNITY
SINTON
WORSHAM
CORPUS CHRISTI
382
116.1 MC
ODEM
HUNT
GREGORY
CLIFF MAUS
278 KC 118.3 MC
CUDDIHY
NAAS CABANISS
142.74 MC
NAAS RODD
142.74 MC
NAS CORPUS CHRISTI
248 KC 142.74 MC
NAS CORPUS CHRISTI
287.0 KC 142.74 MC
(SEAPLANE)
WALDRON
OLF No 10
OLF No 11
OLF No 41
NAS CORPUS CHRISTI
248
CORPUS CHRISTI 123
STATUTE MILES
NAUTICAL MILES
SCALE OF MILES
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT

SAN ANTONIO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DTV	(3); 116.1, 122.1
Bandera (Tex)	1.7 SE;riv N	1250	27 S6	80 ,91 oct.P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	515	65h L5 S6	73,100 oct. JP-1.
→ [Blackland#1](Waco,Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;riv 1 W	195	53 S6	80,91oct.Port lgts prior req.
→ Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
→ Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW	185	1956	80 oct.
→ Edna (Tex)	1.5 ENE;RR NW			ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	lgts prior req
Garner (Uvalde, Tex)	2.7 E;hwy NW	930	17h L S6	80,91 oct. Port rnwy
(P) Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct. P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct.P-lines NE,E,
Hefner (El Campo, Tex)	1.5 WSW	104	41 L S6	80 oct. Port rnwy lgts.P-line NNE,SSW
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.STI
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
(P) Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
(P) Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
→ Louise (Tex)	1.6 E;RR W			ABANDONED
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities"-name changed			
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
→ RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ [Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct.
→ St. Edwards (Austin, Tex)	3.5 S			ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3) (6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv 1.4 W	596	63h L5 S1	73,91 oct.
* San Marcos Int, 31B, JI-FV (Tex)	See Thompson under "New Facilities" -name changed.			
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
→ White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
ALAMO	109.9	333.8	30°	IM-		MM-•-•-(0.68)	OM- – –(4.38)
					MMK-		OMK-230•– – –
				JM-		MM-	OM-
						MMK-	OMK-

NEW FACILITIES

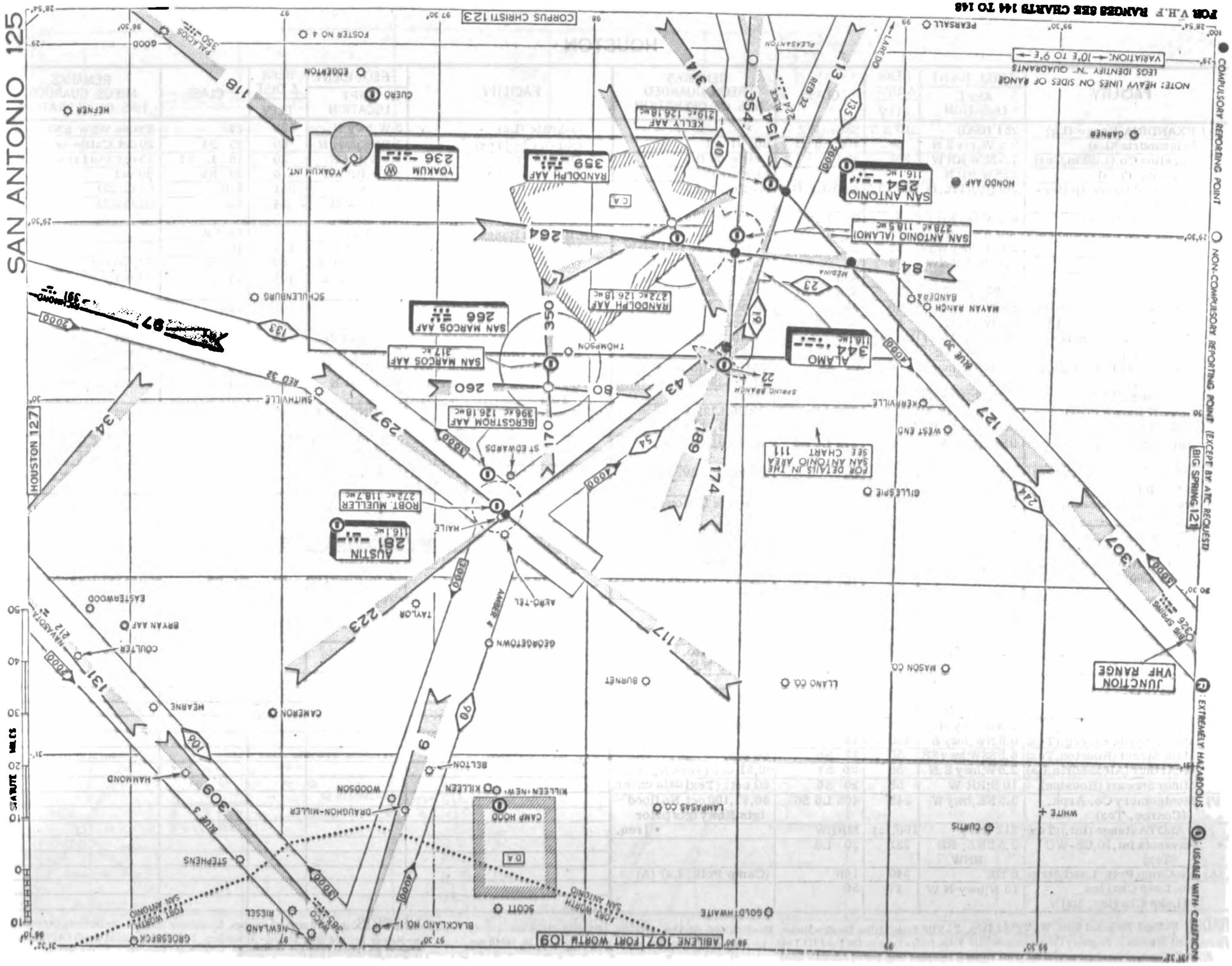
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ Edna (Tex,	See Good under "New Facilities"- name changed.			
Killeen-new (Tex)	1.6SE;RR,hwy N	833	25 S1	80 oct.
Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct No f-lgts P-line
Good (Edna,Tex)	2 ESE;hwy S	60	18 S1	80 oct.
Mayan Ranch(Bandera,Tex)	0.7 W;riv N	1230	25 S2	80 oct Trees NNE,SSE,NW
St Edwards(Austin,Tex)	4 S;RR N	700	23 S4	80 oct
Aero-Tel(Austin,Tex)	7.5 N;plant 1 N	720	22 S6	80 oct Trees SSE,W .
Faust(New Braunfels,Tex)	2.5 NE;RR NW	720	44 S4	80 oct P-line SW,NW
West End(Kerrville,Tex)	1.9 NW;hwy SW	1645	20 S6	80 oct P-line SE,SSE
Gillespie(Fredericksb'g)	3.1 SW;hwy SE	1742	42 S3	80 oct. (Tex)
Thompson Site 31B,JI-FV (San Marcos,Tex.)	2 SE;riv NE	577	29 L3 S6	80,91 oct.Trees NE,ESE, SW.
→ Pearsall (Tex)	1.9 NNE;RR W	645	23 L S4	80 oct.P-line WNW.Port
Benavides (Laredo,Tex)	4.3 E;RR N	545	25	Brush NW. lgts on req.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN ANTONIO 125

FOR V.H.F RANGES SEE CHARTS 144 TO 148



HOUSTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
[Alexandria] (La)	5.5 W;riv 2 N	88	70h L5 S1	80, 91 oct.
Angelina Co. (Lufkin, Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
Bay City (Tex)	2 SSW;RR N			ABANDONED
BEAUMONT Range (Jefferson Co) (Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
→ [Beaumont] (Tex.)	6.8 W;bet RRs	31	34 L3 S6	73,80 oct. Fld lgts prior
Carter Fly. Svc (Velasco, Tex)	0.8 NW;RR NE	10	27 S1	80 oct. P-line NNW req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld WNW
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	Lgts on req to Ellington
(A) Ellington (Houston, Tex) (A)	15 SE;RR W	39	52h L5 S1	100 oct. Airways or
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct. Houston Arpt.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
[Galveston] (Tex)	3.5 WSW;gulf S	7	60h S6	80,91 oct.
Gulf Coast (Texas City, Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105,6390 (days) N.
(N) Hitchcock NAF (LTA) (N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3);116.1,122.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
[Houston] (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91,100 oct.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress, Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co. (Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5	Rnwy ctc lgts on req.
Jennings (La)	1.4 NNW;RR SW	20	32 S4	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
→ LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.] (La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,91,100 oct JP-1 for Army.
→ Lake Charles (La)	5.2 SSW;hwy N			ABANDONED
→ Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5 S2	80,91 oct.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg. (Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston, Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria, La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S. Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.) (Tex)	212 (NT)	180°,1.4	MRLW	req.
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No. Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy N W	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur, Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston, Tex) (A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville, Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston, Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So. Camp Polk Landing Strip (Camp Polk, La) (A)	Adj E	300	21h	
Sky Harbor (Anahuac, Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston, Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S4	80 oct. P-line NW,NNW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

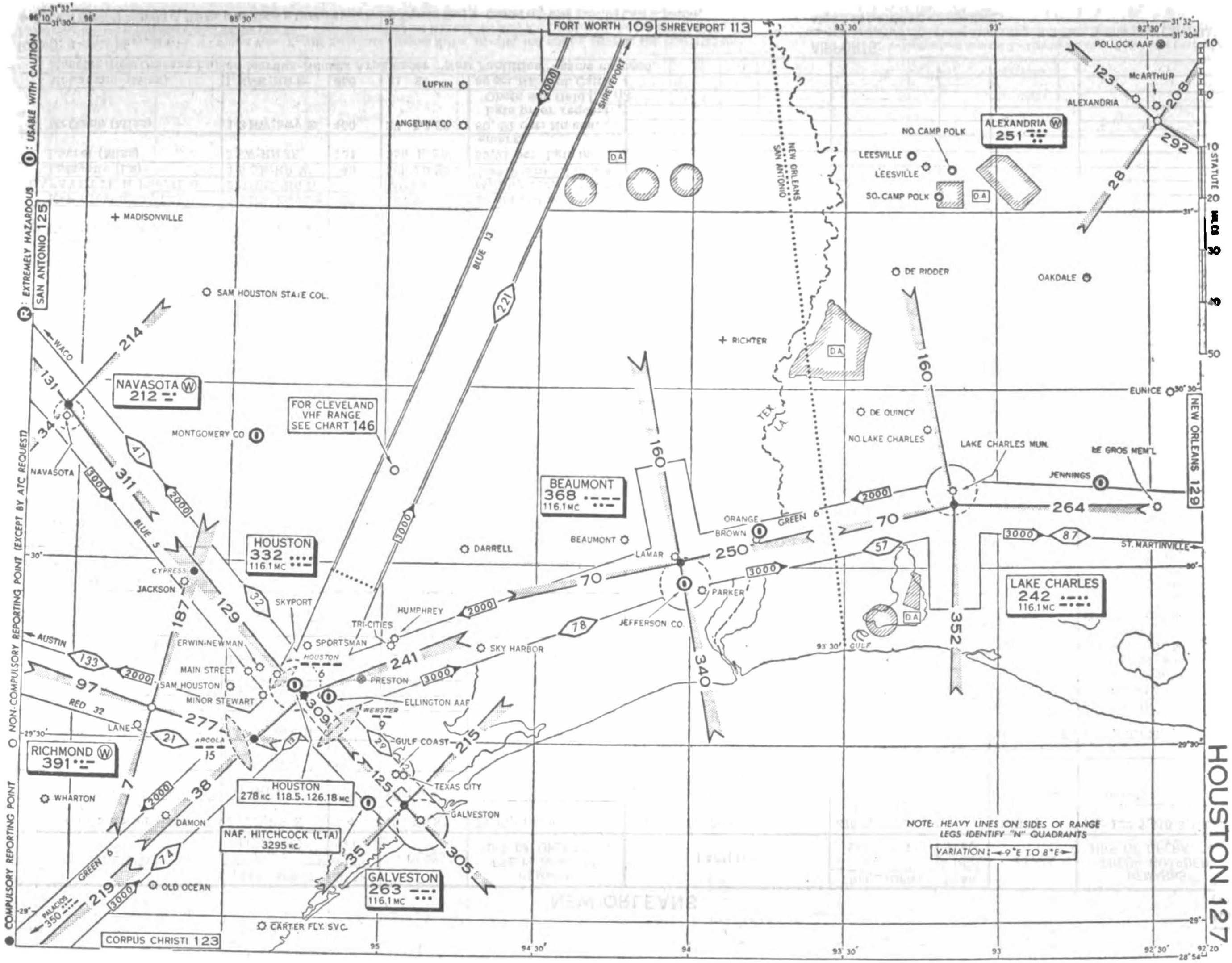
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9	333.8	35°	IM-	MM- •—•—• (0.66)	OM- ——(4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

CLEVELAND Range (Tex)	109.1 (CL)		VARW	
Brown (Orange, Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
Farrell (Liberty, Tex)	4.3 ESE;RR, hwy N	30	29 S1	80 oct. P-line N
Lane (Rosenburg, Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
Texas City (Tex)	1.8 NNW	8	34 S4	80,91 oct. P-line NE.
ELLINGTON Tower (Houston, Tex.)	219		CA	4495;126.18 (8-17)
→ Leesville (La)	2 E;hwy N	150	12 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4766 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


FORT WORTH 109
SHREVEPORT 113
SAN ANTONIO 125
NEW ORLEANS 129
HOUSTON 127
CORPUS CHRISTI 123
① : USABLE WITH CAUTION
② : EXTREMELY HAZARDOUS
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
● COMPULSORY REPORTING POINT
LUFKIN
ANGELINA CO
MADISONVILLE
SAM HOUSTON STATE COL.
MONTGOMERY CO
NAVASOTA
NAVASOTA 212
FOR CLEVELAND VHF RANGE SEE CHART 146
BLUE 13
SHREVEPORT
1000
221
214
131
WACO
311
BLUE 5
187
129
32
HOUSTON 332 116.1 MC
CYPRESS
JACKSON
SKYPORT
TRI-CITIES
HUMPHREY
ERWIN-NEWMAN
SPORTSMAN
HOUSTON
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
WEBSTER
GULF COAST
TEXAS CITY
GALVESTON
AUSTIN
133
97
RED 32
LANE
277
ARCOLA
RICHMOND 391
WHARTON
38
7
DAMON
HOUSTON 278 KC 118.5, 126.18 MC
NAF. HITCHCOCK (LTA) 3295 KC
GALVESTON 263 116.1 MC
CARTER FLY. SVC.
OLD OCEAN
PALACIOS 350
GREEN 6
219
74
35
305
309
215
125
241
78
SKY HARBOR
BEAUMONT 368 116.1 MC
BEAUMONT
DARRELL
LAMAR
ORANGE
BROWN
GREEN 6
250
70
JEFFERSON CO.
PARKER
340
352
57
87
ST. MARTINVILLE
LAKE CHARLES 242 116.1 MC
LAKE CHARLES MUN.
DE GROS MEM'L
JENNINGS
264
2000
3000
NO. LAKE CHARLES
DE QUINCY
TEX LA
160
EUNICE
DE RIDDER
OAKDALE
RICHTER
NEW ORLEANS SAN ANTONIO
LEESVILLE
NO. CAMP POLK
SO. CAMP POLK
ALEXANDRIA 251
ALEXANDRIA
McARTHUR
POLLOCK AAF
123
208
292
28
D.A
93° 30'
GULF
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E
STATUTE MILES

NEW ORLEANS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) **Alvin Callender (New Orleans, La)**	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	119°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
→ **Chapman** (New Orleans, La)	8.5 NE;lake N			ABANDONED
* Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int. 26. HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
Ellisville (Miss)	1.3 SW	240	18 S4	80 oct. Trees all appchs.
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	108	45h	CLOSED
False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	fld.
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S4	73,80,91 oct. Obst sur
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S4	80 oct. Trees sur fld.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(P) Gulfport Mun (Miss)	5 NE;bayou N	27	70h S4	80 oct..
→ Gulfport Mun (Old) (Miss)	1.3 N;RR E	30	24	
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding] (Baton Rouge, La)	5.8 NNE	70	60h L5 S2	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW
(A) Hattiesburg AAF (Miss) (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA) (La) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	See Sharpe Airport under "New Facilities" - name changed			
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi, Miss) (A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227 (UG) (116.1)		MHTV	(4); 116.1,122.1 on req.
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts
Laurel (Miss)	3 SW;RR SE	231	55h L S6	80,91 oct. Lgts in/ emerg.
McComb (Miss)	1.3 NW;hwy E	460	27 L3 S6	80, 91 oct. No bcn. Lgts prior request. Obsts sur field. on fld.
McLaurin (Miss)	1 NNE;RR E	350	21 S4	80 oct, NE blkd. Cattle
Menefee (New Orleans, La)	See Meraux-Neunez Arpk under "New Facilities" - name changed.			

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
[Moisant International] (N) (New Orleans, La)	11 W;riv 1 S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338 (NO) (116.1)	271°,3.2	SBRAZ-DTV	(3);116.1,122.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L4 S4	91,100 oct.; 80-100 oct, 1-ech main NG..
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La) (N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE;hwy W	92	19 S4	80 oct. P-line W
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
→ Texaco (New Iberia, La)	2.6 N;hwy W			ABANDONED
* Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
→ Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	73,80 oct. No sto. P-line
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct. W

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

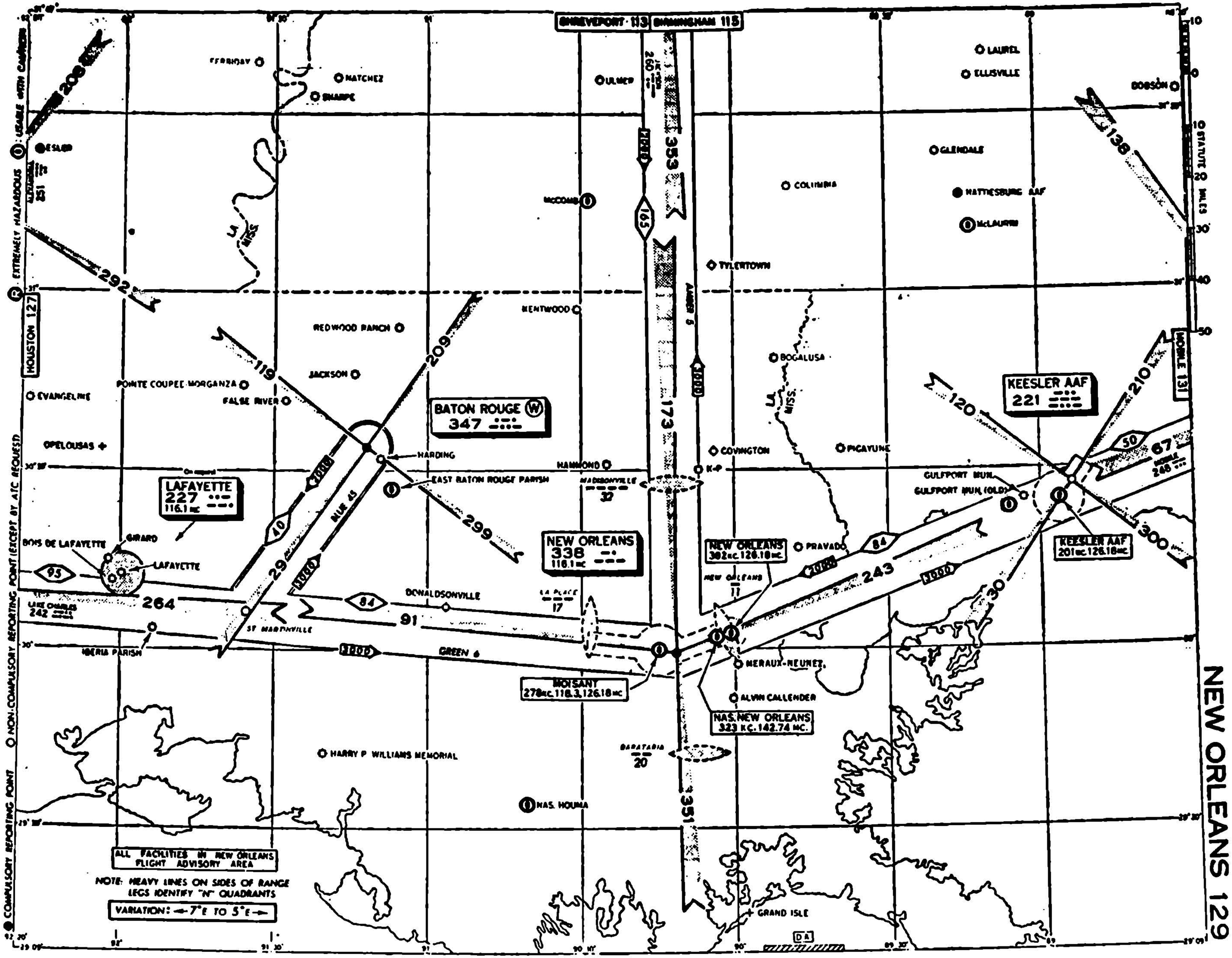
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	100°	IM- ·····(0.05)	MM- ·-·-(0.67)	OM- ——(3.92)
				MMK-	OMK-254 ·—··	
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Pravado (Slidell, La)	1 W;hwy N	9	18 S1	80 oct
Kentwood (La)	0.4 N	100	15 S2	80 oct
Dobson (Bucatunna, Miss)	1 N;hwy W	185	22 S2	80 oct. Trees ENE,SSE.
Sharpe (Natchez, Miss)	1.8 ESE;RR S	27	26 S4	80 oct. N,W blkd NNW
Meraux-Neunez Arpk (New Orleans, La.)	5.2 E;riv S	1	25 S6	80 oct. P-lines S.
→ Bois de Lafayette (Lafayette, La)	2 SSW;bayou N	39	20	
→ Point-Coupee-Morganza (Morganza, La)	0.1 S;RR S	35	21	
→ Redwood Ranch (Wilson, La)	2 SSE;RR .5 E	256	21 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SHREVEPORT 113
BIRMINGHAM 115
FERRIDAY
NATCHEZ
SHARPE
ULMER
LAUREL
ELLISVILLE
DOBSON
ESLER
McCOMB
COLUMBIA
GLENDALE
HATTIESBURG AAF
McLAURIN
TYLERTOWN
KENTWOOD
REDWOOD RANCH
JACKSON
POINTE COUPEE-MORGANZA
FALSE RIVER
EVANGELINE
OPELOUSAS
BOGALUSA
BATON ROUGE W
347
HARDING
HAMMOND
EAST BATON ROUGE PARISH
MADISONVILLE
32
COVINGTON
PICAYUNE
GULFPORT BILOXI
GULFPORT BILOXI (OLD)
KEESLER AAF
221
KEESLER AAF
201 KC. 126.18 MC.
LAFAYETTE
227
116.1 MC
BOIS DE LAFAYETTE
GIRARD
LAFAYETTE
NEW ORLEANS
338
116.1 MC
NEW ORLEANS
302 KC. 126.18 MC.
NEW ORLEANS
11
PRAVADO
DONALDSONVILLE
LA PLACE
17
LAKE CHARLES
242
ST MARTINVILLE
IBERIA PARISH
GREEN 6
MORSANT
278 KC. 118.3, 126.18 MC
MERAUX-NEUNET.
ALVIN CALLENDER
NAS. NEW ORLEANS
323 KC. 142.74 MC.
HARRY P WILLIAMS MEMORIAL
BARATARIA
20
NAS. HOUMA
GRAND ISLE
ALL FACILITIES IN NEW ORLEANS FLIGHT ADVISORY AREA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°E TO 5°E
HOUSTON 127
MOBILE 131
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE 10 MILES
NEW ORLEANS 129

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 S;hwy W	340	18 S6	80 oct, P-line NW.
(A) Apalachicola AAF (Fla)(A)	2 W;RR N	19	53h	CLOSED.
* Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West (Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Fascomb (Fla) (A)	3.5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct. No flood lgts; ctc lgts on req.
(P) Brewton (Ala)	3.5 S;riv N	92	40h	Cattle on fld.
Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126 18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	
Carabelle Flgt Strip (Fla)	2.6 W;hwy S	20	40h	
Chastain's (Prichard, Ala)	2.5 NW;hwy E	50	19 S6	NNW 80 oct. SSE blkd. Trees SW
Chipley (Fla)	3.2 SE;RR N	100	26 S6	80 oct. S blkd. Trees N.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct. Data unver. (Fla
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4);116.1,122.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L2 S6	80 oct. No sto.
Davis (Mobile, Ala)	15.5 SW;bcn N	180	17 S6	80 oct.
De Funiak Springs (Fla)	1 W;hwy N	197	25 S6	80 oct. Obst sur fld.
Donalsonville (Ga)	1 S	150	40h	
DOTHAN Range (Ala)	233(NI)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct. No sto. No flood
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24) lgts.
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valparaiso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct. JP-1. No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	CLOSED
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
Enterprise (Ala)	0.5 N;hwy W	355	23 S6	80 oct, Trees W,SW.
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	37	
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	See Airpark (Pensacola, Fla.) under "New Facilities"-name changed.			
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE	16	45h S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	25	
Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct. P-line W,E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) [Marianna](Fla)	6 NE;hwy E	112	50h L5 S6	80,91 oct. Fld lgts prior req
(P) Middleton (Evergreen,Ala)	6 WSW;hwys .3 E	258	40h L1	
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S6	80 oct. E,S,W blkd.
MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°, 3.2	SBRAZ-DTV	(3);116.1,122.1
(P) Napier (Dothan, Ala)	7.5 NW;RR S	397	45h	
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT NO FACS.
Panama City (Fla)	5 NW;bay W	4	19 S4	80,91 oct.
PENSACOLA Range (Fla)	326(KH)(116.1)	340°, 2.1	SBRAZ-DTV	(4); 116.1,122.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	4 NW;hwy E	90	34 S1	80 oct. Allway fld.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier (Fla)	5.3 SW;RR W	9	26h L S6	91 oct. Flood,obst lgts. (N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct. Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	1.7 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct. No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;hwy SW			ABANDONED.
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W	129	29h	CLOSED
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld INACTIVE (N)
(N) Wolf OLF (Elberta,Ala) (N)	5.8 SE	54	30h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES tower(Ala)	317(118.9)		C	(4);118.9,122.5 prior req.
Flomaton (Ala)	2 NNE;RR 1 E	240	16 L S4	80 oct. P-line W. Strip lgts
Hutchinson's Avia Port	9 5 WNW	10	19 S4	80,91 oct. P-line S (Panama
Sandpiper (Port St Joe,Fla)	1 E	20	20 S6	80 oct City, Fla.)
Headland (Ala)	2 ENE;hwy NW	350	48 S1	80 oct.
Oak (Foley,Ala.)	6 S;riv W	35	20 S6	80 oct. Trees E.
McKee (Jackson,Ala)	1.1 N;hwy E	60	17 S2	80 oct. S blocked.
Robertsdale (Ala)	1.3 E;RR W	142	19 S4	80 oct. P-line E.
Airpark (Pensacola,Fla.)	4.5 WNW;hwy SW	70	20 S1	80 oct.
Edwards (Pensacola, Fla.)	3 W;RR W	70	30 S6	80 oct.
Oak (Foley, Ala.)	6.0 S;riv N.	35	20 S6	80 oct. Trees E.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

BIRMINGHAM 115 | ATLANTA 117

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NEW ORLEANS 129

MCKEE

MIDDLETON

NAS. WHITING (W)
524

MOBILE
248
111.1, 116.1 MC

ATMORE

FLOMATON

BREWTON (NEW)

NAS. WHITING (NO.)
269 KC. 142.74 MC.

CANOE 25

MOLINO 21

CHASTAIN'S

BROOKLEY AAF
281 KC. 126.18 MC.

DAVIS

BATES
317 KC. 118.9 MC

TO REESLER

JACKSON CO

NAAS. BARIN (WEST)

NAAS. BARIN (EAST)

OAK

SUMMERDALE OLF

ROBERTSDALE

OLF NO. 8A

ARPK.

NAAS. SAUFLEY
275 KC. 142.74 MC.

CONZALEZ

MILTON

HOLT

NAAS. ELLYSON

PENSACOLA

LIVE OAK

NAAS. BRONSON

NAS. PENSACOLA – CORRY
341 KC. 142.74 MC.

EDWARDS

NAS. PENSACOLA – CHEVALIER
382 KC. 142.74 MC.
(SEAPLANE) 2870 KC. 142.74 MC.

PENSACOLA
326
116.1 MC.

LUVERNE

TO MAXWELL

MAXWELL AAF
362

NEW ORLEANS

ATLANTA
JACKSONVILLE

ANDALUSIA

ENTERPRISE

OZARK AAF

DOTHAN
233
116.1 MC.

HEADLAND

NAPIER

DOTHAN

GENEVA

ALA.
FLA.

CRESTVIEW
350
116.1 MC

CRESTVIEW

NAS. WHITING (SO.)

RED 30

DE FUNIAK SPRINGS

EGLIN AAF
209

EGLIN AAF
278 KC. 126.18 MC.

CHIPLEY

MARIANNA

MALONE NO. 2

BASCOM

ELLIS

DONALSONVILLE

REYNOLDSVILLE

ALLIANCE NO. 4

TALLAHASSEE

PANAMA CITY

HUTCHINSON'S

SKYLAND

CITY

TYNDALL AAF
272 KC. 126.18 MC.

TYNDALL AAF
203

SANDPIPER

CARRABELLE

APALACHICOLA AAF

JACKSONVILLE 133

ALA.
GA.

MISS.
ALA.

FLA.
ALA.

GREEN 6

BLUE 3

D.A.

C.A.

OLF'S TO NAAS. BARIN	
+ 10	CANAL
+ 11	MAGNOLIA
+ 12	SILVERHILL
OLF'S TO NAAS. BRONSON	
+ 13	KAISER
+ 14	WOLF
+ 15	FAIRCLOTH
OLF'S TO NAAS. ELLYSON	
+ 16	BAGDAD
+ 17	SPENCER
OLF'S TO NAS. WHITING	
+ 18	HOLLEY
+ 19	SANTA ROSA
+ 20	CHOCTAW

VARIATION: 5°E TO 3°E

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

COMPULSORY REPORTING POINT

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

STATUTE MILES 10 0 10 20 30 40 50

MOBILE 131

JACKSONVILLE

FACILITY	FREQ., IDENT. / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
→ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4);116.1,122.1 (DTV stn lctd at Albany Arpt)
[Albany] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct. Lgts prior req.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma, Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3 S1	80 oct.P-line NW.
Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S1	80 oct.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80, 91 oct.
→ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	CLOSED
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4);116.1,122.1
Brunswick Arpk (Ga)	2.5 NNE;RR W	14	26 S2	80,91 oct Trees NE.
Bunnell (Fla)	3.3 E	34	50h	
→ Camilla (Ga)	1.4 NW			ABANDONED
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville, Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR N	140	22 S6	80 oct.W blkd. Soft.
Commodore Decatur	2 W NW;hwy N	103	40h S1	80 oct. (Bainbridge,Ga.)
Conway Arpk (Starke, Fla.)	1. W;RR E	165	20 S1	80 oct.Obst sur fld.
Cook County (Adel, Ga)	1.3 W;hwy N,S	220	40h S6	80, 91 oct. SW blkd.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct.
CROSS CITY(AAF)Range (Fla.)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4); 116.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L4	CLOSED.
DALE MABRY Tower (Fla)	281 (118,3,126,18)		C	(4); 126,18,118.3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W; RR S	70	53h L5 S6	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	14 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116,1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach](Fla.) →	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
→ Faceville (Ga)	3.5 S			ABANDONED.
(P) Fernandina (Fla)	4 S;ocean E	15	52h S6	80 oct.
→ Fitzgerald (Ga)	2 SSW;RR W,E	365	23 S4	80 oct.Trees SSW.
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3	P-line NE,SW,NW
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105.6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105.4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	38h L1 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR S	20	40 S6	80,91 oct.Trees sur fld.
Herlong (Jacksonville, Fla)	10.5 WSW	87	40h S2	80,91,100 oct.on req.
→ Homerville Flight Strip (Ga)	1.7 NW;hwy NE	185	40h	
JACKSONVILLE Range (Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE Tower (Fla)	278 (126,18,118.5)		AC (ILS)	(4);122.5,126.18,118.5
(P) [Jacksonville#1](Fla.) →	6.3 N;RR W	52	71h L6 S6	80,91 oct. Hangar W.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126,18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3 S1	80 oct.Poles W.
Jesup (Ga)	2.3 NE;RR E	100	26	50'trees ends all strips
(P) Kay Larkin (Palatka, Fla)	3 NW;RR S	56	50h L5 S1	80,91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	CLOSED
Lake City (Fla)	3.7 ESE;RR S	201	60h S2	80 oct.
Lake Jackson (Tallahassee, Fla)	9 NNW;riv NW	250	26 S4	80 oct. Obst sur fld.
(A) Lake Park #2 (GA)(A)	1 SSW;hwy N	220	48	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE; riv N	22	51h	
→ Live Oak (Fla)	1 W;RR W			ABANDONED
→ MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	16	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	CLOSED
(A) Montbrook AAF (Williston, Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;RR,hwy W.	287	40h	CLOSED.
→ Nashville (Ga)	1.3 ENE;RR S	236	31 S4	80 oct.NE,SW blkd.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
→ Perry (Fla)	3.2 S;RR E	45	50h S4	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE,WSW blkd.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	48h	CLOSED. (A)
→ St. Augustine (Fla)	4 NNW;hwy W	10	42h S6	80, 91 oct.
St. Marys (Ga)	1.7 NNW;riv S	24	50h	Cattle on fld.
ST. SIMONS ISLAND NAS Tower → (Ga)				DECOMMISSIONED
(N) St.Simons Island NAS (Ga)(N)	See Malcolm-McKinnon under "New Facilities" -name changed.			
Sky Haven(Albany,Ga)	1.5 SSW;hwy E	200	26 S4	80 oct P-line WNW.
Sawyer (Palatka, Fla)	2.6 SW;riv 2 S	60	25 S4	80 oct.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	225	60 S6	Pwrline E.
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	47 S6	80, 91 oct.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	CLOSED
TALLAHASSEE Rng(Dale Mabry)	335 (T)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct.No flood lgts.
Tennile (Fla.)	2.2 SSW;rd E	35	20	Trees SW
Terrell Co. (Dawson,Ga.)	2.5 SE;hwy N	353	26	S blkd.INACTIVE
(A) Thomasville AAF (Ga) (A)	8.5 ENE;hwy S	264	50h	CLOSED.
Thomasville com. (Ga)	1 SW;RR N	250	42 S2	80 oct, P-lines NW
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S6	80,91 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80,91 oct. Lgts prior req
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities" - name changed.			
(A) Turner (Albany, Ga) (A)	4 ENE;riv N	215	76h	TMP INACT.NO FACS.
Vada (Ga)	1.5 WNW;hwy E	140	40h	CLOSED.
→ [Valdosta] (Ga)	3.7 S;RR W	226	56h L5 S1	80 oct. Lgts prior req.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	18 S6	80 oct.No sto.P-line E.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs., Compass Locators in kcs)*

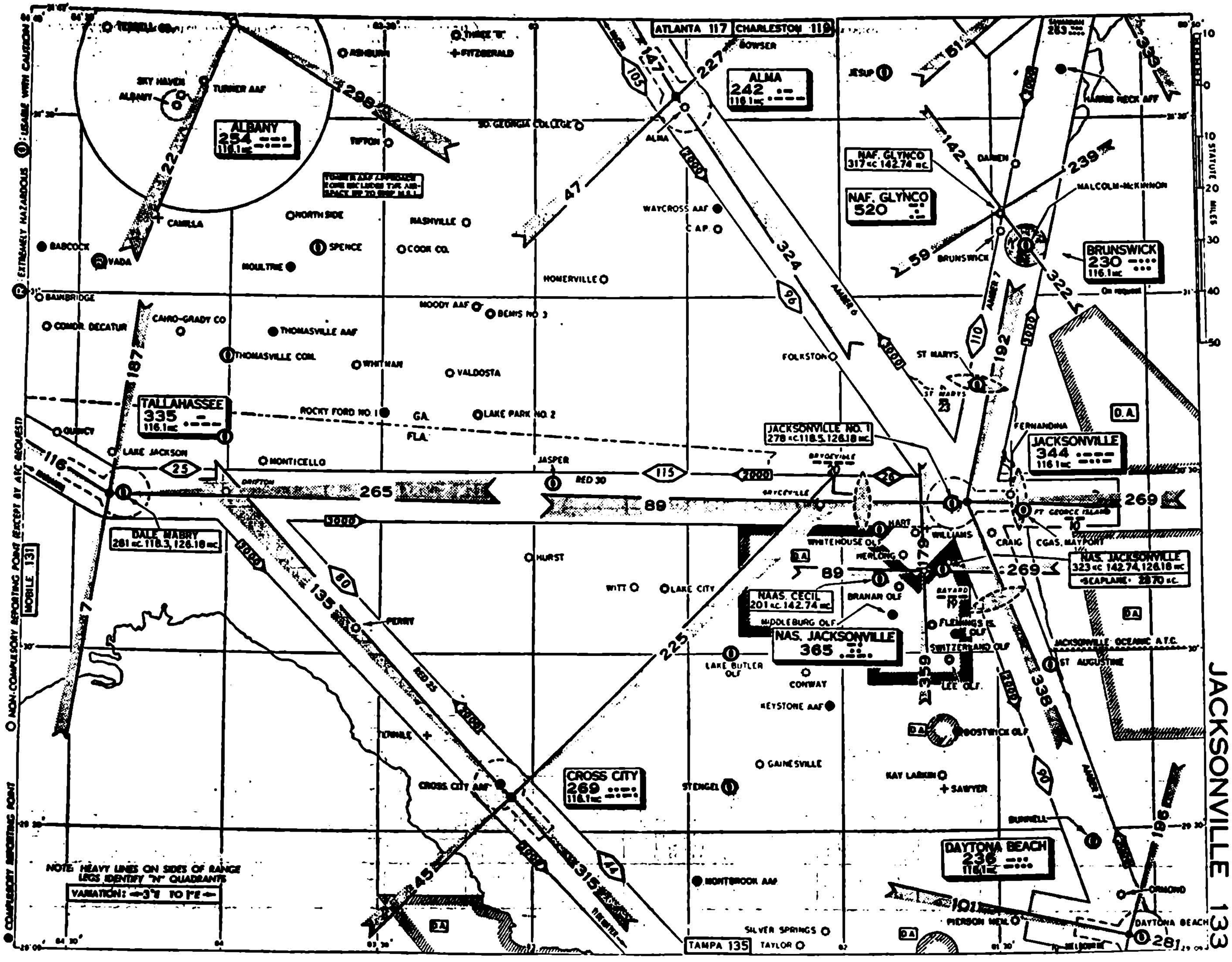
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE	110.3	335	44°	IM-	MM- ·—·—(0.66)	OM- ——(4.60)
					MMK-209 ——·——	OMK-251 ——·——
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW, W. Rough
Camilla (Ga)	1.4 NW;hwy S	180	21 S1	80 oct.P-line SW,trees NE.
Whitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	19 S1	80 oct.
[Gainesville Mun] (Fla)	4.5 NE;RR W	155	50h L5 S4	80,91 oct.Lgts prior req.
Silver Spgs Aero Lodge(Fla)	0.3 W;RR 1 WSW	75	26 S1	80oct P-lines SE,S Lgt planes
Hurst(Live Oak,Fla)	2.5 SW;rd NW	105	26 S6	80 oct P-line N,NW only
→ [Malcolm-McKinnon] (Brunswick,Ga)	6 E	19	41h L5 S6	80,91 oct. Lgts on req.
→ Ormond (Fla.)	3.5 WNW;RR N	29	40h S4	80 oct. Ctn,stock on fld.
→ Camilla (Ga.)	2.2 WSW;hwy N	180	39 S4	80,91 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
→ New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ATLANTA 117
CHARLESTON 118
ALBANY
254
116.1mc
ALMA
242
116.1mc
NAF. GLYNCO
317 cc 142.74 mc
NAF. GLYNCO
520
BRUNSWICK
230
116.1mc
TALLAHASSEE
335
116.1mc
JACKSONVILLE NO. 1
278 cc 118.5 126.18 mc
JACKSONVILLE
344
116.1mc
DALE MABRY
281 cc 118.3 126.18 mc
NAS. JACKSONVILLE
323 cc 142.74 126.18 mc
NAAS. CECIL
201 cc 142.74 mc
NAS. JACKSONVILLE
365
CROSS CITY
269
116.1mc
DAYTONA BEACH
236
116.1mc
TAMPA 135
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°W TO 1°E
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
MOBILE 131
JACKSONVILLE 133

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E;bay E	6	33h L3 S6	80,91 oct. Coast Gd Stn adj Poles SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld
Avon Park (Fla)	1.5 W;RR E	156	40h S4	80,91 oct. P-line S;trees sur fld.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
BANANA RIVER Navy Range (Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower (Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct No bcn Lgts on req
→ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
Bartow (Fla)	5.5 NE;RR NW	124	50h S4	80,91 oct
Bradenton (Fla)	0.5 S;RR E	20	24 S6	80 oct. Obst sur fld.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.5 E;lk SW	34	50h	
Cannon Mills (Orlando, Fla)	3.8 E;arpt W	105	41 L S6	80 oct. Flood,obst lgts on req.
→ Carlstrom (Arcadia, Fla)	7 SSE;hwy N			ABANDONED Obst sur fld.
Cedar Keys (Fla)	1 W;bay S	6	25h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80,91 oct. Trees W,NE,SW,
→ Cocoa (Fla)	1 NW;RR E	20	2[illegible] L1 S1	80 oct Obst sur fld. NW
Conners (Okeechobee, Fla)	2.5 NW;RR S	34	50h S1	80 oct.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach],(Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct
Deland (Fla)	2.5 NNE;hwy N	80	60h L5 S1	80,91 oct.Trees NE.
→ Dorr (Arcadia, Fla)	11.5 E;hwy N			ABANDONED
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126 18,118 5,122 5 No bndry lgts.
(P) [Drew] (Tampa, Fla)	5 W;bay SW	26	70h L5 S6	80,91,100 oct Rdo rec rqrd
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	24 S6	80,91 oct. P-line NE.
(P) Fette Aircraft Service (Fla)	See Venice Mun (Fla.) under "New Facilities"-name changed.			
Fort Pierce, com. (Fla)	3.3 SSE;RR E	19	25 L3 S6	80 oct. P-line W N,W,NW blkd.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NW	81	23 S2	80 oct Obst sur fld.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,	135	40h S6	80, 91 oct
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W
Haines City (Fla)	1 NW ⟷	175	20 L1	
(P) Hendricks (Sebring, Fla)	See Sebring Air Terminal under "New Facilities"- name changed.			
Hidden Acres (Clarcona, Fla)	1.5 WNW;lake W	93	27 S5	80 oct E blkd.
(A) Hillsborough AAF (Tampa, Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;hwy E	90	20 S4	80 oct.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80,91 oct.No bndry,flood.
Lakeland AAF (Fla)	See Drane under "New Facilities"- name changed.			
[Lakeland Mun. #1] (Fla)	2.8 N;lake E	159	35h L5 S6	80,91 oct Ctc lgts on prior req till 2400
Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed			
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126 18. ◆-00.20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1 No sto
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116 1, 122 1 SW.
→ Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct. Lgts on req.Trees
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
ORLANDO Range (Fla)	206(OR)(vhf)	220°,3.4	BMRLZ-DTV	(3); 116 1, 122 1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118 7,122 5,126 18
(A) [Orlando AAB] (Arpt)(Fla)	2.5 E;lake S	115	55h L5 S6	80,91 oct;100 oct mil acft.
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa, Fla)	3.7 S;bay S,E,W	8	40h L5 S6	80,91 oct.Obst sur fld.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Penellas Co. International] (St. Ptersburg, Fla.)	9.5 N;bay E	12	50h L5 S6	80,91,100 oct.
→ Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;bay W			ABANDONED
→ Plant City (Fla)	3 E;hwy N			ABANDONED
(P) Punta Gorda (Fla)	5 ESE;hwy SW	25	50h	
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian, Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;hwy E	104	75 S4	80 oct. Obst sur fld.
→ Sanford (Fla)	2.5 SE;hwy N	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Lgts on req.
Sarasota, com. (Fla)	2.5 E;RR N,E	25	35 S6	80 oct. Obst sur fld.
Sebring (Fla)	4 SW;lake NE	200	20 L S6	80,91 oct.Lgts prior req.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80,91 oct. P-line SW.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto.Trees S
Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct. No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa (Titusville)	6 S;RR E	35	50h L5 S6	80 oct. Lgts prior req. (Fla)
→ * Titusville Int,20,MM-AG (Fla)	1.3 NW;RR E			ABANDONED.
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities"- name changed.			
(N) Valkaria OLF (Melbourne, Fla) (N)	8 SSE;RR E	26	40h	
Venice Aux (Fla.)	0.5 SE;hwy W	20	36 S4	80 oct. Trees ENE,SE.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4);116.1,122.1
[Vero Beach] (Fla)	1 NW;RR E	24	75h L1 S1	91 oct,Airlines only exc in emerg
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W	35	36	Cattle on fld Bldg W
(P) Witham (Stuart, Fla)	1.5 SE;RR SW			ABANDONED
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h L5 S6	80 oct.No bndry lgts.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

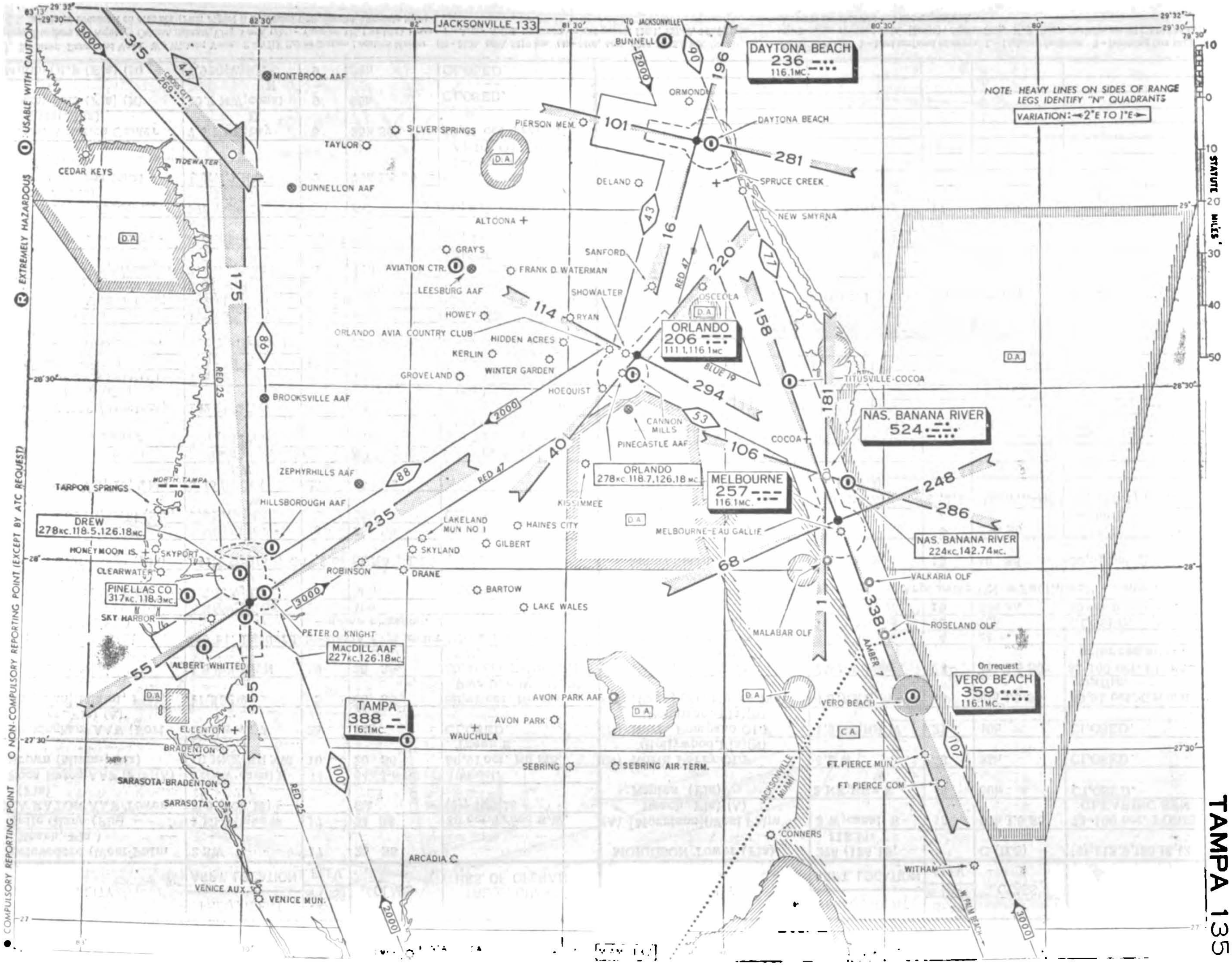
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- ..... (1.09)	OM- — (5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

→ Ormond (Fla)	3.5 WNW;RR N	29	40h S4	80 oct.Ctn,stock on fld.
Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	8	28 S6	80 oct
Groveland (Fla)	1.8 SSE;lk NE	100	20 S3	80 oct
Winter Garden (Fla)	1.5 NW;lk NW	75	25 S2	80 oct
Tarpon Springs (Fla)	2 W;Gulf of Mex. W	12	19 S1	80 oct Trees N,E,S
→ Spruce Creek (Samsula, Fla)	3.5 N	25	40h	
Howey (Howey in the Hills, Fla)	0.5 S	75	20	
Aviation Ctr (Leesburg, Fla)	1.5 N;lk E	80	15h S6	80 oct
(P) Sebring Air Terminal (Fla)	6.5 ESE;RR 2 SW	62	52h L5 S6	80,91 oct.Lgts prior req.
Drane (Lakeland, Fla)	5.5 SW;hwy 3 N	135	50h	
(P) Venice Mun (Fla.)	1.9 SSE	19	50h S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 21117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4795 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 133
TO JACKSONVILLE
DAYTONA BEACH 236 116.1MC.
ORLANDO 206 111.1,116.1MC.
MELBOURNE 257 116.1MC.
NAS. BANANA RIVER 524
NAS. BANANA RIVER 224KC.142.74MC.
DREW 278KC.118.5,126.18MC.
PINELLAS CO 317KC.118.3MC.
MACDILL AAF 227KC.126.18MC.
TAMPA 388 116.1MC.
ORLANDO 278KC 118.7,126.18 MC
VERO BEACH 359 116.1MC.
On request
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
O USABLE WITH CAUTION
R EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT O NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
BUNNELL
ORMOND
DAYTONA BEACH
PIERSON MEM.
SILVER SPRINGS
TAYLOR
CEDAR KEYS
TIDEWATER
DUNNELLON AAF
DELAND
SPRUCE CREEK
NEW SMYRNA
ALTOONA
GRAYS
AVIATION CTR.
FRANK D. WATERMAN
LEESBURG AAF
SANFORD
SHOWALTER
OSCEOLA
HOWEY
RYAN
ORLANDO AVIA. COUNTRY CLUB
HIDDEN ACRES
KERLIN
GROVELAND
WINTER GARDEN
HOEQUIST
TITUSVILLE-COCOA
BROOKSVILLE AAF
CANNON MILLS
PINECASTLE AAF
COCOA
TARPON SPRINGS
NORTH TAMPA
ZEPHYRHILLS AAF
HILLSBOROUGH AAF
KISSIMMEE
LAKELAND MUN NO 1
HAINES CITY
GILBERT
SKYLAND
MELBOURNE-EAU GALLIE
HONEYMOON IS.
SKYPORT
CLEARWATER
ROBINSON
DRANE
BARTOW
LAKE WALES
SKY HARBOR
PETER O KNIGHT
ALBERT WHITTED
VALKARIA OLF
MALABAR OLF
ROSELAND OLF
AMBER 7
AVON PARK AAF
AVON PARK
WAUCHULA
VERO BEACH
ELLENTON
BRADENTON
SEBRING
SEBRING AIR TERM.
FT. PIERCE MUN
FT. PIERCE COM
SARASOTA-BRADENTON
SARASOTA COM
JACKSONVILLE MIAMI
CONNERS
ARCADIA
WITHAM
W PALM BEACH
VENICE AUX.
VENICE MUN.
RED 25
RED 47
BLUE 19
175
315
196
281
101
114
294
235
355
100
107
338
248
286
106
68
55
40
16
158
220
181
77
53
43
88
86
44
90
3000
2000

TAMPA 135

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belevedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	24 S6	80 oct. Trees S,W.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	14	64h L5 S6	100 oct.
Brown (Miami, Fla)	10 NNE;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct. P-line N,NE, SW.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
Ft. Lauderdale (Fla)	6 NNW;RR SE	14	40h	
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4);116.1,122.1
(P) Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct. No sto.
Lake Worth (Fla)	2 W;RR E	12	26 S6	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities" - name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	CLOSED.
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami, Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West, Fla)	2.3 E;ocean S	4	41h L5 S1	80,91 oct. ARPT ENTRY Lgts prior req. No bcn
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5 NW;RR W	9	74h L5 S6	80,91,100 oct. FEE. 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct Trees N,S.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) [Morrison](West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct. FOREIGN CLEARING STN.
Naples (Fla)	2 NE;RRs E, W	8	50h	CLOSED.
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR E,hwy W	18	50h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	CLOSED. (N)
(P) Riddle (Clewiston,Fla)	7.6 W;hwy N	19	25h S6	80 oct. Heavy acft use ctn.
(P) South Dade County (Homestead, Fla)	See Homestead Arpt under "New Facilities" - name changed.			
Sunny South (Miami,Fla)	6 N;hwy E	12	40 S6	80,91 oct. E blocked.
Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct. No sto P-line N,W
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

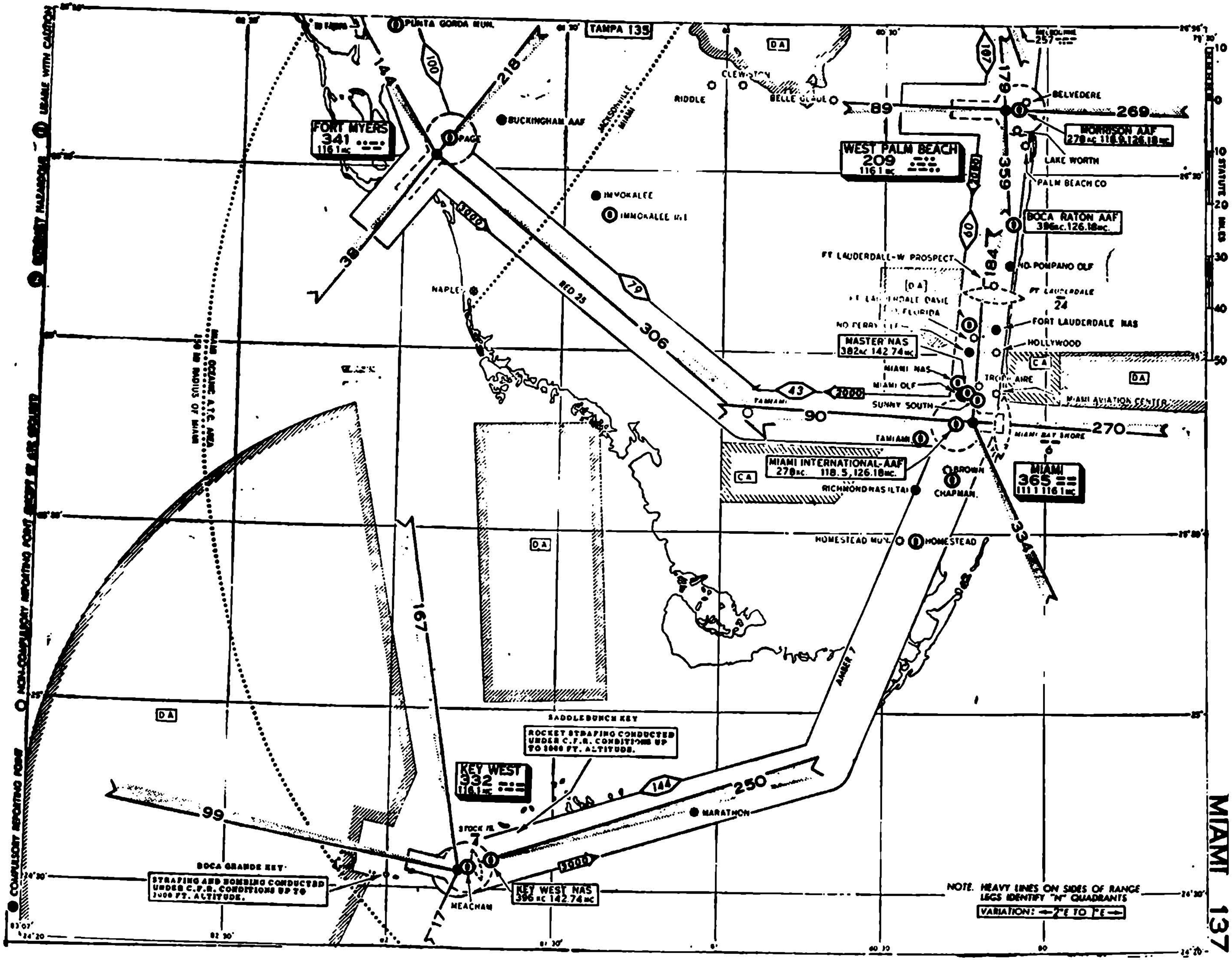
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM-	MM- ·-·-· (0.61)	OM- — — (4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ft. Lauderdale-Davie (Fla.)	6.5 WSW;hwy N	7	30h S4	80,91 oct.
West Prospect (Ft. Lauderdale,Fla.)	See Ft. Lauderdale above - name changed.			
Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc. (Fla.)	1 SW;RR W	12	28 S6	80,91 oct. Trees SE,NW
South Fla. (Ft. Lauderdale)	7.5 SW;hwy E	10	45 S6	80,91 oct. P-line E. (Fla)
Tropicaire (Miami, Fla)	9 N	10	22 S6	80,91 oct. P-line N,E,S;N,
Belvedere Co. Club (W. Palm Beach, Fla)	2 WSW;Army fld S	17	25 S6	80 oct. Trees SE, E blkd. NW. Lgt acft only.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.85, 140.55 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


TAMPA 135
PUNTA GORDA MUNI
FORT MYERS
341
116.1
BUCKINGHAM AAF
PAGE
IMMOKALEE
IMMOKALEE MUNI
NAPLES
RED 25
JACKSONVILLE
MIAMI
RIDDLE
CLEWISTON
BELLE GLADE
WEST PALM BEACH
209
116.1
BELVEDERE
269
MORRISON AAF
279
LAKE WORTH
PALM BEACH CO
BOCA RATON AAF
386
126.1
FT LAUDERDALE-W PROSPECT
NO POMPANO OLF
FT LAUDERDALE
FORT LAUDERDALE NAS
HOLLYWOOD
MASTER NAS
382
142.74
MIAMI NAS
MIAMI OLF
SUNNY SOUTH
TAMIAMI
MIAMI AVIATION CENTER
MIAMI BAY SHORE
MIAMI INTERNATIONAL-AAF
270
118.5
126.1
RICHMOND NAS (LTA)
BROWN
CHAPMAN
MIAMI
365
111.1
116.1
HOMESTEAD MUNI
HOMESTEAD
SADDLEBUNCH KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
KEY WEST
332
116.1
STOCK IS
MARATHON
BOCA GRANDE KEY
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 3000 FT. ALTITUDE.
KEY WEST NAS
396
142.74
MEACHAM
MIAMI OCEANIC A.T.C. AREA
150 NM RADIUS OF MIAMI
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
USABLE WITH CAUTION
AMBER 1
NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←2°E TO 1°E→
STATUTE MILES
MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°,7.3	(Cont.) Burbank
→ GRAND CENTRAL (Glendale)	201(118.7)	CI	(4);118.7,122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126,18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126,18,118.5)	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
→ LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.9	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(vhf)	SBMRL-DTV;317°,0.1	(4);116.1 122.1
ONTARIO AIRPORT	219(126,18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly,hrs.& req
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
→ TERMINAL ISLAND NAS (San Pedro)	398 (142.74)		DECOMMISSIONED
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530,except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES, →	109.9	333.8	247°	IM-	MM- · — · (0.64)	OM- — — (6.04)	(NG)
					MMK-	OMK-	

S-Simul Range and Voice; W-Without Voice, Z VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

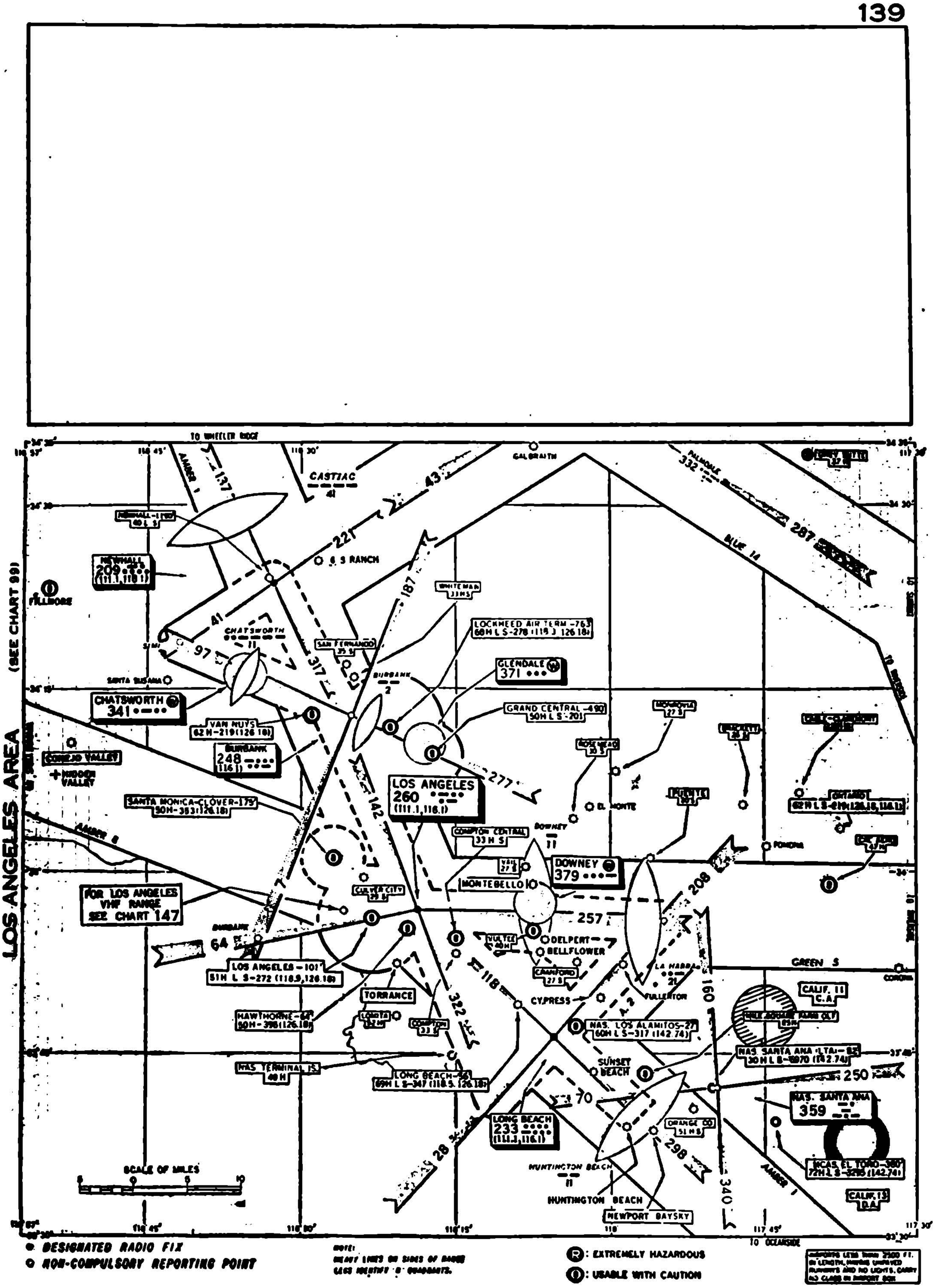
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys N,E	1010	25 S6	80 oct. Hill W
Cable-Claremont	1.8 ENE;RR E	1400	22h S6	80,91 oct. Brush NNE.
Cal Aero (Chino)	4.5 SE	625	47h L	Restricted to W.A.A. Bndry lgts prior
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N. req.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE. unver.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	20 S6	73,80,91 oct. Trees SW. Bldgs NE,
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR N	95	18 L1 S6	80 oct. Port rnwy lgts.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,80,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Bur- (N) bank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E;hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) [Los Angeles] (N) →	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct. Rdo rqrd. Rnwy data unver.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	26 S6	80,91 oct. Tree N,S.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5 N;RR S	590	14 S1	80 oct.
(P) Ontario	2.5 E;bet RRs	952	62h R1 L5 S4	80,91,100 oct.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	48h L5 S6	80,91 oct. Fldlgts on req.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;rd W	775	20 S6	80 oct. Trees E, hill W.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. Poles NE, house SW.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	18 S1	80 oct. Hills ENE, P-lines WSW.
Sky Ranch (Puente)	See Puente Sky Ranch under "New Airports" -name changed.			
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h	INACTIVE
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(NG) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW, NE, SW.
NEW AIRPORTS				
Sunset Beach (Calif)	2.6 E;ocean SW	25	19 S4	80 oct. Fence ENE.
6 S Ranch Arpk (Solemint, Calif)	1 WNW;hwy N	1350	26 S6	80,91 oct. P-line E,W
→ Fillmore (Calif)	1 S;riv N	435	16	Tree W.
→ Cypress (Westminster, Calif)	4.6 NNW;RR SW	60	22 S1	80 oct. Pwr line NE.
Puente Sky Ranch (Calif)	1.3 E;RR S	402	30 S4	80 oct. Trees E, p-line W
Hidden Valley (Camarillo, Calif)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver.


LOS ANGELES AREA
(SEE CHART 99)
TO WHEELER RIDGE
GALBRAITH
CASTIAC
41
AMBER 1
137
43
221
PALMDALE
332
287
BLUE 14
S. S RANCH
WHITEMAN
33 H S
FILLMORE
NEWHALL
209
(111.1, 116.1)
CHATSWORTH
11
41
97
317
187
SAN FERNANDO
20 S
BURBANK
2
LOCKHEED AIR TERM -763
60H L S-278 (119.1 126.18)
GLENDALE
371
SANTA SUSANA
CHATSWORTH
341
VAN NUYS
62 H-219(126.18)
GRAND CENTRAL -490
50H L S-201
SONOJO VALLEY
HIDDEN VALLEY
BURBANK
248
(116.1)
LOS ANGELES
260
(111.1, 116.1)
277
142
SANTA MONICA-CLOVER-179
50H-353(126.18)
NORTHROP
27 S
NORTH ISLAND
20 S
EL MONTE
PUENTE
28 S
ONTARIO
62 H L S-419(126.8, 116.1)
COMPTON CENTRAL
33 H S
DOWNEY
11
DOWNEY
379
FOR LOS ANGELES
VHF RANGE
SEE CHART 147
CULVER CITY
29 S
MONTEBELLO
208
257
64
LOS ANGELES - 101
51H L S-272 (118.9, 126.18)
VULTEE
40H
DELPERT
BELLFLOWER
CRANFORD
27 S
LA HABRA
21
GREEN S
CORONA
TORRANCE
322
118
CYPRESS
VULLERTON
160
CALIF. 11
C.A
HAWTHORNE - 69
50H - 398(126.18)
LOMITA
23 H
COMPTON
23 S
NAS. LOS ALAMITOS-27
60H L S-317 (142.74)
NAS. SANTA ANA (LTA) - 82
30 H L S-1970 (142.74)
NAS TERMINAL IS.
40 H
LONG BEACH-46
69H L S-347 (118.9, 126.18)
SUNSET
BEACH
250
NAS. SANTA ANA
359
70
LONG BEACH
233
(111.1, 116.1)
ORANGE CO
51 H S
298
28
HUNTINGTON BEACH
11
HUNTINGTON BEACH
NEWPORT BAYSKY
NCAS, EL TORO-380
72H L S-3295 (142.74)
CALIF. 73
D.A
340
AMBER 1
SCALE OF MILES
0
5
10
118 45'
118 30'
118 15'
118
117 45'
117 30'
33 20'
TO OCEANSIDE
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF BASE
LEGS INDICATE '8' BOUNDARIES.
R: EXTREMELY HAZARDOUS
U: USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ann Arbor (Mich)	4 S	835	32 L3 S6	80 oct. Lgts prior req.
Bedford (Ohio)	2 NE;hwy W	1060	17 S2	80 oct, P-line N,SE.
Bern (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver (Mich)	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
Brooklyn (Cleveland,Ohio	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct.SW blkd.P-line N
Chagrin Falls (Ohio)	3 E;hwy SW	1220	23 S4	80 oct.P-line N.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW	620	22 S6	80 oct.P-line W.
Chardon (Ohio)	2.8 S	1230	22 S4	80 oct.P-lines sur fld.
CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV (4);116.1	Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278(126.18,118.3)		AC (ILS-W)	(4);118.3,126.18,122.5
(A) [Cleveland] (Ohio)	8.5 SW;riv W	789	60h L6 S6	73,80,91,100 oct.JP-1. FEE.ARPT OF ENTRY
Cumberland(Portsmouth)	8 S	15	28 S4	80 oct.(Va)
DETROIT H Fac. (Mich)	201 (D)	329°,2.2	MHW	(Cont.) Detroit
DETROIT CITY Tower [Detroit City] (Mich)	278 (118.5)		C	(4); 122.5
	5.5 NE;RR S	625	53h L4 S6	80,91 oct.Fee Rdo rec rqrd.ARPT OF ENTRY P-line N. Tank W
DETROIT NAS Tower(Mich)	See Grosse Ile under "New Facilities" - name changed.			
(N) Detroit NAS (Mich)(N)	See Grosse Ile under "New Facilities" - name changed.			
ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	(Cont.) Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct.Poles SSE,S.
Euclid Ave.(Willoughby Ohio)	1.5 WSW;RR N	640	26 S6	80,91 oct.P-line S,hi-line N.
(N) Fentress NAAS (Va)(N)	2.5 ESE;hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
(P) Franklin (Va)	3 NE;RR S	38	41h L5 S6	80,91 oct.Trees sur fld.
Garner s (Windsor,Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk,Va)	4.5 E;hwy W	18	24 S6	80,91 oct,Trees SW,
Gridley (Ypsilanti,Mich)	4.4 WSW;hwy E	840	24 S5	80 oct.Pole E;woods N
Hance (Wyandotte,Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct.P-line E;trees ENE,W,WSW,WNW
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct.Obsts sur fld
LANGLEY Army Range (Va)	221(DLY)	102°,3.8	SBMRAPZ-DT	(3)
LANGLEY Tower (Va)	278(126.18)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
Lorain City (Lorain,Ohio)	2.8 W;RR N	610	31 S4	80 oct.P-line NE,SE.
Lorain Skyport (Lorain, Ohio)	2.5 W;lk N	610	29 S4	80,91 oct.P-line S,SE. SW corner unusable.
Lost Nation (Willoughby, Ohio)	3 N;lk NW	626	40 S6	80,91 Rnwy data unv. oct.Obsts sur fld Rnwy data unver.
NEW FACILITIES				
(N)Grosse Ile NAS (Detroit, [Mich)(N)]	17 SSW	594	47h L5 S6	91,100 oct.P-line E.
GROSSE ILE NAS Tower (Detroit, Mich)	269(142.74)		CN	(3);142.74 (8-17)
McEnnan (Ypsilanti,Mich)	2.7 SSW;riv NE	738	23 S4	80 oct. P-line E,Trees NW.
McKinley (Fraser,Mich)	1.3 NW;RR E	620	27	P-line E, NE
Mettetal (Plymouth,Mich)	1.5 SSE;RR E	700	25 S6	80 oct.P-line N,NE,SW,W.
Mid City (Hudson,Ohio)	2 S;RR S	1080	31 S4	80 oct. Poles W,NW
Milan (Mich)	3.8 SW;RR SE	705	23 S2	80 oct: P-line N.
Monogram	2.8 W;riv W	21	45	CLOSED(Drivers,Va)
Nan-Bar (Flat Rock,Mich)	1 ENE;RR N	590	26 S4	80 oct.P-line NE,E.
Nat'l Fly.Svc.(Detroit,Mich)	11.5 WSW;RR N	635	29 S4	80 oct.Poles NE,NW.
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4): 122.5,126.18, 118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N;rd N	13	26h	CLSD.Use E.Fld.(N)
NORFOLK NAS Tower (East)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105,4495;142.74 (745-1830)
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct.No bcn.
Ortner (Wakeman,Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver
Peninsula (Hampton,Va)	2 WSW;RR N	12	26 S4	80 oct.
Pungo (Va)	0.8 NE	15	25h	
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct.SE,SW blkd.
Sky Haven (Northfld,Ohio)	2.5 SSE;RR NE	1040	25 S4	73,80 oct.Pwr line W,S
Solon (Ohio)	1.1 SSE;RR NE	1034	24 S6	73,80 oct.P-line W,SE
South Norfolk (Norfolk,Va)	3.7 S;hwy NW	20	25 S2	80 oct.P-line W.
Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct.P-lines S.W blkd
Triangle (Plymouth,Mich)	1.5 ESE lk N,	700	26 S4	80 oct. P-line N,E,S. W blkd.
Vermilion Int,28,CG-LG	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.(Ohio)
Virginia Beach (Va)	6 W;RR N	15	43 S2	80.91 oct.P-line N. Hwy N
Ward (Bedford, Ohio)	1.5 S;RR E	980	20 S6	80 oct.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush
Warren (Mich)	1.6 WNW;RR E	625	23 S6	73,80 oct. sur fld
Washtenaw (Dexter, Mich)	3 SSE;hwy S	867	26 S4	80 oct. P-lines,trees all approaches
(NG) Wayne Co(Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech.maint. NG.ARPT OF ENTRY
Willoughby (Ohio)	1.2 E;RR NW	700	25 S6	80,91 oct. P-line W,S
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P)[Willow Run] (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N.(Mich) FEE
WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC	LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9			54°	MM-	OM- — — (4.75)
					MMK-	OMK-
WILLOW RUN				50°	MM-	OM-
					MMK- 323 — (0,65)	OMK- 359 • — • (5,80)

NEW FACILITIES				
(P) Suffolk(Va.)	3.8 SSW;RR E	66	50h	
Richmond (Gregory, Mich)	1.7 SE; lk E	920	23 S2	80 oct. Trees N,ESE.
Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct.N blkd.
Irish Hills(Springville,Mich)	3 N;lk S	990	20 S1	80 oct.Trees NE,SE.
Waterloo(Mich)	2.4 ESE;lk W	1040	23 S1	80 oct.Trees SE.Hills SW,W.
Flat Rock(South Rockwood,	2.8 W;hwy W	600	24 S4	80 oct. P-line NW.(Mich)

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) →← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

DETROIT AREA

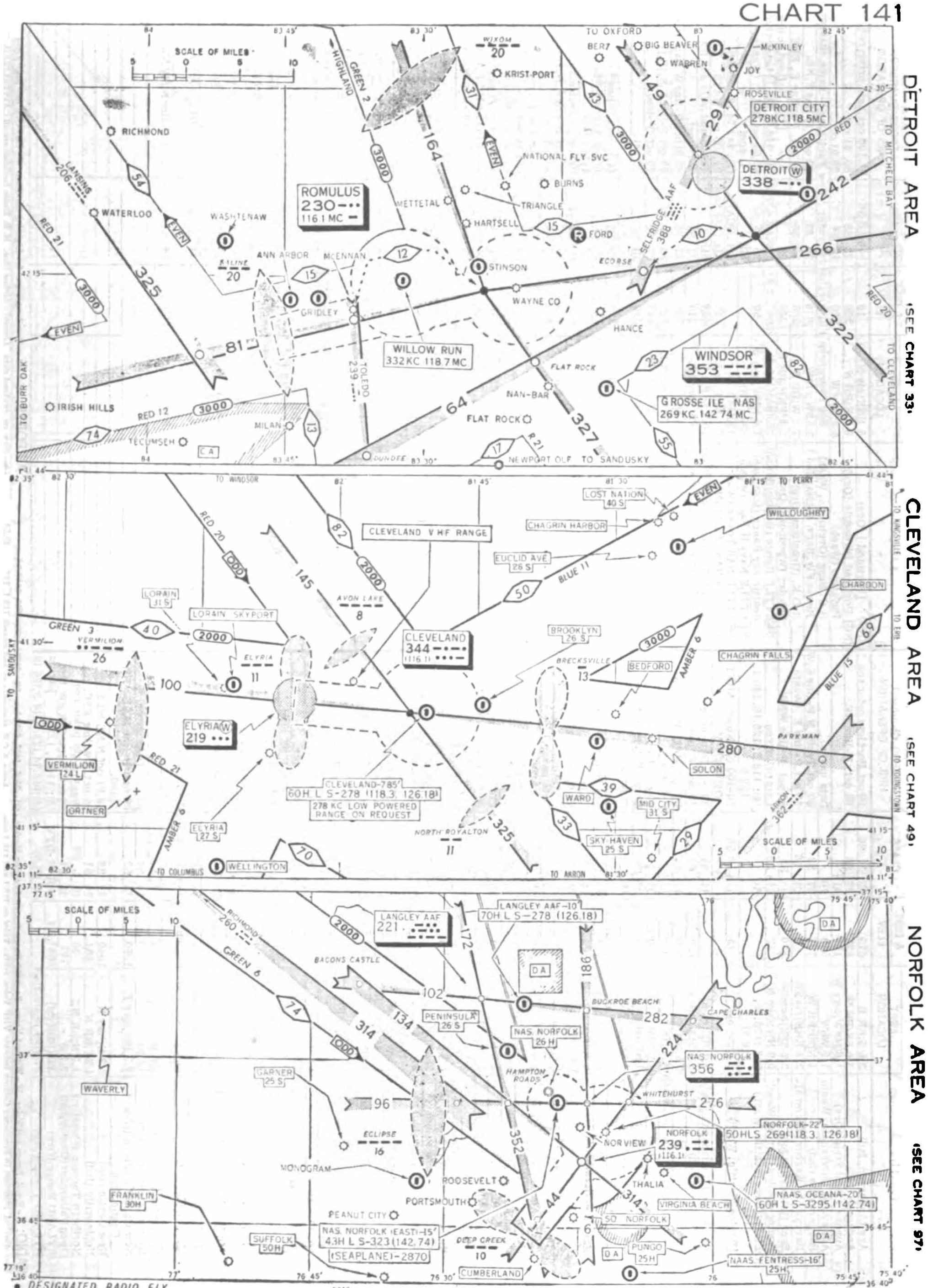
(SEE CHART 33)

CLEVELAND AREA

(SEE CHART 49)

NORFOLK AREA

(SEE CHART 97)



SEATTLE - PORTLAND - INDIANAPOLIS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct. Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct. Trees N. P-line E,W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S6	80 oct. P-line E (Wash)
→ Beck (Jolietville, Ind)	2.2 SSE;hwy 2W	830	18 S3	80 oct. P-line WNW.
Boeing-Renton (Renton, Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4): 118.3, 126.18, 140.1.. 122.5
(P) [Boeing] (Seattle, Wash)	6 S;riv SW	15	75h L5 S6	80-100 oct. No sto ARPT OF ENTRY.
Brightwood (Indianapolis, Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
City View Arpk (Tacoma, Wash)	4.5 NE	380	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Yorktown, Ind)	1 NE;RR S	950	27 S4	80 oct. P-line N,W. Use strips.
Dwyer Landing Fld. (Portland, Ore)	7 SE;RR NW	200	16	Poles SW.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway, Wash)	1.8 E;RR E	340	28 S6	80 oct. P-line S. Ctn.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18	SE blkd.
Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct. P-line SE,S. Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Himes (Whitesville, Ind)	0.8 E;RR SW	870	17 S1	80 oct. P-line NNE,NW
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct. P-line NE.
Howell Brothers (Rushville, Ind)	2 SE;hwy SW	985	13 S4	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
→ INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°, 3.3	SBRAZ-DTV	(3); 116.1, 122.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton, Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct. Lgts on req. No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct. Trees ENE,WSW.
Lapel (Ind)	1 NE	865	26 S4	80 oct. Obst sur fld.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E,SE blkd.
→ Martinsville (Ind)	See Elliott-Martinsville under "New Facilities" - name changed.			
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ➡ :45,05	(3); 116.1, 126.18
(A) McChord (Tacoma, Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct. IP-1. FOREIGN CLEARING STN.
Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct. P-line E,SSE,NNW
Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" - name changed			
Milroy Int,S,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct. N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,S	20	19 L S6	(Wash) Lgts prior req.
Owen Pathfinder (Camby, Ind)	2.3 S	792	32 S1	80 oct. P-line SSE,SW. Use strips
→ PORTLAND Range (Ore)	332(PD)(vhf)	168°, 3.1	SBRAZ-DTV	(3); 116.1, 122.1
PORTLAND Tower (Ore)	278(126.18, 118.3)+		AC (ILS)	(4); 142.74, 122.5, 118.3, 126.18

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(NG) [Portland] (Ore)	5 NNE;riv N	19	55h L6 S6	91,100 oct. Lgts prior req.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	42 S6	80,91 oct.
R.C. Sugg (Orchards, Wash)	See Evergreen Fld (Orchards) under "New Facilities" - name changed.			
Reese Fly. Serv. (Selma, Ind.)	3.5 SW;riv W	975	20 S2	80 oct. P-line E,NE.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	req. No flood, no bcn,
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1 Lgts prior,
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 L5 S6	80,91 oct. Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle, Wash)	10.5 S; RR E	405	61h	Trees and hills sur fld.
Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct. P-line W. Data unver.
(P) Sky Harbor (Indianapolis, Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct. P-line E,S,SE.
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co. (Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct. P-line S. (Wash).
Sportsman Arpk (Newberg, Ore)	1 E;riv SW;hwy W	173	23 S4	80 oct. Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis, Ind)(A)	5.5 WSW	714	45h L5 S4	100 oct, 2nd ech maint only
Suco Arpk (Shelbyville, Ind)	0.7 SE;RR NE	800	23 S2	80 oct. P-line E. Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma, Wash)	2.9 WSW;RR E	250	20 S4	80 oct. Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. Use strips only
White Cloud (Greenwood, Ind)	1.8 SW;hwy E	800	24 S6	80 oct. P-line N,NE,E,SE,NW
Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct. P-line N,E,W.

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9 ·-··	333.8	44°	IM-	MM- ·-·-(0.89)	OM- ——(4.3)
				MMK-201 —··		OMK-219 ··
McCHORD (A)	109.9	333.8	337°	IM- (0.24)	MM- ····· (0.85)	OM- ——(4.44)
				MMK-		OMK
PORTLAND	109.9 ·—·· ——··	333.8	113°	IM-	MM- ·-·-(0.52)	OM- ——(4.81)
					MMK-	OMK-219 ····
SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- ·-·-(0.65)	OM- ——(4.6)
					MMK-371 ·— ··	OMK-359 ···

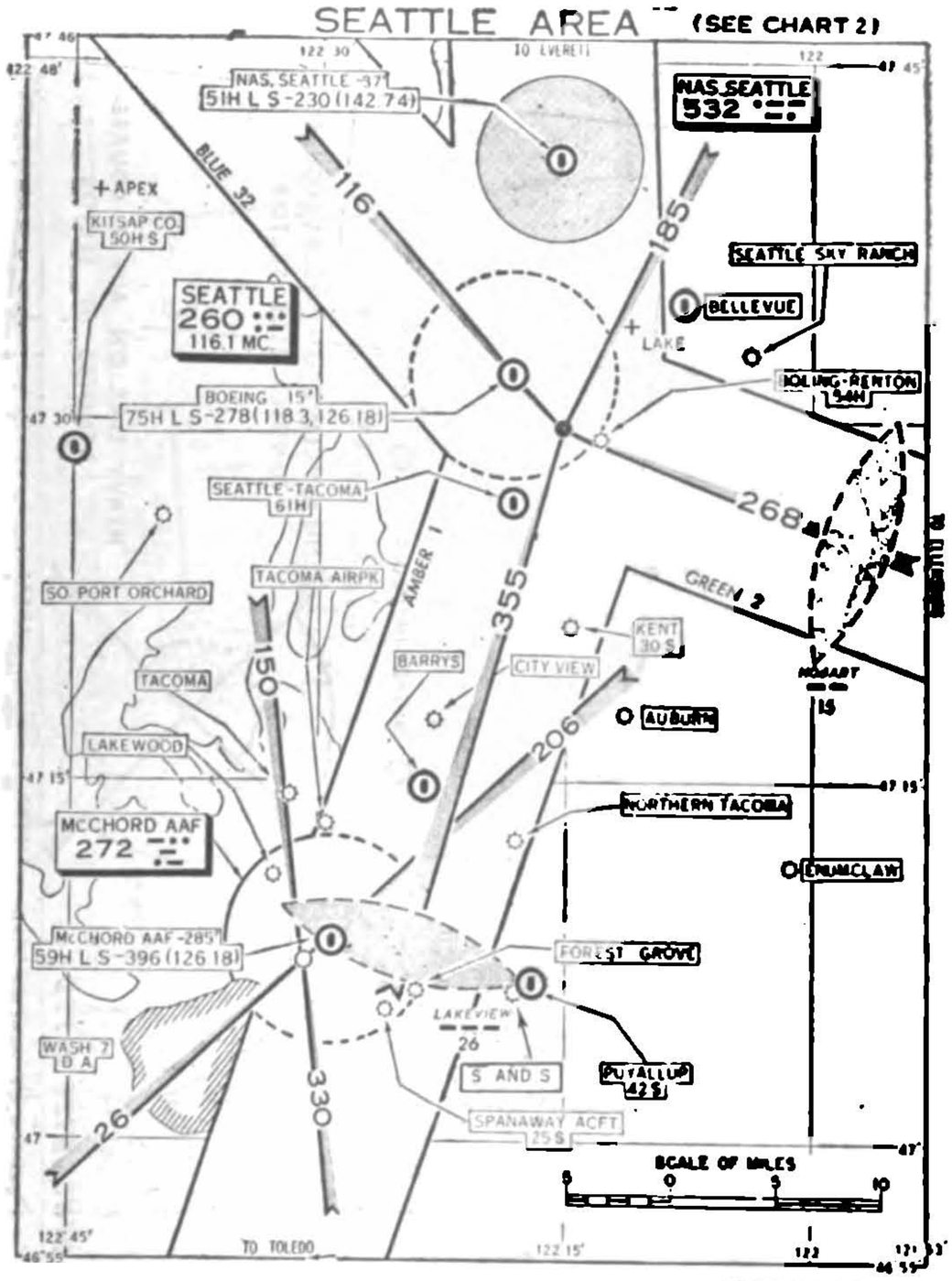
NEW FACILITIES

Bernard (Beaverton, Ore)	1.4 NNW;RR S	208	19 S6	80, 91 oct.
Columbia Co. (Scappoose, Ore)	1.2 NE;RR W	55	40h L S6	80,91 oct. Port rnwy lgts, P.
Hillsboro (Ore)	2.4 ENE;RR E	200	41h L5 S6	80,91 oct. line NNW.
Bellevue (Seattle, Wash)	9.5 E	345	22h S6	80,91 oct. Rdo prs. Rnwy data unver.
Stewart (Danville, Ind.)	2 E;hwy N	750	25 S2	80 oct. Wires N,S. Use strips.
Skylife (Fairview, Ore.)	4 W;RR N	243	28 S1	80 oct. Pwrline ESE.
Division Street (Ore.)	2.4 WNW;RR E	250	28 S6	80,91 oct. S bldk. Trees N.
Auburn (Wash.)	1.8 ESE;lk NE	276	24 S6	80,91 oct.
Evergreen Fld (Orchards, Wash.)	3.6 SSE·hwy S	310	24 L S6	80 oct. Port lgts prior req.
→ Elliott-Martinsville (Martinsville, Ind)	2.8 WSW;RR N	600	26 S2	80 oct. P-line N,SW,NW.

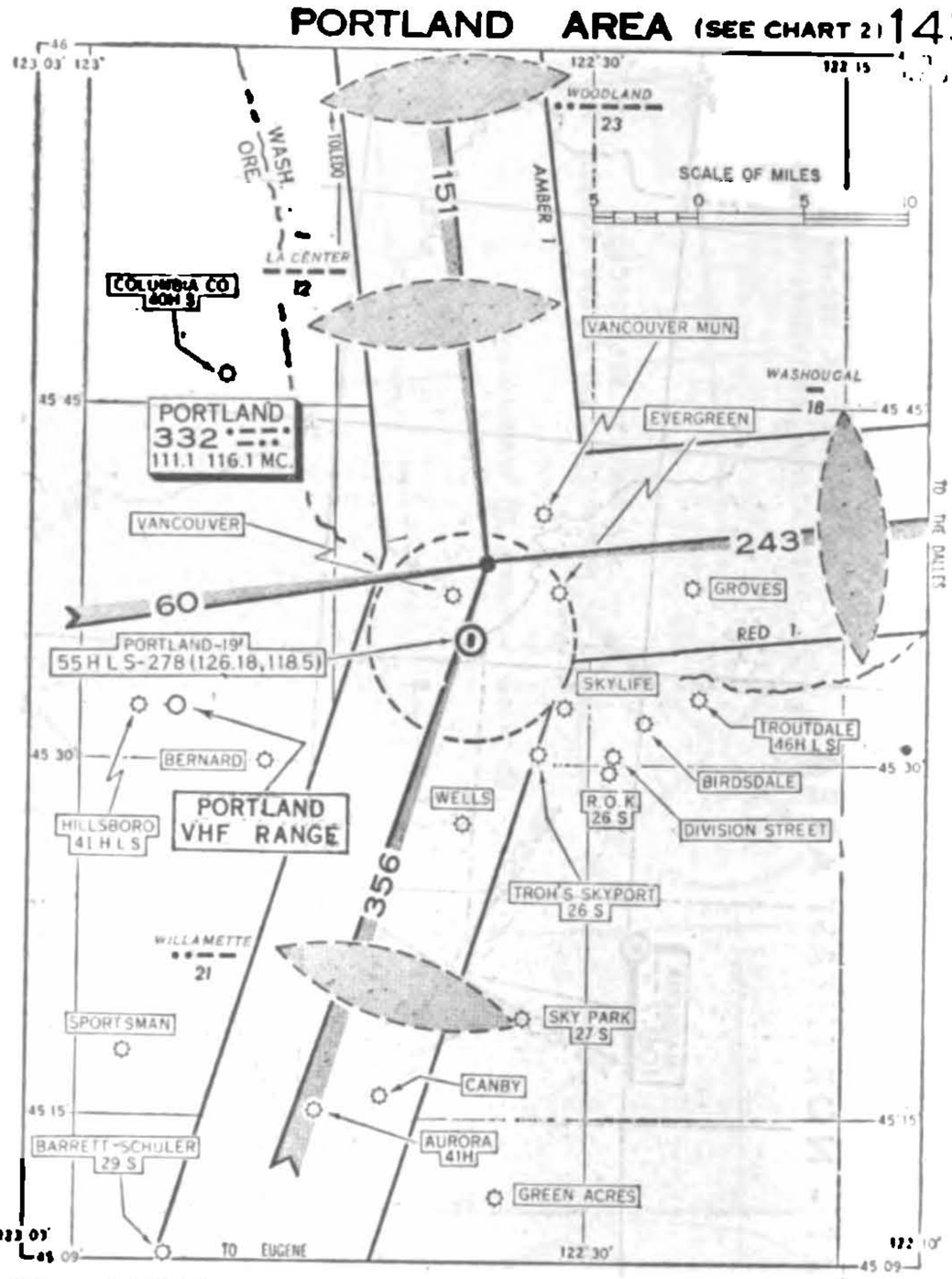
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

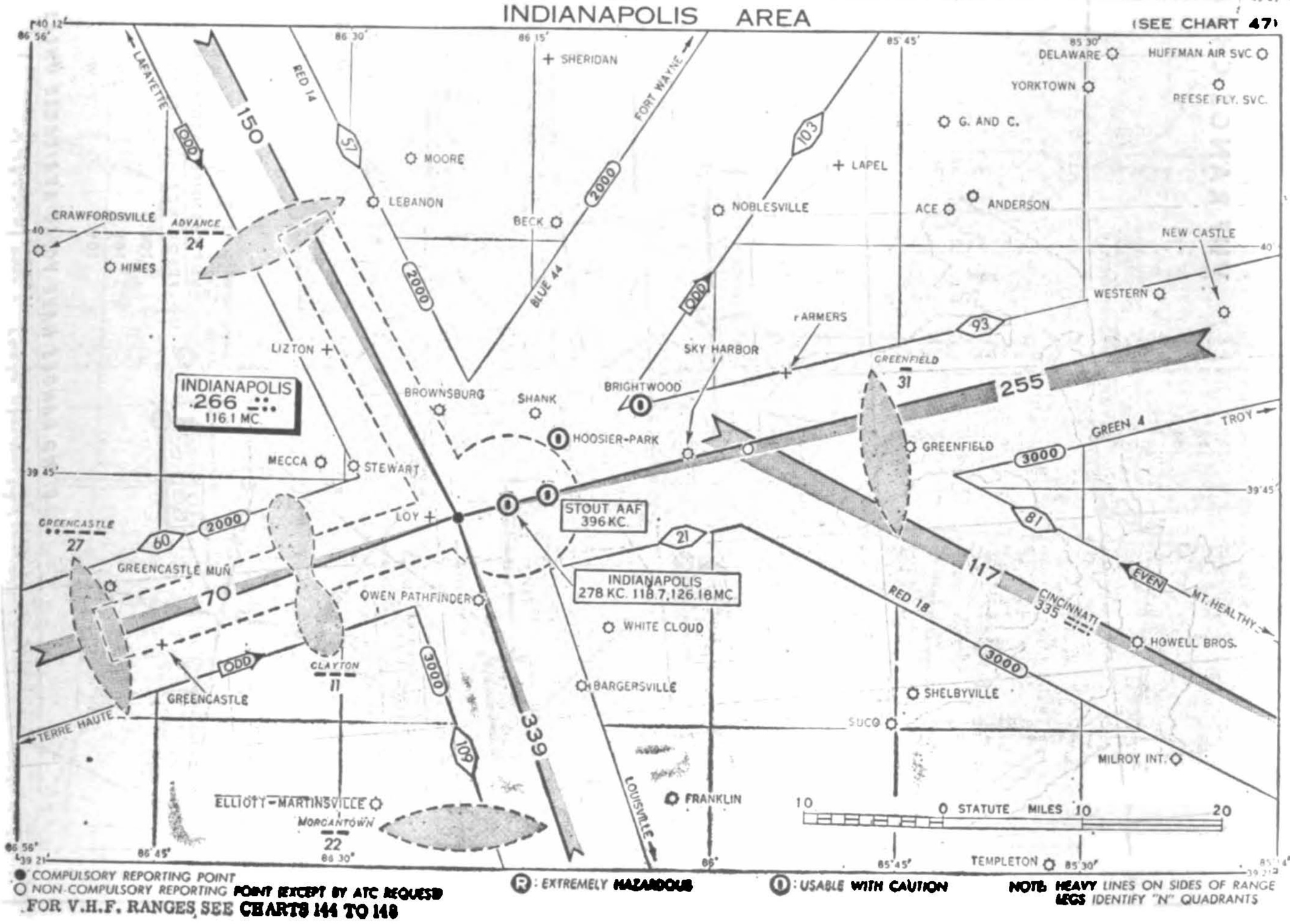
SEATTLE AREA (SEE CHART 21)



PORTLAND AREA (SEE CHART 21)



INDIANAPOLIS AREA (SEE CHART 47)



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT EXCEPT BY ATC REQUEST

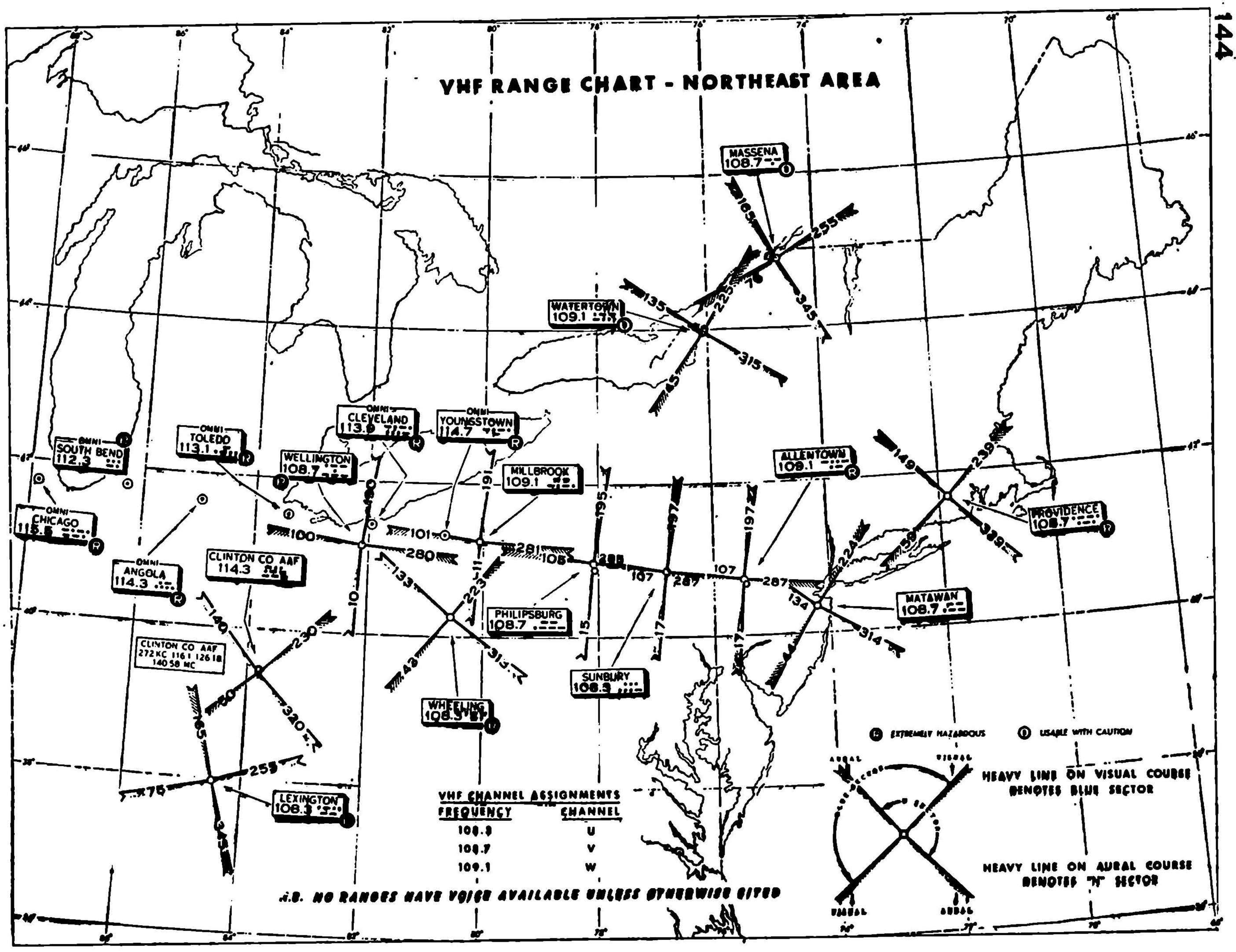
R : EXTREMELY HAZARDOUS

D : USABLE WITH CAUTION

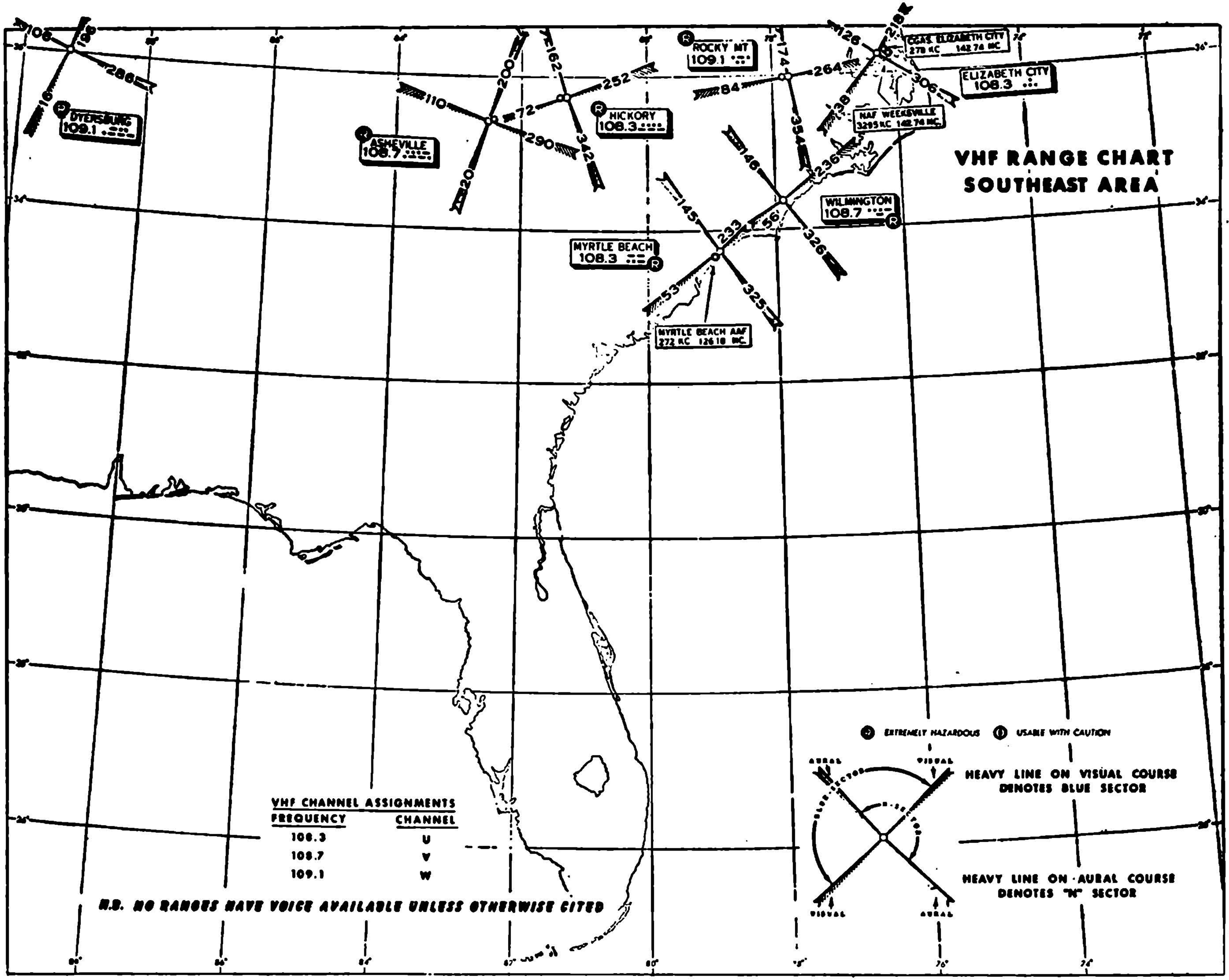
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FOR V.H.F. RANGES, SEE CHARTS 144 TO 148

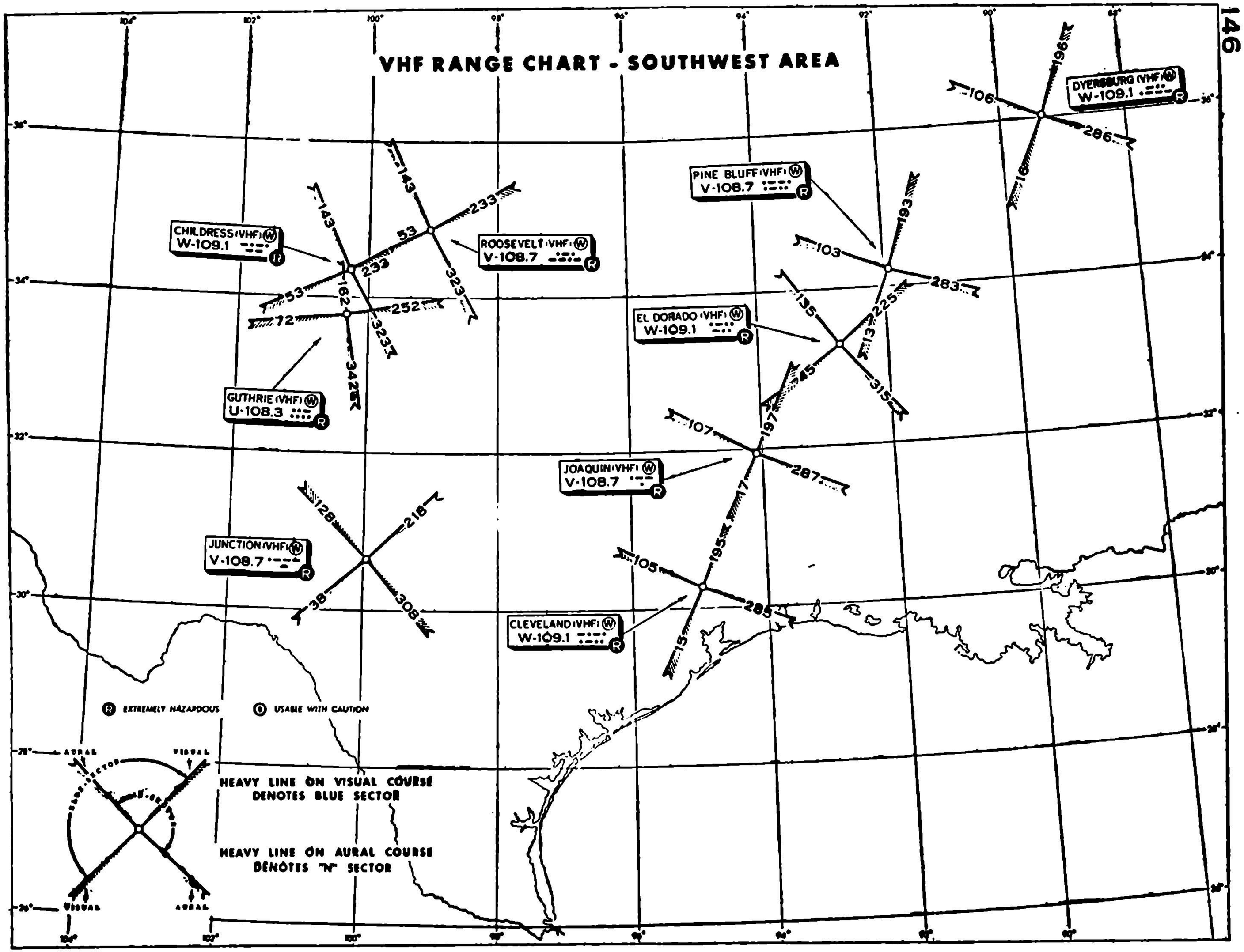
VHF RANGE CHART - NORTHEAST AREA



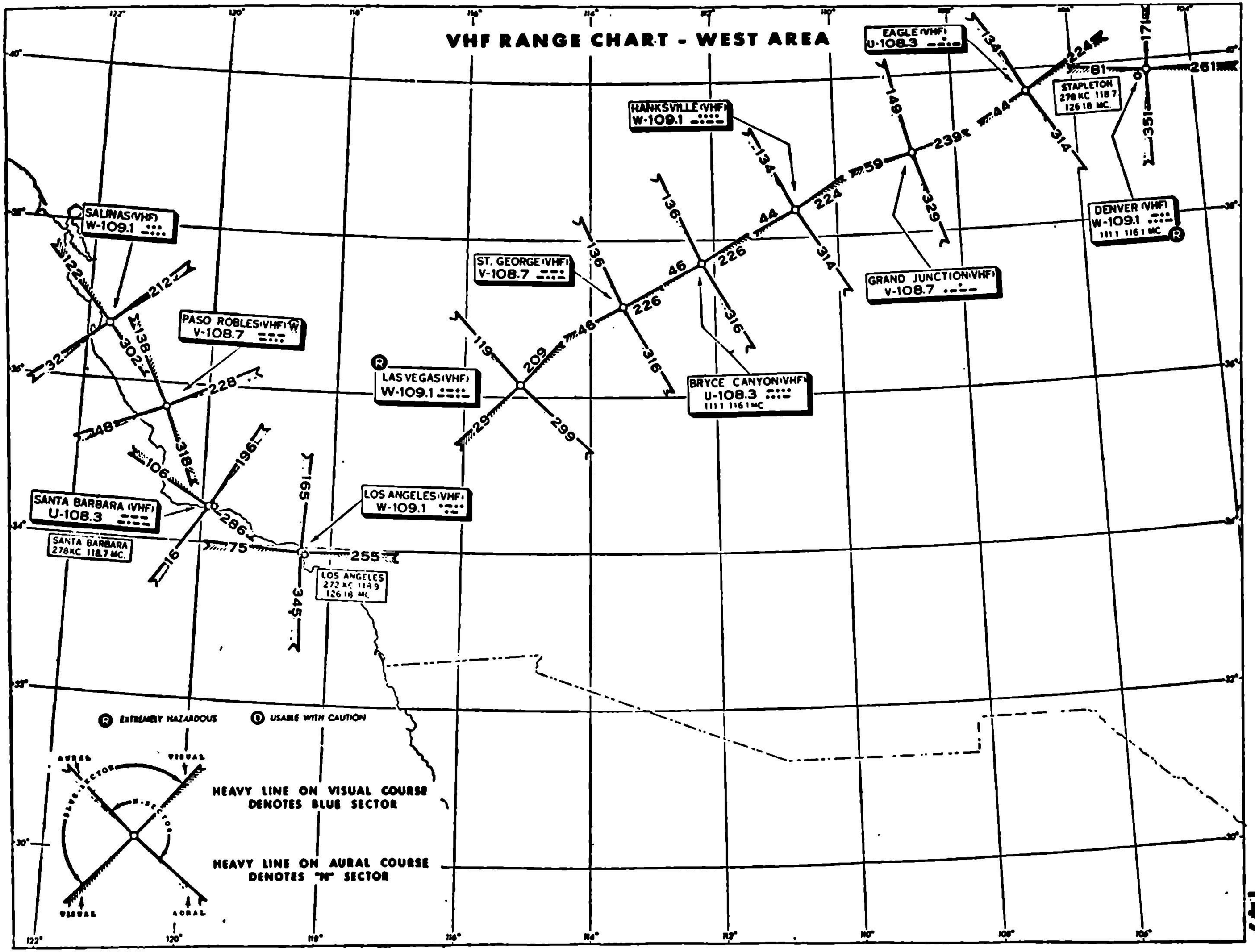
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED


VHF RANGE CHART
SOUTHEAST AREA
DYERSBURG 109.1
ASHEVILLE 108.7
HICKORY 108.3
ROCKY MT 109.1
EGAS ELIZABETH CITY
279 KC 142.74 MC
ELIZABETH CITY 108.3
NAF WEEKSVILLE
329.5 KC 142.74 MC
WILMINGTON 108.7
MYRTLE BEACH 108.3
MYRTLE BEACH AAF
272 KC 126.18 MC
VHF CHANNEL ASSIGNMENTS
FREQUENCY CHANNEL
108.3 U
108.7 V
109.1 W
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
AURAL
VISUAL
BLUE SECTOR
"N" SECTOR
HEAVY LINE ON VISUAL COURSE
DENOTES BLUE SECTOR
HEAVY LINE ON AURAL COURSE
DENOTES "N" SECTOR

VHF RANGE CHART - SOUTHWEST AREA



VHF RANGE CHART - WEST AREA



VHF RANGE CHART - NORTHWEST AREA

OMNI PORTLAND 117.9 R

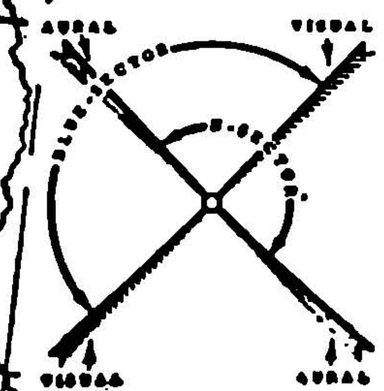
OMNI GREAT FALLS 115.1 R

OMNI DILLON 112.9 R

OMNI EUGENE 112.9 R

OMNI POCATELLO 114.9 R

R EXTREMELY HAZARDOUS O USABLE WITH CAUTION



HEAVY LINE ON VISUAL COURSE DENOTES BLUE SECTOR

HEAVY LINE ON AURAL COURSE DENOTES "N" SECTOR

N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED

AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - MONTREAL	195
ALBANY - NEW YORK	146
ALBUQUERQUE - AMARILLO	278
ALBUQUERQUE - DENVER	408
ALBUQUERQUE - WINSLOW	234
AMARILLO - OKLAHOMA CITY	232
AMARILLO - WICHITA	300
ATLANTA - MOBILE	299
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BILLINGS - HELENA	195
BIRMINGHAM - ATLANTA	141
BIRMINGHAM - MEMPHIS	268
BISMARCK - BILLINGS	384
BOSTON - BANGOR	210
BOSTON - BUFFALO	403
BOSTON - BURLINGTON	192
BOSTON - MONTREAL	265
BOSTON - PORTLAND	95
BROWNSVILLE - SAN ANTONIO	273
BUFFALO - CHICAGO	506
BUFFALO - DETROIT	249
CHARLESTON - CINCINNATI	152
CHARLESTON - RICHMOND	362
CHARLESTON - ST. LOUIS	475
CHARLESTON - WASHINGTON	461
CHICAGO - CINCINNATI	279
CHICAGO - DES MOINES	318
CHICAGO - MINNEAPOLIS	370
CHICAGO - ST. LOUIS	257
CLEVELAND - CHICAGO	320
CLEVELAND - DETROIT	107
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
DENVER - SALT LAKE	469
DENVER - SHERIDAN	400
DES MOINES - DENVER	604
DETROIT - CHICAGO	257
EL PASO - ALBUQUERQUE	251
EL PASO - PHOENIX	383
EL PASO - SAN DIEGO	666
FARGO - BISMARCK	187
FORT WORTH - EL PASO	535
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	310
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	299
GREENSBORO - ATLANTA	307
HELENA - SPOKANE	269
HOUSTON - ALICE	222
HOUSTON - CORPUS CHRISTI	184
HOUSTON - DALLAS	267
HOUSTON - FORT WORTH	274
HOUSTON - SAN ANTONIO	238
INDIANAPOLIS - ST. LOUIS	222
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
JACKSONVILLE - NEW ORLEANS	529
KANSAS CITY - CHICAGO	413
KANSAS CITY - DENVER	568
KANSAS CITY - HURON	416
KANSAS CITY - MINNEAPOLIS	471
KANSAS CITY - ST. LOUIS	205
KEY WEST - MIAMI	157
KNOXVILLE - NASHVILLE	154
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SALT LAKE	647
LOS ANGELES - SAN FRANCISCO	362
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MEMPHIS - ST. LOUIS	261
MEMPHIS - TULSA	362
MIAMI - JACKSONVILLE	334
MIAMI - TAMPA	222
MINNEAPOLIS - FARGO	228
NASHVILLE - MEMPHIS	205
NEW ORLEANS - HOUSTON	313
NEW YORK - BUFFALO	291
NEW YORK - BOSTON	193
NEW YORK - CLEVELAND	433
NEW YORK - PITTSBURGH	335
NEW YORK - ROCHESTER	277
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	228
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHILADELPHIA - PITTSBURGH	258
PHOENIX - LOS ANGELES	369
PITTSBURGH - CLEVELAND	124
PITTSBURGH - INDIANAPOLIS	353
PITTSBURGH - NEW YORK	361
PORTLAND - BANGOR	115
PORTLAND - PENDLETON	185
PORTLAND - THE DALLES	73
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ROANOKE - KNOXVILLE	244
SACRAMENTO - SAN FRANCISCO	76
ST. LOUIS - CHICAGO	257
ST. LOUIS - KANSAS CITY	205
ST. LOUIS - MEMPHIS	261
SALT LAKE - BUTTE	379
SALT LAKE - GREAT FALLS	488
SALT LAKE - SACRAMENTO	549
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN ANTONIO - DALLAS	251
SAN ANTONIO - FORT WORTH	258
SAN DIEGO - LOS ANGELES	106
SAN FRANCISCO - PORTLAND	574
SAN FRANCISCO - SALT LAKE	625
SAN FRANCISCO - SEATTLE	705
SEATTLE - SPOKANE	245
SHERIDAN - GREAT FALLS	307
SPOKANE - PENDLETON	161
SPOKANE - SEATTLE	245
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
TULSA - ALBUQUERQUE	629
WASHINGTON - CHARLESTON	267
WASHINGTON - GREENSBORO	271
WASHINGTON - NEW YORK	226
WASHINGTON - PITTSBURGH	190
WASHINGTON - ROANOKE	196
WICHITA - KANSAS CITY	176
WINSLOW - LOS ANGELES	502

N.B. The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the indificual Guide Charts.

It is hoped that the mileages tabulated above facilitate flight planning because the addition of small sector mileages is no longer necessary.

NOTICES TO AIRMEN
SPECIAL NOTICES

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/gnd communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25,D.C. for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

CIVIL DATA: The Airman's Guide covers primarily two broad fields of civil airport information, namely so-called permanent data changes and temporary hazardous conditions. Permanent airport data refer to new airports or changes in field layout, servicing, lighting, or permanent obstructions of existing airports. Temporary hazardous conditions refer to conditions that make such airports temporarily unusable or usable only with caution. Such hazardous conditions could be, for example, a field closed because of floods, spring thaws, or construction; or merely a burned-out obstruction light or a runway partially unusable because of construction. Obviously, temporary hazardous conditions should be reported to the aeronautical public at once. The necessity for reporting additional aids or minor changes in existing aids, however, isn't nearly as cogent In other words, a temporarily closed airport is ordinarily of much more importance from a safety angle than is a new airport, and the aeronautical public should be told about it as expeditiously as possible.

Notamizing of advice covering a field unusable because of flood, or snow, a runway closed because of construction, or the erection of a pole-line in an approach, doesn't necessitate an engineering background on the part of the reporter. Too, safety frequently necessitates the notamizing of such advice before an official check can be made On the other hand, advice covering permanent airport data changes, such as a new airport, or a lengthened landing strip, or an additional hangar, obviously doesn't require the same expeditious transmission to the aeronautical public, and the data may be checked from an engineering standpoint and for standardization before being publicized.

SUMMATION: (a) Since the aeronautical public should be immediately advised of hazardous conditions, reporters should utilize the CAA Airways Communications Stations The item to be reported, therefore, should either be telephoned or mailed to the nearest communications station for dissemination as a notam and for further transmission to the publishers of the Airman's Guide.

(b) Permanent airport data changes (as differentiated from temporary hazardous conditions) should be reported to the appropriate CAA District Airport Engineer for coordination before they are included in the Airman's Guide.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 85-2: The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, NG, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation"

2. "OFFICIAL BUSINESS" within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the puspose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

3. POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS"

(b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS.". Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23. or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA - Morrison Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. ALASKA - McChord Field, Wash., Great Falls AAF, Mont. BERMUDA - Mitchel Field, N.Y., Morrison Field, Fla.,

Washington National Airport, D.C., or Westover Field, Mass., CANADA - Great Falls AAF, Mont., McChord Field, Wash., Washington National Airport, D.C., Selfridge Field, Mich., or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif., Kelly Field, Tex., or Morrison Field, Florida. CARIBBEAN - Morrison Field, Fla., or Kelly Field, Tex. ENGLAND, GREENLAND, ICELAND, NOVA SCOTIA, NEWFOUNDLAND, AND NORTH IRELAND - Washington National Airport, D.C., or Westover Field, Mass. (Note: Selfridge Field also will clear for Nova Scotia and Newfoundland). HAWAII - Fairfield Suisun AAF, Calif.

PILOT PROCEDURES WITH FLIGHT SERVICE USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases: No change. References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases: AAF aircraft departing from a non-AAF base will file a complete flight plan with, and when necessary, secure approval from, the nearest Flight Service center prior to take-off, or as outlined in AAF Regulation 60-22. Communications with a Flight Service center may be established by direct telephone or by a radio call to the nearest AAF base or AACS airways radio station. After contacting the Flight Service center, and obtaining flight plan approval when necessary, pilots contemplating flight under IFR will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA communications facilities are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute: AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACS airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change of route, altitude, point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must furnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA Airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service. One position report each 30 minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories. (7) Voice Calls: AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) RON Messages: At bases not connected with Flight Service centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service center at the time the arrival report is filed. (9) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An index of AACS airways stations within the U. S., together with a listing of the assigned frequencies, may be found on pages 100 & 101 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	118.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	* AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	127.86 mcs.	AACS AIRWAYS (PLAN 62)	* Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

* Available for service indicated on a secondary basis.

(10) It will be some time before all AAF aircraft are equipped for operation on AACS airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS airways frequencies will contact airways station whenever possible rather than AAF control towers. (11) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4671
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit; Chicago; St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691, 88604 Osborn 88693
Ft. Worth; San Antonio; part of El Paso	Ft. Worth Flight Service Center** Fort Worth, Tex.	Fort Worth 77351
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles; Albuquerque; part of El Paso	March Flight Service Center** Riverside, Calif.	Riverside 7107 Riverside 7106
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls; Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD-20 Tacoma LD-21

**REVISION OF ARMY FLIGHT SERVICE CENTER AREAS: The boundary between the March and Fort Worth Flight Service Areas has been moved. That part of the El Paso CAA area lying E of the following points now falls within the Fort Worth Flight Service Area; that part lying W within the March Flight Service Area: From 25 miles SE of the Clarendon Range, thence SSW to lat. 33°, long. 101°35', thence W to 33°-104°, thence S to 31°-104°, thence W to the U.S.-Mexican Border at 31°-105°36'.

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with AAF Letter 63-9 of April 24, 1947, the following instructions will govern the clearance of AAF aircraft to and from the New York City Area (encompassed by a 25-mile radius from the southern tip of Manhattan).

(A) FLIGHTS INTO THE AREA: AAF aircraft flying into the area may be cleared for any authorized field therein, but will in all cases secure in-flight approval from Flight Service by contacting Mitchel Airways prior to proceeding to the field of destination. AAF Form 23 will indicate a flight plan to the field of destination via Mitchel Fld. Mitchel Airways will secure Flight Service approval of further clearance to other fields in the area under the conditions listed below only. If further clearance is refused, aircraft will land at Mitchel Field or at any other authorized field outside the area.
(1) CFR. When the ceiling is at least 2000' and the visibility is 3 miles or more.
(2) IFR (a) When the visibility is not less than 1 mile and the ceiling is unlimited. (b) When the visibility is not less than 2 miles and the ceiling is not less than 5000'.

(B) FLIGHTS OUT OF THE AREA: AAF aircraft departing from the area from fields other than Mitchel will be cleared subject to the conditions listed above for CFR and IFR clearances.

AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempted from the above restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, NG, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, NG, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequencies
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequencies
1	116.1
2	142.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS AND SEARCH AND RESCUE PROCEDURE: 1. When an aircraft is in distress and the pilot is unable to establish two-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is --, Over." Pilot may follow this emergency transmission with any other information he deems necessary. Although Channel "D" (140.58 mcs) has been designated as the Joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. 2. To request escort by Air Rescue Service rescue plane when two-way communication can be established, aircraft in distress will: (a) Contact Flight Service through nearest AACS airways station. (b) Give position report; if position is not known, request QTF (Fix). (c) Give nature of trouble, also estimated time plane can remain aloft. (d) Follow instructions transmitted by Flight Service. (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. 3. To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station. (b) Give position of crash. (c) Evidence of survivors, type and number of aircraft (if possible). (d) Follow instructions transmitted by Flight Service. (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airports designated by a single (A) in the "Airman's Guide" (Joint use with civil interests), Army servicing is available unless remarks column carries "ARMY TEMP INACT-CIVIL FACS." Notation is given in remarks column to servicing available for military aircraft: for example, "91, 100 oct. Army". This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard Fields (on Form 15). Notation with regard to available facilities will be shown in the remarks column; for example, "91,100 oct. NG". At (P) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

GROUND/AIR EMERGENCY CODE: The attention of all Army base operations personnel and Army pilots is invited to WD pamphlet 11-7, subject "Gnd/Air Emergency Code"

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

OLD PILOT CERTIFICATES MUST BE EXCHANGED: All pilot certificates issued prior to July 1, 1945, expired July 1, 1947. Such certificates may be exchanged for new-type certificates at any time prior to their expiration date.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary

---

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize. (See pages 144, 145, 146 for VHF range coverage).

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 mcs. and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for

transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications station program is not fully effective yet because of non-receipt of the new receivers. CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs. in addition to towers' low frequencies. See individual data pages in the Airman's Guide for inclusion of these frequencies as commissioned.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

✓ NON-COMPULSORY REPORTING POINT: The intersection of the E leg of the Amarillo Radio Range and the NE leg of the Clarendon Radio Range has been designated a non-compulsory reporting point known as "Alan Reed".

CFR FLIGHT PLANS, AND ARRIVAL REPORTS: CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. One hour after E.T.A., if no notice of arrival is received, queries are sent out over C AA communication systems. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. To reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

✓ AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: (a) Correct Milwaukee Sectional Aeronautical Chart, dated Dec. 31, 1946, by showing Muskegon Radio Range transmitting on 263 kcs. instead of 236 kcs.

(b) Correct "TO-08-15-1", dated June 16, 1947, page 106, by showing GCA practices for Mitchel Field as 0900-1130 instead of 0800-1130; page 107, by showing 143.64 mcs under Standard Navy GCA freqs instead of 173.64 mcs.; page 34, by showing weather broadcast at Wendover, Utah, from the radio range only; pages 48 and 49, by showing Tonopah radio range station identification as "RY"; page 110, by showing Special Notice, Standard VHF Crystallimation, AAF Aircraft Receivers, Channel H as 134.10 mcs.; by adding under Pilot Procedures with Flight Service using AAF Military Flight Service Communications System, telephone number for Wright Flight Service Center: Osborn 88604; page 26, by showing Aircraft Fuel class for Lockbourne AAB as A-CG.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and light facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with two-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest of Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons, indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

•• - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

✓ FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 2, No. 1, dated July 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the "Airman's Guide".

UNITED KINGDOM MILITARY AIR BASE USAGE: The following United Kingdom military air bases are available to civil air carriers of only U.S. and United Kingdom and to aircraft which were purchased in either the United States or the United Kingdom and are in ferry status: (a) For regular use: Kindley Field, Bermuda; Beane Field, St. Lucia; Coolidge Field, Antigua; and Atkinson Field, British Guiana; (b) For alternate use: Waller Field, Trinidad; Vernam Field, Jamaica; and Carlsen Field, Trinidad. Even though the above fields are open to civil air carriers and ferry status planes it is mandatory that the operators of such aircraft secure approval for use of these military air bases from Headquarters, AAF, Washington, D.C., prior to the departure of each flight or series of flights.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHART: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated December 1946, are as much as 4300 feet too low. This chart base is being thoroughly rechecked and a new chart will be issued as soon as possible.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of international notams to Service A circuits by WSY New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria; WSY New York; EIP Shannon; FXO Paris; WFH Port Lyautey. Inter-island radioteletype link CSY Santa Maria to WYQY Lagens will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures.

NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, San Juan NAS, Trinidad NAS, Guantanamo NAS guard 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

LORAN RATE RELOCATED: "Frederick Dahl Loran Rate 1L4" shifted to new operations building June 23, 1947. This change involved new antennas, Transmitter, times, and transmission lines. A Loran System error may develop.

AFRICA-Casablanca, Africa: The following established circuits are now in operation at CNO Casablanca Aeronautical communication station: CSZ Lisbon, FXW Bordeau, FOO Paris, CNC Tangier, CNS Gaercife, CNA Fez, CNV Oujda, CNU Meknes, FOR Oran, FNA Algiers, CNN Taza, CNZ Fort Trinquet, CNY Tindouf, CND Agadir, CNX Marrekech FOK Dakar. Landline teletype to FFAG Algiers and CNPL Port Lyautey. Guards Route C radiotelegraph frequencies 3248, 6563, 8538, and 12776 kcs. Additional air ground guards 333, 336, 6510, 4195 kcs. Radio range and beacon identification "KR", 222 and 403 kcs. respectively. Tower voice VHF 116.1 mcs. and 6440 kcs.

Dakar, Africa: Effective May 15, 1947, Overseas Foreign Aeronautical Communications Station WFG, YOFF Airport, Dakar FWA, will be combined with FOK under call sign FOK. Following CAA circuits will be operated and supervised by French Nationals: A/G 3285, 6563 kcs. cont., 11319 kcs. daylight hours, point-to-point circuits, FOK/WFH Port Lyautey, FOK/ELPA Roberts Field, FOK/ZVJ Recife, FOK/ZNT Accra. Following principal circuits operation and supervision French Nationals: Point-to-point, FOK with following stations, CNB Casablanca, X 08 Natal, FOO Paris, FGS Abidjan, FNA Algiers, FSP Port Etienne, FMW Port Au France, FHK Amsterdam. Yoff Tower, range and beacon operation and supervision French Nationals, frequencies unchanged.

Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

Port Lyautey Communications: Effective June 11, 1947, circuit operations NHY Port Lyautey to FOK Dakar and CSZ Lisbon were transferred to station CNO Casablanca. Following civil circuit functions remain in operation NHY Port Lyautey: Circuit 207T Port Lyautey-Santa Maria. Circuit 224 Port Lyautey-Roberts Field, Liberia. 24 hour landline teletype operations connecting NHY Port Lyautey and CNO Casablanca facilitates E and W traffic movements via 207T. Port Lyautey maintains continuous civil air ground guards 3285, 6563 kcs, 11319 kcs. from 0700 until 2200 GCT. Additional civil air ground guards 6554, 6543, 6523 kcs. upon request.

BELGIUM-Brussels: ONBU reports as from July 1st, 1947, the Queen Code ICAO document 2560 will be used by all the Belgian Stations.

BERMUDA-Somerset NAS Radio Facility: Somerset, Bermuda NAS transmissions, air ground CW 3285 and 6253 kcs., were discontinued April 3, 1947.

Belize, Honduras-Landing of Private Aircraft in Belize, Honduras: Aircraft intending to land at Belize Airport or on the Belize waterfront should give the Director of Aviation, Belize, Honduras, at least four hours' advance notice of their intended arrival. Flight plans may be filed for transmission to Belize between the hours of 1400Z and 2400Z through MIAMI CAA-operated overseas foreign aeronautical communications station.

Kingston, Jamaica-Montego Bay Airport: Montego Bay Airport is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica-Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs. only, and guards 2870, 3105, 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA-operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

Trinidad NAS: Effective June 16, 1947, Navy Squadron commenced conducting aerial gunnery from 1300Z to 2000Z daily except Sat. and Sun., until further notice. Surface craft and aircraft remain clear of area 1000N, 6045W, 1030N, 6045W, and 1000N, 6000W, 1030N, 6000W.

CANADA-Moncton, N.B.: Effective July 15, 1947, the following changes apply to air ground services offered by stations CYA Moncton: Moncton CYA will maintain standby watch only on frequencies 6563, 6577, 8538, 11319 kcs. from 1300 to 2000Z daily and on 3248, 3285, 6563, 6577 kcs. from 2000Z to 1300Z daily and will transmit on above frequencies only: (a) when called by aircraft; (b) on request OATC CFMO; (c) on request VOAC Voga.

Montreal, P.Q.-Dorval: Effective July 15, 1947, the following changes apply to air ground services offered by station CYB Dorval: Dorval CYB will maintain continuous watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs only.

CUBA-Rancho Boyeros Airport, Havana, Cuba: Effective May 19, 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file a flight plan prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type, route of flight, time of flight departure, time of minutes, altitude, CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230 92/60N KW. For trial period and until further advised all flight plans except Expreso and those presently using PAA communications facilities may be forwarded through WBR addressed to OAHAV at no charge.

GREECE-Hassani Airport, Athens, Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this stn.

LABRADOR-Goose Bay: Effective July 15, 1947, the following changes apply to air ground services offered by station VOAV Goose Bay: Goose Bay VOAV will maintain continuous watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs, but with frequencies 3285, 6577, 8554, 11319 kcs(receive and transmit)available on request.

MEXICO-Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 P.M. for a Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

NEWFOUNDLAND-Military and Naval Landings: All military and naval aircraft

landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

Gander, Newfoundland: Gander Metar weather broadcast now in operation on 363 and 5410 kcs. simultaneously at hour plus 20 min. and hour plus 50 mins. Reception reports on 5410 kcs. requested.

Torbay Airport, Newfoundland: Torbay Airport open to traffic between the hours of 1030Z and 0230Z. No aircraft will be dispatches to arrive at Torbay between the hours of 0230Z and 1030Z. No traffic facilities will be available between the hours 1930Z and 1030Z. Landing and take off minimums as published in ATLD Amendment No. 16 will not apply. The landing and takeoff minimums will be as follows: Take **off**, day: 500'1 mi. visibility; take off, night: 500' 1 mi. visibility. **Landing, day: 800' 1 mi.** visibility; landing, night: 1000' 3 mi. visibility.

PACIFIC OCEAN-Weather Station Communications: **Effective July 1, 1947, Pacific** Ocean Weather Station FOX discontinued use of 4220 kcs for **voice communications with trans-Pacific aircraft and substituted 5165 kcs for this purpose. The following** paragraphs **of SOP-1-A should be changed in accordance with the above: Section IV: 4 (a); 4 (b); 5 (a)(5); 5 (b); 5 (c) (1); 7 (a).**

PUERTO RICO-San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. Naval Air Station), Isla Grande Airport, San Juan, P.R. - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947. Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, P.R. Cable address is "Autoritan".

San Juan-Seadrome Landing Lights: Effective June 9, 1947, the seadrome landing lights were discontinued and the landing light buoys were removed from the bay of San Juan at the Naval Air Station, San Juan.

San Juan NAS: Effective June 21, 1947 , repairs to runway were completed. Runway was restored to normal length of 5330'.

San Juan-Caguas: Radio antenna tower under construction unlighted until further notice, height 150', located 1-1/4 miles N of Caguas at latitude 18-15-20 N, longitude 66-1-53 W.

San Juan-Losey Field: May 1, 1947, Puerto Rico Transportation Authority took over the operation of Losey Field at Ponce. Operations at this field are restricted except in emergency to the southernmost 150' of the E/W runway - several bad holes on the northern half. NW/SE runway closed. Field available to daylight CFR operations only. (4-26).

DOMESTIC DATA

[redacted] ALA-TENN-GA ARPT (BRIDGEPORT)-Ctn in wet weather. (5-22)
ALBERTVILLE ARPT-SW side of strip soft,rough & washing.Soft in spots in wet weather. (4-29)
ALLENPORT ARPT (MONTGOMERY)-Muddy after rains. Use with ctn. (5-22)
ATHENS ARPT-Ctn in wet weather. (5-22)
ANDALUSIA ARPT-Bare in spots. Ctn in wet weather. (5-22)
ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)
ATMORE FLYING SERVICE-Soft in wet weather. (5-22)
ATMORE INT, SITE 16, NO-AG-Emerg. use only. (5-22)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (5-6)
BATES FLD (MOBILE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-18)
BEAVER DAM FLD (DECATUR)-Soft after rainy weather. (5-22)
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. Landing on sod areas approved by twr in dry weather, unsafe in wet weather. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling runways. Tetrahedron wind indicator lctd E end E/W runway to be discont. soon. (7-1)
BOYKIN FLD (DEMOPOLIS)-Cattle on fld. (5-22)
BREWTON ARPT, new-Cattle on fld. (5-22)
BROOKLEY FLD (MOBILE)-RADIO: Effective Apr 25, oper of AACS operated HF/DF stn temp suspended until further notice. (4-24). FLD: Soft-use runways,taxi strips only. (4023)
ALABAMA CENTRAL PARK ARPT (BIRMINGHAM)-Avail.lgt acft.in all **weather.(5-22)**
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in **wet weather. Avail.** lgt acft only. (4-29)
CHASTAIN'S ARPT (PRICHARD)-Soft after rains. Shallow dip near **center of E/W strip.** (5-22)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry **lgts inop.(5-29)**
CULLMAN ARPT-Soft in wet weather. (5-22)
DAVENPORT ARPT (FT. PAYNE)-Muddy in wet weather. S end rough. **(5-22)**
EUTAW ARPT-Use NW/SE strip only. (4-17)
FAYETTE ARPT-Avail. lgt acft only during wet weather.Trees **and fone line at W end.** (5-22)
FLINT CREEK **ARPT (DECATUR)-Soft after rainy weather. (5-22)**
GAINESVILLE INT, SITE 55, FV-AG-Emerg. use only. (5-22)
GOODYEAR FLD (GADSDEN)-Soft in wet weather. Safe for lgt acft-land with ctn.(5-22)
GRAGG FLD, SITE 27, PS-TM (CLANTON)-Ctn in wet weather. (5-22)
GREENVILLE ARPT, SITE 24,NO-AG-Soft after rains around arpt circle on N/S strip. (5-22)
GUNTER FLD (MONTGOMERY)-Closed to all trans acft. Use Maxwell Field. (6-24)
GUNTERSVILLE DAM ARPT-Soft spots at ends. (5-22)
HARTSELLE ARPT-Use W side fld. Avoid E side. E half of strip has small depressions extending from S end for approx 600' toward the N. Small area at SW portion fld soft after rains. (5-22)
HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE and S, and E. (4-29)
JACKSON FLD (LIVINGSTON)-Rolling and slightly rough. Soft spots along N side at SW end. (5-22)
LEGION FLD (MONROEVILLE)-Do not confuse golf course fairways with landing strips. (5-22)
LUVERNE ARPT-Ctn in wet weather. (5-22)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi. S looks like arpt and lgts give impression of parallel rnwys. (10-17)
McKEE FLD (JACKSON)-Soft after rains. Not licensed. Use at own risk. (5-22)
MOTON FLD (TUSKEGEE)-Use with ctn in wet weather. Soft and rutted spots along E side. (5-22)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg. only. (7-3)
NORMAN BRIDGE ARPT (MONTGOMERY)-Muddy after rains, but not soft. (5-22)
NORTH SAUTY BASE (SCOTTSBORO)-SSE end soft in wet weather. (5-22)
OAK ARPT (FOLEY)-W end E/W, N end N/S strips soft in wet weather. (5-22)
ONEONTA ARPT-N 800' strip wet,soft and rough. Unserviceable in wet weather.(4-29)
PRYOR FLD (DECATUR)-Rough spots around wind sock, mrkd. (5-22)
ROBERTS FLD (BIRMINGHAM)-S side fld avail. during wet weather. (5-22)
RUSSELL FLD (ALEXANDER CITY)-Washes on S edge near W end E/W strip,mrkd(5-22)
SCOTTSBORO FLYING SERVICE-Soft in extremely wet weather. Rough spots on SE corner. (5-22)
SOUTHERN AIRMOTIVE ARPT (DOTHAN)-ABANDONED. (6-24). See page 130.
STROTHER FLD (GASTONBURG)-PRIVATE. Cattle on fld. (5-22)
TALLADEGA ARPT-N 700' N/S strip soft in wet weather. (5-22)
VALLEY AIR SERVICE (LANETT)-Soft after rains. (5-22)
VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Heavy acft avoid extreme NW and SW corners of fld after heavy rains. (6-3)
WALKER CO. ARPT (JASPER)-Land inside of bndry mrkrs. Avoid new landing strip now being graded. (5-22)
WEEDON FLD (EUFAULA)-Trees in W approach. (5-22)
WINFIELD ARPT-In wet weather avoid S end N/S strip-soft. (5-22)
WOOD-DEARING ARPT (RUSSELLVILLE)-Muddy in wet weather; safe for lgt acft; but land with ctn. (5-22)
ARIZONA: **ASH FORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld** hazardous-grass, hills. (3-4)
DAVIS MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding cello-meter W end fld between ends of NW/SE, E/W rnwys. (6-17)
DEEP LAKE INT, SITE 54A, LA-AQ-Avail. emerg. use only-soft. (3-4)

[redacted]: DOWN TOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (5-27)
**GRAM ARPT (GLENDALE)-Formerly carried as Gram Arpt (Glendale). (1-9). See page 102
HOLBROOK INT, SITE 51B, LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-Closed to all flying. No obst lgts atop Haulpai Mtn. 8500' MSL, 11 mi. S.(7-3)
LAGUNA LANDING STRIP-Equip. on fld. Only N/S rnwy avail. (6-20)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on 2nd hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)
PHOENIX-Inst train. on Phoenix Range between 5500 and 9500'
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy acft use rnwys in wet weather. (4-26)
SKY HARBOR ARPT (PHOENIX)-Local ngt flying acft must be equipped with 2-way rdo. Equip. near Rnwy 12. Installation of ILS in progress off end of Rnwys 26 & 8. (5-25)
TEMPLE BAR ARPT-Unsafe (soft). (6-25)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
TUCSON-RADIO: Following repairs, courses gnd-checked only. (6-26)
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs advance notice in order that lgts may be turned on. (5-8)
WILLIAMS FLD (CHANDLER)-RADIO: Army range unreliable and to be used for training only. (6-3) FLD: Use rnwys only.
WINSLOW-RADIO: Soon, VARW fac will be comm at lat 35-03-29, long. 110-47-46. Freq. 108.7 mcs. Ident. "WO". Visual courses: 21°, 201°; aural courses: 111°, 291° Voice fac will be added at a later date. This corrects Airgi, Vol. 2, No. 4. (5-24)
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed (flood damage) Equip. on fld days. (5-27)
YUMA COUNTY ARPT-Parking rstd to W side fld. (5-26)
[redacted]: BIGGERS ARPT-Use strips only - cattle on fld. (4-25)
BLYTHEVILLE-RADIO: About July 15, rng courses will be realigned to: 45°,119°,225°,299° (7-1)
EL DORADO-RADIO: Ctn - VHF rng unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intxn W closed, mrkd. Bndry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
HOT SPRINGS MEMORIAL FLD-Use ctn when landing and taking off. Soft sod in wet weather (5-15)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: Stn gds 3117.5 kcs. 2200 to 0600.
LUXORA INT, SITE 39, NO-LS-30' unlgtd p-line being erected S end N/S rnwy. (9-27)
MANILA ARPT (BLYTHEVILLE)-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-25)
**NORMAN FLD (OLA)-ABANDONED. (7-2). See page 88.
PINE BLUFF-RADIO: Ctn - VHF rng unmonitored. (4-10)
PRAIRIEVILLE ARPT (STUTTGART)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, fld soft and rough. (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE ARPT-Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)
CALIFORNIA: ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner lfd-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
AUBURN-RADIO: Hourly weather reporting and teletype services will be discont soon.(6-21)
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. Tetrahedron will be [redacted]: perm discont soon. (7-3)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways. Rnwy 31 usable in all weather for acft up to 10,000 lbs. Taxiways should be used with ctn during winter months When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave., but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (5-19)
BLYTHE AAF-Obst lgts atop control twr inop. (2-28)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)
BRESSON ARPK (BLYTHE)-Soft spot W side N/S strip. (5-30)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs)
BURBANK-LOCKHEED AIR TERMINAL-Closed to all trans P-80 acft except on special projects for modification that stn. Right traffic Rnwys 7,15; left traffic Rnwys 25,33. Approach lgts Rnwy 7 changed to red. 2-way radio rqrd all acft. Rnwy 13-31 closed (parked acft) (6-23)
CAL AERO ARPT (CHINO)-Use rnwys only-parked acft. (3-24)
CAMARILLO-VENTURA CO. ARPT-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)
CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT (AVALON)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)
CLEAR LAKE SEAPLANE BASE-Avail. emerg. only. (6-11)
COALINGA ARPT-NW 1500' NW/SE strip rutted. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (5-20)
COMMERCIAL ARPT (LOMPOC)-Strips unusable. (5-30)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sfc. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3, 7. (3-13)
DEATH VALLEY NATIONAL MONUMENT (FURNACE CREEK)-All traffic away from mountain side of strips regardless of wind. (5-21)
DEL MAR ARPT-Right traffic at 800' with prevailing westerly winds. (5-21)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
DONNER SUMMIT-RADIO: About July 15, BMRL fac will be shut down for approx 10 days for const. (7-5). These data rcvd too late for (Q) symbol on Chart 19.
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (5-22)
**ESCONDIDO-Large circular caution area has been estab. approx. 9 mi N having a radius of 5 mi centered at lat 33-18-45, long. 117-05-00
★FAIRFIELD-SUISUN AAF-RADIO: Middle mrkr of Army ILS in oper 4500' from NE end NE/SW rnwy. Information re keying not avail. Rdo rng Z mrkr, 24,950' from NE end of NE/SW rnwy right, is used as outer mrkr for ILS. (6-24), Army rng unreliable, use for homing only. (6-5). AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (6-5)
FILLMORE ARPT-Private fld. Acft parked adj to strip. Expected to be open to public soon. (3-20)
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
★GRAND CENTRAL ARPT (GLENDALE)-RADIO: Mun twr now transmits on 201 kcs, 118.7 mcs. (6-24) FLD: CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop)(1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt manager at all times. (3-19)

[redacted]: HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-26)
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)
HOLTVILLE ARPT-Closed-emerg use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg. or by approval of the CO, NAS, Los Alamitos. (4-9)
HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-6)
INYOKERN-RADIO: Soon, ident of Navy rng will be changed to "NID".
LINDBERGH FLD (SAN DIEGO)-Right traffic Rnwys 27 and 31, left traffic Rnwys 9 and 13. (6-19)
LIVERMORE OLF-Avail. emerg use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Ltd maintenance and fuel supply Army acft. (6-9)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emerg or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)
LOS ANGELES ARPT-Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within approach zone to and parallel with S side Rnwy 29, Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. All landings, take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. (7-2)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs advance notice should be given if possible. (7-1)
MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)
MARCH FLD (RIVERSIDE)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (5-26)
MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FLD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (4-23)
MERCED MUN. ARPT-Daylgt oper of bcn is to warn local and trans acft of approaching airline acft. Ctc, approach lgts inop. (6-24)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. (3-28)
MOFFETT FLD NAS-LTA-HTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class use Rnwys 14L-32R only, except in emerg. N connecting taxiway closed to all traffic. (6-17)
MOJAVE NAS-Closed to all acft except on off. bus. (5-21)
MONACHE MEADOW LANDING STRIP (OLANCHA)-Strip maintenance uncertain - ctn (5-30)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24, 28; left Rnwys 6, 10. (5-20)
MT. LAGUNA-RADIO: About July 15, freq of MH fac will be changed to 382 kcs. (7-1)
MUROC AAF-RADIO: Army range unreliable and to be used for homing and training purposes only (6-9) FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
NEEDLES ARPT-Wind cone inop. (6-21)
NEWHALL INT, SITE 3A, LA-SF-No fuel. (5-30)
OAKLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.7 mcs for mobile ground traffic. (7-2) FLD: Rock surface area adj to Rnwy 27R avail. small acft. Adhere to instructions issued by twr. Maintenance facs avail. 0800 to 1800. Closed to acft not equipped with two way rdo except acft may land for repairs or fuel without rdo on permission from arpt supt. Rnwy 6-24 avail. lgt acft only. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W taxiways and parking apron sealing expansion joints

[redacted]: Heavy acft use rnwys, taxi strips only. Arpt channel unmrkd day, ngt. (5-13)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when wet. (5-19)
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)
PALM SPRINGS ARPT-Right traffic, all take offs and landings on Rnwys 31,35. Rnwys 13, 17 usual left. (5-17)
PLUMAS CO. ARPT (BECKWOURTH)-Use rnwys, taxi strips only-turf rough. (6-2)
REDWOOD FLD (ARCATA)-RADIO: Effect. June 26, ILS at landing Aids Exper Stn will be inop from 0800 to 1700 Mon thru Fri for approx 4 weeks. Cont. oper at other times and avail. on 30 mins notice IFR during above hrs. (6-26) FLD: Closed to acft without 2-way radio. Use surfaced areas only. (3-25)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAN CLEMENTE ISLAND OLF-Closed except in emerg. (6-3)
SAN DIEGO-Night fighter train. being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long. 117-03-20 and lat 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S.-Mexico bndry. (b) A sector of a circle with radius of 40 mi centered at lat. 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat. 32-50-30, long. 116-26-30, excluding those portions which lie within the confines of civil airways.
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45° Landing will not be made without passing thru Point Love (black and orange checkered floating pyramid)unless directed by twr. Point Love (black and orange checked floating pyramid) is lctd 1-1/2 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1900' Acft will not fly over Coronado or Amphibious Train. Base at an alt of less than 1500' Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (6-3)
SAN FRANCISCO-RADIO: Effect July 1, Overseas Foreign Aeronautical Communs Stn KSF will perm discont use of voice freq 4220 kcs send-receive and activate in its place voice freq 5165 kcs send-receive. Thereafter pilots radiotelephone service at KSF rdo San Francisco will be maintained on VHF 116.1 mcs and 5165 kcs. Pilots radiotelephone service on 2870 kcs send-receive will continue to be maintained for seaplanes only.
SAN FRANCISCO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-3) About Aug. 1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclzr freq 109.5 mcs with ident "SF"., transmitter lctd 220' from W end of E/W rnwy. Glide path freq. 332.6 mcs, transmitter lctd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be lctd 6.6 mi from E end of E/W rnwy, keyed 2 dashes per second, inner mrkr will be lctd 4550' from E end of E/W rnwy, keyed with alt. dots and dashes. No bndry mrkr Will oper cont. (5-14). This corrects Airgi, Vol. 2, No. 4. FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 2000' Rnwy 10-28 closed for landing acft days only. (6-2)
SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail, but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)
SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status-no facs)
★SANTA BARBARA-RADIO: Adtnl VHF voice fac avail. at low freq rng on 121.1 mcs.
SANTA BARBARA ARPT-Equip. on fld. Closed to glider opers. (6-14)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (5-6)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Approx 1/3 of the main strip has been gravelled and should be used during the winter months. Medium and large acft avoid during the spring thaw. (5-26)
SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed. Equip. adj to NNE/SSW strip. (5-6)
SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)
**SKYLARK FLD (FRESNO)-CLOSED (7-2). See page 76.

[redacted]: STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bdn operating without course lgts. (5-11)
SWEETWATER LANDING STRIP-Arrangements for using this fld made through Operations Officer NAAS Ream Field. No communications at landing strip. (12-5)
TEMPLETON MEADOW FIELD (OLANCHA)-Unusable. (5-30)
TERMINAL ISLAND NAS (SAN PEDRO)-Bcn will be discont soon. (6-28)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TUNNEL LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn. (5-30)
VAN NUYS METROPOLITAN AIRPORT-Available civil acft providing they have official business with one of the acft companies lctd on field. Acft without radio may enter providing previous arrangements have been made with twr. (12-5)
VERNALIS FLD-CLOSED. (1-14)
VICTORVILLE AAF-Use Rnwys 16L-34R, 7R-25L, 3R-21L only. (5-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider operations with plane and auto tows. Tall grass and equip. on fld. (3-14)

COLORADO: BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop (4-7)
FLD: No lgts, messing, transportation or lodging facs. (4-5)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
DENVER-RADIO: Rcvg facs on 3105, 6210, 4495 kcs, 116.1, 122.1 mcs, voice facs on 379 kcs, 109.1, 111.1, 116.1 mcs and approach control on 379 kcs will be inop for approx 2 days (relctn of stn). VHF rng on 109.1 mcs will be unmonitored. (6-25)
FLAGLER ARPT-Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy.
**LEADVILLE FLGT STRIP-Lat 39-15,long.106-20 (6-17) Rec'd too late for inclusion in
LOWRY FLD (DENVER)-Equip. on fld 0800 to 1700, Mon. thru Fri. (4-11) Directory.
PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (6-13)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long 104-18-38; E by long 104-17-40.
PUEBLO ARPT-Rot. beacon atop hangar when lgtd indicates fld closed except to scheduled air-carrier acft. NW/SE rnwy unlgtd. NE end NE/SW runway designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind runway when wind velocity below 7 mph. All aircraft land, take-off according to the tetrahedron. (3-24)
RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines)(5-14)
RUSTON FLD (DENVER)-Strips soft during wet weather. NE/SW strip closed. (6-6)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center - parked acft.
SALIDA ARPT-Landings should ordinarily be made to the W and take-offs to the E (6-13)
SKY RANCH ARPT (DENVER)-Right traffic Runways 26, 30, 36; left traffic Runways 8,12, 18. Traffic controlled by tetrahedroh. Available CFR operations days only. (6-13)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
WALKER FLD (GRAND JUNCTION)-Heavy acft use rnwys only. (6-13)

CONNECTICUT: BRAINARD FLD (HARTFORD)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: Equipment on field intermittently. 300' bldg under construction 1-1/2 mi NW field boundary, close to NW leg Hartford Range. Flood lgts N end N/S rnwy inoperative. Eleven street lgt poles erected W side fld, unlgtd. Lgts approximately 12' below top of poles. (6-2)
BRIDGEPORT ARPT-Use rnwys only. Extensive local traffic days. Acft landing without establishing rdo communs with twr must conform to local traffic pattern. Observe tower at all times for light gun signals especially on base leg and final approach. Clear rnwy toward tw tower immediately after landing. All acft without rdo communs with twr should determine proper rnwy and taxi route from twr or opers prior to taxiing. (6-10)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans a student pilots. Const N and S ends of fld and on taxiway between fld and shop (4-21)

[redacted]: DANBURY-SPECIAL NOTICE: Danbury Fair Inc. operating a search lgt at Danbury Speedways every Sat. ngt throughout the summer season. (5-27)
HAMMONASSET FLY ING FIELD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs, hedges on W bndry)(5-5)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signal man stationed at approach end of rnwy being used, displaying red flag. (4-21)
**PUTNAM INT, 14, LG-BW-ABANDONED. (7-1). See page 56
RENTSCHLER FLD (EAST HARTFORD)-Pile driver moored in Conn. River with obst lgts 130' MSL, 1/2 mi SW fld. (6-2)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and the SE. (4-25)
STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)
TRUMBULL FLD (GROTON)-Water twr being const atop hill 1 mi NW. 107' derrick being used during const, unlgtd. (5-19)
WATERBURY AIRPORT (PLYMOUTH)-Muddy with scattered puddles - available with caution. (3-11)

[redacted]: NEW CASTLE CO. ARPT (WILMINGTON)-Use rnwys only Equip. on fld days. (3-14)

[redacted] SPECIAL NOTICE: See item under Alexandria Airport, Va.
SPECIAL NOTICE- The Administrator of Civil Aeronautics has designated the Mount Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mount Vernon, latitude 38-42-40, longitude 77-05-30.
SPECIAL NOTICE-TELEVISION TOWER 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL AIRPORT, LATITUDE 38-53-46, LONGITUDE 77-08-05 (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FIELD (WASHINGTON)-Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flight minimums Rnwy 2-20 avail. (3-12)
WASHINGTON NATIONAL ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. Following instrument landing minimums have been estab. for all Army traffic except scheduled ATC flights. Day and night: Form 8 white card holder 800' and 1 mile. Form 8A green card holder-500' and 1 mile. Army aircraft landing this airport will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg. only. (1-16)
FLD: 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true)(4-16) ARMY: Use of this airport by Army acft is prohibited except for: (a) Scheduled ATC traffic (b) Landings and take-offs necessary for overseas flights using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporing VIP and General Officers above grade of Maj. General, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area Army acft landing this fld should taxi to new ATC Terminal Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS In special instances, all of which will be cleared by Anacostia Twr, Washington National Airport will be available to Navy planes. GENERAL: Closed to acft without radio. Stay on paved areas-shoulders soft. Equipment on field. Parking area limited - turf soft. At times pilots of private aircraft will be unable to secure parking space. Lighted trailer 500' W of centerline of N/S runway at N end. (2-15)

[redacted]-ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi SW. (4-26)
AVIATION CENTER ARPT (LEESBURG)-Use rnwys only-sand soft. (5-22)
BANANA RIVER NAS-RADIO: Navy exper VHF rnwy lclzrs and various types of ILS oper intermittently day, night. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, night. (2-27) FLD: Exper flgts conducted down to weather minimums of 300' ceiling and 1 mi visibility with ATC clearances. Hvy training traffic in both land and seaplane areas, day and ngt week days only. All civil acft warned to stay clear of air space reservation which includes area 20 mi radius from the NAS.(3-12)
BANANA RIVER NAS SEAPLANE BASE-Seaplane landing area avail. W of stn on Banana River. Wind line consisting of five green lgts on lctn in center of area ngts when training is scheduled. Avail. at all other times on one hrs notice. (4-10)
BOCA RATON AAF-Closed to all trans mil acft except on off. bus. or in emerg. Port. floods avail. on 15 minutes notice. Stay on rnwys-shoulders soft. (6-9)
BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs. (4-9)
BUNNELL ARPT-Cattle on fld. (5-19)
CANNON MILLS ARPT (ORLANDO)-N, NE, NW, E use rgt traffic. S,SW,SE,W use left traffic. (5-27)
CECIL NAAS (JACKSONVILLE)-Equip. on fld. (5-19)'
CEDAR KEYS ARPT-Use rnwys only. (5-19)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. Observe wind tee for traffic direction. Orange arm to right indicates right traffic. (6-24)
CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)
DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (5-7)
DAYTONA BEACH ARPT-Lgtd tetrahedron S side fld inop. Use lgtd wind tee SE of Admin Bldg. (5-8)
**DELESPINE SITE 19 MM-AG-This fac discont July 2, 1947, lctd 34 mi SE Daytona Beach Arpt at lat 28-29, long. 80-47. (7-2)
DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Equip. along outer edges of N and S ramps mrkd. Ditch along outer edge of N and S ramps, mrkd. Taxi strip between Rnwy 18-36 and N ramp 2200' from approach end rnwy closed. Avail. to rdo rcvr equipped acft tuned to twr freq. Rnwy 18-36 closed ngts (lgts inop) (7-6)
EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (6-11) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Rng. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (6-11)
ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)
FORT LAUDERDALE ARPT-Const. Fifty acres being cleared, graded and paved at the E side of fld. Taxiway being const parallel to the NW/SE rnwy. NW/SE rnwy being extended at the SE end. (6-3)
GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)
HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt acft only. Sinkhole 100' E of intersection filled with sand. Other rnwys and taxiways usable. (5-19)
**HOMESTEAD-RADIO: CAA rng comm and flgt-checked without voice fac June 24, at lat 25-28-59, long. 80-29-28. Freq. 266 kcs, ident. "DHO". Courses: 34°,87°,214°,267°. These data rcvd too late for inclusion on data page and chart.
HOMESTEAD ARPT-RADIO: CAA portable ILS lclzr equip. installed approx 1000' from E end E/W rnwy. Glide path equip. 400' N and 1000' E of W end E/W rnwy. ILS flgt-checked and will be comm at a later date. (6-24) FLD: Landing fee all acft. (3-12)
**HUTCHINSON'S AVIATION ARPT (PANAMA CITY)-Lctn at lat 30-12-15, long. 85-50-15. See page 130.
IMMOKALEE INT, SITE 13, MM-TM-Use with ctn-soft. (6-25)
JACKSONVILLE ARPT NO. 1-Operating of priv acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)
[redacted]-JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. (5-22)
JASPER ARPT-Cattle on fld. (5-19)
KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)
KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)
LAKE BUTLER OLF-Cattle on rnwys. (5-22)
LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)
MacDILL FLD (TAMPA)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwys 4-22, 13-31,18-36 avail. Rnwy 18-36 closed ngts. GCA equip. 3000' from end Rnwy 22R, lgtd. Rnwy 4R-22L avail. acft under 50,000 lbs.(6-30)
MASTER NAS (MIAMI)-Closed thirty min after sunset until 0700. Extreme ctn-heavy traffic. Northernmost E/W rnwy closed (equip.,parked acft). (1-8)
MAYPORT CGAS-Closed to all traffic except Air Sea Rescue and emerg landings (caretaker status-no facs). (6-29)
MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. Obst lgts atop old control twr inop. (6-17)
MIAMI-RADIO: Federal Communication Comm. Fld Unit Direction Finding Aids inop.(being relctd.) (5-5)
MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and reguster with Ramp Supervisor. Scheduled air-carriers and International Acft requiring immigration and customs service use 36th St. Terminal. Trans International pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently, days. Obst lgts on pole lines adj Seaboard Airline R.R. Shops between N and S flds inop. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. Const in grass area between Terminal and W hangar ramps and E/W rnwy in N fld. Area mrkd and lgtd. (5-26)
MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range stn when passing Miami NAS. Stay clear of NW corner fld- fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)
**MORRISON FLD (WEST PALM BEACH)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline. Middle mrkr ident. being changed to alternate dots and dashes. (3-17) FLD: 205' twr constructed by Rdo Stn WIRK, 3 1/8 mi S, 1/8 mi W at lat 26-38-05, long 80-07-25, lgtd. (6-24) Closed to all trans acft except on off. bus. or in emerg. (7-3)
ORLANDO AVIATION COUNTRY CLUB ARPT-Land to the N, take-off to the S. Pwr line N. (5-19)
ORLANDO AAB-ARPT-About July 1, tetrahedron wind indicator will be discont.(6-18)
PAGE FLD (FT. MYERS)-NW/SE rnwy lgts inop. (5-1)
PENSACOLA ARPT-Ext Navy train. thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip. Opers and svcg lctd brick hangar. (4-29)
PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (5-22)
PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Rnwy 3-21 and S of Rnwy 10-28 rough use ctn when taxiing. Hvy acft use rnwys. Equip. on fld days. (5-20)
PINELLAS CO. INTERNATIONAL ARPT (ST. PETERSBURG)-Lgt acft landing and taking off on sodded area directly S of fld. (6-30)
PUNTA GORDA MUN. ARPT-Usable emerg landings only. (5-29)
ST. AUGUSTINE ARPT-All lighting facs inop. (5-19)
SANFORD MUN ARPT-Bcn, rng, flood,obst and rnwy ctc lgts on req. (5-1) See page 134.
STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)

FLORIDA: SUNNY SOUTH ARPT (MIAMI)-Lgtd for student ngt flying. Closed to trans acft. (5-13)
★TALLAHASSEE-RADIO: Auto. rng monitor. sys decomm. (6-23)
TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)
TAMPA-RADIO: 116.1 mc transmitter temp inop. (6-30)
TAYLOR FLD (OCALA)-Use rnwys only. (1-23)
••TITUSVILLE-SITE 20,MM-AG-ABANDONED. (7-1) See page 134. Bcn will be changed to red.
TITUSVILLE-COCOA ARPT-Use rnwys, taxiways only (soft sand). (5-8)
TROPICAIRE ARPT (MIAMI)-Correct location lat 25-55-15, long 80-13-00.See page 136.
TYNDALL FLD (PANAMA CITY)-RADIO: Army range unreliable. (4-18)
VERO BEACH ARPT-Crash facs not avail. on line. Rnwys 11-29,3L-21R,7L-25R,18-36 closed (repairs). (5-21)
WAKULLA ARPT-CLOSED (soft sand) (5-22)
WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emerg only. (4-9)
WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at edges all rnwys. Tetrahedron indicates rnwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)
GEORGIA:ALBANY ARPT-Use rnwys only. (6-16)
ATLANTA ARPT-Const, equip. on fld intermittently. Use rnwys ngts. Closed to HB and VHB acft, Trans Army acft use Marietta AAF. 25' lgtd bldg near N end N/S rnwy. N portion of N/S rnwy extending down to the E/W rnwy obscured from twr and is closed to all traffic except acft with 2-way rdo in commun with twr. Pilots land at own discretion. (7-5)
ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. (4-16) No fuel temp. (7-7)
★AUGUSTA-RADIO: Auto. rng monitor. sys comm. (6-21)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)
CALLOWAY ARPT (LA GRANGE)-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)
••CAMILLA ARPT-ABANDONED.(6-25) See page 132.
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CARROLLTON ARPT-Equip. on fld. (5-12)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatic 0800 to 1700 all within 35 mi radius. (4-4)
COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)
••GAINESVILLE ARPT-Contact, approach, and range lgts are high intensity system.(6-23) See page 116.
••GRIFFIN-SPALDING FLD (GRIFFIN)-Formerly carried as Griffin Mun Arpt.(12-22) See page 116.
••HOMERVILLE FLIGHT STRIP-Lat 31-03-00, long 82-46-30. (9-21) See page 132.
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. Approx 1200' of E end of E/W rnwy not visible from twr. Hangar now obstructing view expected to be dismantled by approx Sept 23. Obst lgts atop bldgs in center of N ramp inop. (6-23)
••JASPER ARPT-Lat 34-29-00, long 84-26-15. See page 92.
JESUP ARPT-Const. (2-3)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS)-MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E. SE OF LANDING AREA DAY,NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2,32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32. (4-30)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const.) Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
MALCOLM-McKINNON ARPT (BRUNSWICK)-Equip. on fld days. (6-2)
MARIETTA AAF-No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers Bldg 200 yds N intersection Rnwys 10 and 15. (5-19)
••MILLEDGEVILLE MUN. ARPT-Lat 33-06-00, long 83-15-00. (12-20) See page 116. Soft after rainy weather. (4-17)

GEORGIA
MOODY FLD (VALDOSTA)-Two obst lgts atop Rdo Stn WGOV inop.
MUSCOGEE CO. ARPT (COLUMBUS)-Wind tee tied day and ngt when wind is 12 mph or less. Free swinging over 12 mph. (5-16)
SAFFOLD ARPT (SAVANNAH)-2500' ESE/WNW strip under const. (4-2)
ST. MARYS ARPT-Cattle on fld and rnwys. (1-27)
SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°. (4-22)
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwys closed (sloped for drainage). (4-8)
THOMASVILLE ARPT-Closed ngts-no lgts. (10-24)
TURNER FLD (ALBANY)-RADIO: Army air to ground stn. temp. inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)
IDAHO:BOISE ARPK-Right traffic for NW landings and take-offs. (5-21)
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicated traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil except for taxiing. Extreme ctn while taxiing thru this area. (6-2)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
DUBOIS-RADIO: Rng figt-checked June 23, courses correctly aligned. (6-27)
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
IDAHO FALLS-RADIO: Rng figt-checked June 23, courses correctly aligned. (6-24)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
★POCATELLO-RADIO: VHF omni-directional rng comm for test purposes at lat 42-52-14, long. 112-39-03. No ident. Not figt-checked, is unmonitored and should not be used for navigational purposes. (6-30)
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. Equip. on fld days. (6-3)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)
ILLINOIS:ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within runway mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates Right Traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. Inten training including weather, hood, and ngt between the ours of 0700 to 0100 daily. (6-24)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const.). (3-3)
CHICAGO-RADIO: Ctn- VORW rng unmonitored.
CHICAGO ARPT-RADIO: GCA temp inop. (6-16) FLD: Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L, 36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Term Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway. Ctn when taxiing. Ramp in front of new Term Bldg being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center -parked acft.
CHICAGO-ORCHARD ARPT-14 approach lgt standards approx 5' in height being const 85' left of center line NW/SE rnwy extending 1500' NW from NW end of rnwy. Will be mrkd by 3 flares 1 each on both ends of all. 1 on center standard during const. (6-10) Landing fees same as Chicago Arpt. Trans acft register in city office S side fld. Glide path bldg 800' SE of NW end NW/SE rnwy 400' SW. Lclzr bldg 950' SE of SE end NW/SE rnwy. (6-4)

[redacted]: CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
EFFINGHAM-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-30)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
HARVEY-RADIO: Rng gnd-checked only following repairs. (6-25)
JOHNSBURG ARPK-Equip. on fld. (3-18).
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet. (3-16)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PAL-WAUKEE ARPT (GLENVIEW)-250' Goodyear Blimp based on fld until approx Aug 10. Stationary mooring mast 45' high with a single obst lgt lctd on the NE side of the fld, approx 300' from existing rnwys. Blimp unlgtd, but riding lgts will be turned on upon the approach of acft. Pilots req to avoid use of rnwys during the 10 or 15 min period which will occur twice a day when the blimp is landing or taking off. (5-31)
PEORIA ARPT-Equip. on fld 0800 to 1630 daily except Sun. (5-10)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
★ROCKFORD-RADIO: SE course realigned to 283°. Gnd-checked only. (6-28)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. (4-5)
SPRINGFIELD MUN. ARPT-New arpt under const 3 mi NW of Springfield. Will be completed approx Aug 9. Gaps in paving at intersection of rnwys. Pole line crossing SE end NW/SE rnwy. Equip. on fld. Pilots advised not to land. (6-17)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Use strips only. (6-10)
WAUKEGAN ARPT-NW/SE, E/W strips usable except in extremely wet weather. (5-13)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)

[redacted]:ANGOLA-RADIO: Caution VORW rng unmonitored.
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (3-26)
BLOOMINGTON ARPT-Turf sparse-soft when wet. (5-19)
BRIGHTWOOD ARPT (INDIANAPOLIS)-E end E/W strip under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-19)
CHAIN LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTON ARPT-Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (5-19)
COLUMBUS MUN. ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (3-31)
••CORK ARPT (MARSHFIELD)-Formerly carried under West Lebanon. See pages 44,46)
••ELLIOT-MARTINSVILLE AIRFLD (MARTINSVILLE)-Formerly carried as Martinsville Arpt. See page 142.
EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. (5-5)
GARY ARPT-Water on fld. Soft in wet weather. Extreme ctn. (5-1)
HOOSIER-PARK ARPT (INDIANAPOLIS)-NW/SE, NE/SW strips closed. Area immediately adj to these strips avail. for traffic. (5-22)
HULMAN FLD (TERRE HAUTE)-Erosion on fld-use rnwys only. (6-23)

[redacted]:HUNTINGTON MUN. ARPT-SE end NW/SE strip freshly filled. Not firm. (11-13)
★INDIANAPOLIS-RADIO: Atml VHF voice fac on 111.1 mcs comm. (6-26) GCA unit operated by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, receives on 3105,4495,6210,3117.5 kcs., 126.18 mcs. Pilots desiring to make practice runs should make arrangements thru Indianapolis Twr, Indianapolis Rdo or airline ground stn at Indianapolis. All flights must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, operating intmtly at SW bndry of arpt. Exper lclsr on 108.3 mcs SW end NE/SW rnwy. Exper rdo rng with 5 lgtd 131° twrs operating intmtly at Avon, Ind, 7 mi NW of arpt on 172 and 194 kcs. Low power (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclsr course, keying "U", tone 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 80' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd agts. Exper slope line (Glide path) approach lgt sys installed W end of Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy ctr lgts. No mil svcg-use Stout Fld. 20 elevated gaseous tube directional taxi mrkr lgts showing a blue lgt when lgtd. 5 on exper stn taxi strip and 15 on short N/S rnwy and to the two short E/W taxi strips leading therefrom to Admin Bldg apron. (6-24) Right traffic pattern for acft landing on grass to the right of rnwy in use; left for acft landing on grass to left of rnwy. Acft landing on rnwys use left traffic pattern unless otherwise advised by twr. (5-22). Exper bcn atop Admin Bldg rot. at high speed counter clockwise operating during IFR days only. (6-18)
McCOOL INT, SITE 3, CG-LG-Pwr poles approx 460' S of the S end of the N/S rnwy, fence line along the S side of Hwy #6, 50' silo 1160' W of watchhouse, all unmrkd. Green bndry lgts No. 17 and 28 changed to clear. (5-27)
MICHIGAN CITY ARPT-Use only mrkd strips, taxiways-bal fld unsuitable for landing and taxiing. (5-19)
MORGANTOWN-RADIO: FM formerly on S course Indianapolis Rng will remain in oper on exper basis. (11-8)
MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (3-23)
PLYMOUTH ARPT-E/W, NW/SE strips avail. ENE/WSW strip closed-newly seeded. Condition will be in effect thruout the summer. (5-19)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather. (6-17)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft when wet. Const area mrkd. (5-19)
SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft when wet. (5-19)
SOUTH BEND-RADIO: Caution VORW rng unmonitored.
SOUTH BEND-Barrage balloon over S central portion of South Bend. Max height 500' above gnd. Aloft 0700 until 1700 daily. (5-27)
STARKE CO. ARPT (KNOX)-N/S strip soft-loose sand. Avail. lgt acft only. (5-19)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (5-22)
TRI-STATE ARPT (ANGOLA)-N/S strip closed (const). (5-5)
URSCHEL FLD (VALPARAISO)-Strips soft in wet weather. (5-19)
WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather. (5-5)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No wind conditions land to W. (5-8)

[redacted] CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)
DES MOINES-Rng flgt-checked, courses correctly aligned. (7-5)
DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. Equip. on fld. Excavation off sides of N/S taxi strip approx 200' N of S end of strip, mrkd. No NG fuel or fuel on Form 15 due flood. (7-3)
DUBUQUE ARPT-CLOSED (flooded). (6-13)
ELKADER ARPK-N/S strip newly graded and seeded. (5-29)
HUNTER FLD (CEDAR RAPIDS)-NE/SW rnwy under const. Land on other rnwys with ctn. Equip. on fld. (6-24)
IOWA CITY ARPT-Closed ngts. Sod adj rnwys, taxi strips freshly seeded. Lgts being installed. Const until approx July 13. Trenches 3' deep adj all rnwys, mrkd. Equip. on rnwys. Rnwys will be cleared for air carrier landings. New bcn 250' E of N/S taxiway mrkd by red lanterns ngts. (6-13)
LAMONI INT, SITE 19, KC-MP-Unsafe (soft). (4-16)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)
OTTUMWA NAS-S landing mat closed (helium bottles on mat). Use rnwys only (5-6)
SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. (4-30)
[redacted] ALLMAN ARPT (LENEXA)-Use strips only. (4-2)
ATWOOD ARPT-Soft when wet. (3-26)
★BEECH ARPT (WICHITA)-RADIO: Priv. twr comm July 1 See page 86 FLD: During damp weather use rnwys only. (4-2)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags. (2-6)
**CULVER ARPT-Reported ABANDONED. (6-27). See page 86.
DODGE CITY ARPT-Blinding ceilometer installed 1000' NW of Admin Bldg. E/W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)
FAIRFAX FLD (KANSAS CITY)-Only 100 oct avail. (6-13)
FT. RILEY-AA firing conducted immediately N of Marshall Rng Stn.
GARDEN CITY AAF-No svcg or maintenance avail. (2-7)
GOODLAND ARPT-Rnwy sides soft when wet. (2-21)
HUTCHINSON MUN. ARPT-Heavy acft use rnwys only Tetrahedron unlgtd. (5-1)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Closed to all acft except on off. bus. or emerg. Only N/S rnwy nearest ramp avail. (6-23)
JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)
**LARNED MUN. ARPT-ABANDONED. (6-24). See page 36
MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Rng Stn.
OLATHE NAS-Closed 1800 to 0800-flights desiring landing during these hrs must notify opers before 1600. (6-13)
OLATHE OLF NO. 2-Use in emerg only-no facs.
OLATHE OLF NO. 4-Use in emerg only-no facs.
OLATHE OLF NO. 7-Use in emerg only-no facs.
OLATHE OLF NO. 9-Use in emerg only-no facs.
SATANTA ARPT-Strips soft in wet weather. (2-19)
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic Strips 12,15; right traffic Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA) RADIO: Army ILS (CAA type) inop indefinitely (4-1)
TOPEKA-Inst flying rdo rng ngt, day. Call Topeka Rdo at least 20 mi out before flying rng.
TOPEKA AAF-Closed to all trans mil acft except on off. bus or in emerg. (6-2)
★WICHITA ARPT-RADIO: Middle mrkr of CAA ILS now monitored. (6-10). FLD: Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on [redacted]: concrete-sod unsafe. (4-29)
WICHITA AUX ARPT-Appt letd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)
[redacted] ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)
BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)
BOWLING GREEN ARPT-Use rnwys only. (4-7)
CAMPBELL AAF (HOPKINSVILLE)-Ext const. Rnwy 4-22 only avail. (6-1)
GODMAN FLD (FT. KNOX)-RADIO: Army rng unreliable;use primarily as homing fac. (6-24) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (6-24)
GREATER CINCINNATI ARPT (COVINGTON)-Lgts not controlled from twr. Lgts inop Rnwy 13-31. (6-17)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (4-28)
LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. and therefore it is avail. for navigational purposes with these limitations. (4-2)
PADUCAH-McCRACKEN CO. ARPT-Bcn, ctc lgts oper from dusk till dawn daily. Only NE/SW rnwy lgtd ngts. (6-18). (6-18)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)
[redacted] BARKSDALE FLD (SHREVEPORT)-Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)
COMMERCIAL ARPT (HODGE)-Unsafe (rutted). (6-10)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in cont oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT Use strip only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
LAKE CHARLES MUN. ARPT Blinding 30 million candle pwr ceiling lgt installed stn WBAS. Operates during cloudy conditions. Two 195' lgtd twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55° true). Will be lgtd upon completion. (3-24)
MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Control line not installed at CAA ILS Middle mrkr unmonitored. (6-20). FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador unlgtd. Tetrahedron inop. (5-12)
MONROE ARPK-Avail. days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
NEW ORLEANS NAS-Closed to all acft exceeding 9000 lbs. Avail. 0800 to sunset. Equip. on all rnwys. Fld on positive control. (5-18)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARFK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. Equip. on fld days. (5-13)

**MAINE: AROOSTOOK FLYING SERVICE (FT. FAIRFIELD)-ABANDONED (7-3) See page 17.
AUGUSTA-RADIO: Rng flgt-checked June 20, SE course displaced 3° SW, bear. 312°. Stn lctn mrkr has lobe in it-use with ctn.*(6-20)
AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
★DOW FLD (BANGOR)-RADIO: ILS discont as a CAA fac and oper turned over to AAF. Sys temp inop. FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Exten ngt flying opers every ngt from 2000 to 2300. P-47 type acft operating CFR stacked from 3000' to 10,000' all quadrants except S. Equip sides rnwy (7-2)
FARMINGTON ARPK-After hvy rain land to W side strip. (4-23)
LEWISTON-AUBURN ARPT (AUBURN)-Hvy acft use rnwys only-safety strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. rng monitor. sys temp inop. (5-26)
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
**NEWTON FLD (JACKMAN)-Formerly called Jackman Arpt (Jackman) (7-3) See page 17.
NORRIDGEWOCK ARPT-CLOSED-Use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). (4-29)
PRESQUE ISLE AAF-RADIO: Army HF/DF stn temp suspended. (5-16) Bndry mrkr of CAA ILS will be decomm soon. Effect July 15, VHF/DF stn will be inop for indef period. (6-30) FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for sched ATC flights. Svcg trans acft 0800 to 1700 only. (5-16)
SCARBORO ARPT-CLOSED (soft). (3-31)
**SNOWMAN'S ARPT (ASHLAND)-ABANDONED (7-3) See page 17.
**WESTON FLD (MADISON)-ABANDONED (7-2) Rec'd too late for inclusion in Directory
[redacted]:ANDREWS FLD (CAMP SPRINGS)-RADIO: Army ILS temp inop.
BALTIMORE-RADIO: Rng gnd-checked only. (6-23)
BALTIMORE ARPT-No crash equip. ngts. Use rnwys, taxiways only, other areas soft Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. Ltd 160' derrick at lat 39-14-15, long. 76-31-00. 45' lgtd mobile steel boom 1/2 mi from fld bndry and 600' N of approach to Rnwy 27. (6-30)
BALTIMORE SEAPLANE BASE-Rdo facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
BRANDYWINE-RADIO: About July 15, weather permitting, N and S courses will be realigned to: 168°, 348°. Quadrants will be reversed, "N" signal in NE quad. (7-8)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes Soft shoulders off rnwys. Avail. days only. (2-16)
FREDERICK CITY ARPT-CLOSED (water main running across arpt being removed). (5-22)
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-16)
KENT ARPT (WORTON)-Landing area under const. (3-17)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or lcl traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches adj Rnwy 9-27 mrkd. Equip. on fld. Obst SE end Rnwy 13-31 Ctn-land long on rnwy. (6-6)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000'. Approach from N only, flying a heading of 200° from Aberdeen to fld. Hvy traffic rnwys. Rnwy 4-22 closed. (5-20)
SALISBURY-RADIO: Commissioning of VHF rng indef. postponed. (5-6)
SALISBURY ARPT-Ctn advised using Rnwy 13-31. Use center rnwy only-rough area on S side rnwy 2000' from W end. Equip. on fld. (7-6)

MARYLAND: SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (BEACHVILLE)-Closed except on 24 hr notice.
MASSACHUSETTS: AGAWAM-Two searchlights being operated from Riverside Park dusk to midngt May 30 to Sept 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. CTC Westfield Rdo for lgts. 139' tank 5500' SW, lgtd-temp painted gray No ctc lgts.
BROCKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been estab. approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30 extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
**HYANNIS-Large over-water circular caution area has been estab. approx 5 mi S having a radius of 6 mi centered at lat 41-30-00, long. 70-15-00.
LA FLEUR ARPT (NORTHAMPTON)-Const. Grading 800' by 300' center of fld, mrkd. Equip. on fld. Closed ngts. (5-17)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS placed in cont oper June 10 for pilot training and familiarization purposes only. Lclzr lctd 950' NE of NE end of Rnwy 4-22 on extended centerline. Freq 110.3 mcs. Ident. "BOS" Glide path freq 335 mcs. Angle 2.5°, lctd 1000' NE of SW end of Rnwy 4-22 and 550' SE of rnwy centerline. Middle mrkr 1.40 mi from SW end Rnwy 4-22 on extended centerline keyed alt dots and dashes; outer mrkr lctd 5.67 mi from SW end of Rnwy 4-22 on extended centerline keyed two dashes. Outer compass lctr at outer mrkr site on 203 kcs, ident. "G". Comm date of this fac for regular oper indef, pending completion of const and removal of const equip. This corrects "Airgi", Vol 2, No. 7. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo, and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Priv or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Mgr and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. NE 100' Rnwy 7-25 unsafe Old Rnwy 15-33 closed except for taxiing. (5-26) 2 unlgtd 374' stacks lctd S Boston Base 7900' from S end Rnwy 4-22. ILS lclzr path lies within 1500' of stacks-ctn. New Rnwy 9-27 open to traffic sunrise to sunset during CFR weather only. (6-27)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT (BERKLEY)-Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true). (4-15)
ORANGE ARPT-High grass NW end fld. (5-17)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status - no facs).
**PILGRIM FLD (HATFIELD)-3.4 N. Formerly carried under Northampton. (12-11) See page 54
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
**PONTOOSUE LAKE SEAPLANE BASE (PITTSFIELD)-New Base. Lat 42-29-30, long. 73-14-19. (6-28)
PROVINCETOWN FLD-Closed to acft over 3200 lbs. (4-21)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
**SANDWICH-Large over-water circular caution area has been estab. approx 5 mi NE having a radius of 6 mi centered at lat 41-53-00, long. 70-22-00.
SPRINGFIELD ARPT-Lgts inop. (4-21)
SQUANTUM NAS-Equip. at bndry and on fld. Fld avail: 0800 to 30 mins prior to off. sunset Truck and two trailers 30' high on Rnwy 2-20, 150' S intersection Rnwys 14-32, 2-20, lgtd.
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)

[redacted]:Westfield-RADIO: Following repairs, courses aligned by gnd check only.(7-3)
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (CAA type) lclzr, Rnwy 24, unreliable. (4-23) HF/DF stn temp suspended. (5-22) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (SW course of Boston Rng and NE course Westover Rng). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach control. (2-19) Red bcn atop Mt. Nanatuck inop. (6-6)
[redacted]:ABRAMS ARPT (GRAND LEDGE)-Soft during wet weather-freshly seeded. (4-24)
ADRIAN CITY ARPT-SW corner fld unsafe for landings and take-offs. (4-28)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (5-23)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
BISHOP ARPT (FLINT)-Use rnwys only-soft. Unmrkd acft parked on fld within 500' of bldgs. (6-9)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of centerline of approach. (6-27)
CALVIN CAMPBELL MUN ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of runwys only. Soft spots and broken blacktop on NE/SW rnwy near intersection E/W rnwy. N/S rnwy avail. taxiing only. Equip. on fld days. Acft parked W side fld E of apron. (4-2)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
DR. HAINES FLYING FLD (THREE RIVERS)-Use strips only. (5-23)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
★FLINT-RADIO: Admi VHF voice fac avail. on 111.1 mcs. (6-24)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRIDLEY ARPT (YPSILANTI)-Strips reseeded, unusable when cross is displayed. Use E/W sod patch. (4-24)
GROSSE ISLE NAS (DETROIT)-Fld lgts on prior req.
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld indefinitely. (4-24)
KENT CO. ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs or over use rnwys only. Rot. bcn on Admin Bldg inop during twr const. (5-23)
LINDBERGH MUN ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (5-23)
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MOUNT PLEASANT ARPT-Sod strips soft during early spring months. (4-24)
MUSKEGON CO. ARPT-Use rnwys only-rough. (4-24)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Use NW/SE strip with ctn-sand surface. (4-24)
★PELLSTON-RADIO: VHF voice fac comm on 116.1 mcs. These data revd too late for inclusion on data page and chart. (7-2)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys. (3-21)
PLANE HAVEN ARPT (STANTON)-CLOSED. (5-23)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true), temp lgtd. Use strips only-soft when wet. Equip. on fld. (4-24)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
**SAULT STE MARIE-KINROSS ARPT (KINROSS)-Formerly Kinross Fld. (6-20) See page 16.
★SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army twr now transmits on 396 kcs, 126.18, 137.88 mcs. Army rng will be relctd soon. (5-20)
SKYHAVEN ARPT (SAGINAW)-CLOSED (const). (4-11)

[redacted]:STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (4-24)
TRAVERSE CITY ARPT-Use rnwys only. (6-9)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, soft after hvy rains. (4-15)
WASHTENAW ARPT (DEXTER)-Use rnwys only. Avail. days only. (2-20)
WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (4-7)
★ WILLOW RUN ARPT (YPSILANTI)-RADIO: Freq of middle compass lctr at middle mrkr site of CAA ILS changed to 323 kcs. (6-27) Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip. on fld. Trucks on NE/SW strip. Pilots must register with Ramp Control Supervisor on arvl and check out on dptr. Graduated scale of landing fees in effect for all revenue producing trans acft. (6-17)
[redacted]:AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
**BAUDETTE-Large danger area has been estab. approx 16 mi SSW within the following described area, : N by lat 48-30-00; E by long. 94-35-00; S by lat 48-08-00; W by long. 95-10-00.
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. Const. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
DULUTH ARPT-Use rnwys only. Ctn during ngt landings and take-offs- deer on fld.(7-3)
**FARIBAULT ARPT-1.6 mi S ABANDONED (7-3) Revd too late for inclusion in Directory and Flight Planning Chart. See page 13.
FLYING CLOUD ARPT (MINNEAPOLIS)-Strips leveled and seeded. E/W, NW/SE graded and seeded in spring. (12-11)
KENYON ARPT-N/S strip slopes to the N, NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-28)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
** OSSEO ARPT-ABANDONED. (6-19) See page 13.
PRINCETON ARPT-Use N/S strip only. (5-12)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-Use rnwys only. Bal fld planted in grain. (4-30)
UNIV. OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center - parked acft.
VIRGINIA ARPT-Rough. (4-1)
★WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-RADIO: Correct distance from middle mrkr to end of rnwy of CAA ILS is 0.70 mi. These data revd too late for data page. Lclzr and glide path gnd-checked only. (7-3) FLD: Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Hvy acft use rnwys, taxiways only-soft. (4-30)
[redacted]: BASS FLD (LULA)-Landing area rough. (11-15)
COLLIER FLD (DREW)-Ditch across strip. (7-2)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-28)
GRENADA ARPT-NE/SW rnwy closed. (6-28)
**GULFPORT ARPT, Mun-Formerly Gulfport Arpt #1 (6-23) See page 128. Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
**GULFPORT MUN ARPT OLD-Formerly Gulfport Arpt mun #2 (6-23) See page 128
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1-1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. (4-11)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only - drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-28)

MISSISSIPPI:KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Entire fld and surrounding obst unlgtd except rot. bcn., N/S rnwy lgts and a few lgts on the NE/SW rnwy. (5-26)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
McLAURIN ARPT-Unusable-strip washed out by rain. (4-29)
**NORTH JACKSON ARPK (JACKSON)-Lat 32-22-00, long. 90-07-30. (4-16) See page 114.
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)
TATE ARPT (LELAND)-Soft when wet. (4-24)
TUPELO ARPT-Equip. stakes on fld. (1-2)
YAZOO CITY CO. ARPT (YAZOO)-Use N/S strip only, **bal fld soft. (2-17)**
[redacted]: **ACE HIGH** ARPT (GALT)-Under const. Use **with ctn. N/S strip slopes badly to S.**
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches, **and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge** NE/SW **rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)**
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft **when wet. Traffic pattern 800' on down-wind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld. days. (5-5)**
HARRIS FLD (CAPE GIRARDEAU)-Ust strips only - parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
KANSAS CITY ARPT-RADIO: About July 20, outer mrkr and outer compass lctr will be inop for approx 2 weeks for relctn. (7-3) CAA ILS lclzr has low clearance spots or false courses 90° E of front course and 50° W of front course. Glide path and middle mrkr temp **unmonitored. (5-23) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of center line of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Bldg-ctn when parking acft this area. 13' lgtd structure lctd 75' W of center line at S end of N/S rnwy. Levee has been raised to 20' above fld level 200' off S end of N/S rnwy, unlgtd. Five 300' twrs being erected 14 mi NNE (22° true), temp obst lgtd. (5-28)**
KING ARPT (HOUSTON)-Staked for impending **const.** (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S **rnwy** (4-29)
★**LAMBERT FLD-ST. LOUIS** ARPT (ST. LOUIS)-RADIO: Glide path of CAA ILS comm June 25. Lctd 1484' SW from approach end of NE/SW rnwy. See pages 38 and 40. Lclzr and glide path flgt-checked. Middle mrkr temp unmonitored. About July 5, the outer mrkr **will be inop** for **about** 20 days for maj const. About July 15, the outer compass lctr will be **inop for about 7 days for** relctn. (6-30) FLD: Closed to non-rdo equipped acft. Soft off **rnwys-avail. lgt** acft. SW taxi strip closed. Apron NW corner fld and approach end Rnwy **7 closed.** Rnwy 16-34 closed. Rnwy 6-24 closed from W end thru intersection Rnwy 16-34. **4100'** Rnwy 6-24 avail. Equip. at intersection Rnwys 6-24, 16-34 days. Port. rnwy lgts on Rnwy 7-25. Const in progress on new rnwy 1500' SE of intersection Rnwys 6-24 and 16-34 **thru** intersection to approach end Rnwy 7. Trucks crossing approach end Rnwy 7 days. Const areas lgtd ngts. All Navy facs closed to all trans acft except off. orders and emerg less cross country training. (6-5) Closed until approx July 20 to all Army and National Guard acft not on off. bus. account const. (6-27)
MARSHALL INT, SITE 7, KC-LS-Deep ruts on N half N/S strip. (6-25)
MARYVILLE MUN. ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)
NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status - no facs).
ROLLA ARPT-Unsafe hvy acft (soft). (1-15)

MISSOURI:ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
SIKESTON ARPT-Use rnwys only-parked acft.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-S 1/3, N/S and E 1/3, E/W strips unsafe heavy acft (soft). (5-5)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)
MONTANA:BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
DEER LODGE ARPT-Bcn oper sunset to sunrise. (3-31) See page 5. Equip. on fld. Avail with ctn. (6-3)
★DILLON-RADIO: **VHF omni-directional rng comm for test purposes at lat 45-13-24, long. 112-36-42. No ident. Not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-29)**
★**GREAT FALLS-RADIO: VHF omni-directional rng comm for test purposes at lat 47-27-08, long. 111-24-40. No ident. Not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-28)**
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27).
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. Rnwy 2-20 being shortened to 6400'. SW 3000' will be discont. (6-29)
LIVINGSTON MUN ARPT, SITE 10, HL-TWIN CITIES-Formerly carried as Livingston Int. Fld, Site 10, HL-Twin Cities. See page 5. Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
MILDRED INT, Site 38, HL-TWIN CITIES-Bcn, bndry, obst lgts avail. sunset to sunrise. (5-7) See page 8.
MILES **CITY ARPT-Bndry lgts inop. NW and NE floodlgts inop. (5-7)**
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (3-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. **ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)**
★NEBRASKA **CHADRON-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. These** data **rcvd too late for data page. (7-3)**
CLAY CENTER ARPT-Use mrkd strips in wet weather, **all way in dry weather. (3-10)**
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys **only.** W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks **on** fld. (3-10)
FREMONT ARPT-Closed Sunday Aug 3, from 1000 to 1800 except last quarter of each hr when it will be open to trans traffic. Closed condition will be indicated by large white X or **the** large white word CLOSED during the first three quarters of each hr. Avoid race course pylons on or near fld. Sod areas freshly seeded-unsafe for landing or taxiing when wet. (7-2)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HARMON ARPT (KEARNEY)-Ctn in wet weather. (6-9)
HASTINGS ARPT-Use strips only -soft. (5-24)
★KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) Twr now guards 3105,4495,6210 kcs, 126.18 mcs. (7-3) These data rcvd too late for data page. FLD: No opers office. (3-24)
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg - stay clear of Airline traffic. (5-1)

[redacted]: McCOOK AAF-Obst lgts discont on 180' twr 2.9 mi SE NW/SE rnwy May 15.(6-26)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-6)
OMAHA ARPT-RADIO: Soon, lclzr and glide path of CAA ILS will be inop. When oper resumed voice and ident. features of lclzr will be inop. (6-18) FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SCOTTSBLUFF ARPT-Taxi strip in E end fld leading to NE/SW rnwy closed. (7-7) These data rcvd too late for ⓞ symbol.
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)
SIDNEY MUN. ARPT-Soft in wet weather. Equip. on fld. (6-18)
[redacted]: BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Use paved surfaces only-shoulders soft. Bndry lgts inop. (6-2)
BOULDER CITY ARPT-N edge of SW end NE/SW rnwy soft. Land near ctr of rnwy. (7-2)
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, marked. Avail. days only. (3-11)
GOODSPRINGS-RADIO: FM temp inop. (6-19)
HAWTHORNE ARPT-Traffic is 1500' outside of city mile square and 600' altitude. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS-RADIO: Mar. 3, VHF rng comm on test basis at lat 36-11-06, long. 115-05-48 Disregard spurious signals.
LAS VEGAS AAF-Bndry, rnwy range lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
TAHOE SKY HARBOR ARPT (GENOA)-Trans or inexperienced pilots avoid using. (8-5)
**VENTOSA INT, 48, SF-SL-ABANDONED (7-2). See page 24.
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)
[redacted]: BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind conditions. In calm air conditions, take-off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border fld. Bcn oper intermittently. (4-4)
BRATTLEBORO-HINSDALE ARPK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (6-5)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only)(5-6)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
[redacted]: ATLANTIC CITY-RADIO: VHF rng inop. (6-6)
ATLANTIC CITY NAS-RADIO: Navy GCA inop until approx July 15. (6-25) FLD: Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hr previous arrangement with Opers Officer. (12-11)
ATLANTIC OCEAN-Over-water bombing practice approx 40 mi off shore will be conducted at the following positions: lat 39-47-10, long. 73-26-00; lat 39-22-00, long. 73-25-00. This activity has not yet been cleared with Airspace Subcommittee.
CALDWELL-RADIO: VAR range will be comm soon at lat 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU"- Visual courses: 112°, 292°; aural courses: 22°, 202°. Var. 11° W. Class: VARW. (3-24)
★CALDWELL-WRIGHT ARPT-RADIO: Mun. twr freq changed to 260 kcs., 126.18 mcs. (6-21) FLD: Right traffic when taking off and landing from SW. (4-24)
CAPE MAY CGAS-Closed to trans acft except in emerg. (caretaker status-no facs)
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder strips in wet weather. (2-27)
LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16)
LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)
FORT DIX-SEE PAGE 175.

[redacted]: MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)
NEWARK-RADIO: SW course 2° SE, bear. 56°. (7-7) Too late for ⓞ symbol.
NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-23) FLD: To reduce acft noise over Newark residential area and avoid tall bldg section: (1) Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. (3) Make a half left turn as soon as practicable in take-off to W. (4) Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tanks lctd in Harrison when making a S approach to the N/S rnwy. (9-7) Closed to all acft without 2-way radio. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E on both sides of an parallel to red approach lgts and overrun on Rnwy 6 extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip and along E side of same for approx 1500'. Rnwy 1-19 closed. No maintenance facs mil acft. (6-30)
OCEAN COUNTY ARPT (BRETON WOODS)-Const NE/SW strip. (2-25)
REDBANK-Captive meteorological balloon vcnty of Redbank between 2100 and 0600 daily until Sept. 1. Balloon will be released only when the ceiling is 2000' and visibility 5 mi. or better. (7-2)
RED BANK ARPT-Area starting from hwy W 1200' to the intxn of the N/S strip unusable. Closed to acft over10,000 lbs except by prior fone arrangements. (6-5)
SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-18)
TARRYTOWN SEAPLANE BASE-Right traffic when landing and taking off during S winds. (6-25)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. 400' min. ceiling with 1 mi. visibility authorized for non-scheduled air carrier take-offs under IFR conditions. S taxi strip closed-const. Rnwy 6 closed to all trans acft-const. (6-16)
[redacted]: ALAMOGORDO AAF-RADIO: Army range inop. (6-6) FLD: Wind tee inop. Closed to all trans acft except on orders from CG, AAF; CG, AMC; or CG, SAC. Acft will not carry passengers not listed on orders to this fld. Opers and svcg avail 0730 to 1600 Mon thru Fri. only. (6-6)
ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)
CLOVIS AAF RADIO. Army rng, twr to be discont July 26. AACS air gnd stn will remain in oper. (5-27). Army twr opers in emerg only. (7-1) FLD: No opers office. Emerg landings only ngts. (5-21)
CONDRON FLD-See notice under White Sands Proving Ground, N.M.
CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)
GALLUP ARPT-E/W rnwy closed. (3-18)
GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)
HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri. to 0730 Mon. (3-12)
HOBBS MUN ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (4-5)
LAS VEGAS-RADIO: Soon, rng will be shut down days for installation of auto. rng monitor. sys. (6-3)
LAS VEGAS ARPT-Use rwys only, bal fld unsafe. (2-21)
LOS ALAMOS AIRFLD-CLOSED Landing permission must be obtained from the Area Manager, U.S. Atomic Energy Comm., Santa Fe Area, P.O. Box 1539, Santa Fe, N.M. (5-15)

[redacted]: LOVINGTON ARPT-Cattle on fld. (9-16)
MAGDALENA MUN ARPT Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
OTTO INT, SITE 74, LA-AQ-Unsafe lgt acft-rough. (6-18).
PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vcnty under IFR, contact Roswell Radio for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)
•TRACY FLD (CARLSBAD)-ABANDONED. (7-7). Rec'd too late for inclusion in Directory and Flight Planning Chart. See pages 104 and 120.
TULAROSA ARPT-Use E/W strip only. (9-16)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex., and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)
NEW YORK: AERO LAKE SEAPLANE BASE (KINGSTON)-Right traffic when wind from the N. (5-27)
ALBANY ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile grnd traffic. (6-22). FLD: Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-CLOSED (soft). (4-11)
BATH-H'SPORT ARPT (HAMMONDSPORT)-Right traffic for landings and take-offs to the W. Use strips only-newly seeded sod, slippery when wet. (6-23)
BENDER-BRENTWOOD FLD (BRENTWOOD)-Const on fld-ctn. (2-18)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO-RADIO: Auto. rng monitor. sys inop. (6-29) Rng fligt-checked May 30, NE course 4° NW, bear. 226°.
BUFFALO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-26) FLD: Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. (5-30)
CHEMUNG CO ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. (2-22)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)
COXSACKIE-RADIO: FM to be comm on S course of Albany, N.Y. rng, ident. 2 dots, 3 dashes. (7-1)
FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)
FLUSHING ARPT-Right traffic on N and NW, wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Safe for middle weight twin-engine acft. SE 700' NW/SE SW 300' NE/SW strips soft and rough. Dangerous areas mrkd. (7-7)
FULTON ARPK-Right traffic when landing S and SE. (3-31)
GLOVE CITY ARPT (GLOVERSVILLE)-CLOSED (deep mud)(4-10)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)
IDLEWILD-RADIO: Rng fligt-checked July 7, SW course 2° SE, bear. 40°. CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 8:30 to 5:00, Mon.-Fri. Serves Rnwy C (ENE/WSW), with approach from WSW. Mag. heading for landing: 72°. Lcizr freq 109.5 mcs., ident. "NY". Glide path freq. 332.6 mcs, angle: 2.6°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per second. All acft utilizing this installation must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt is under const and minimum alt. permitted during simulated approaches will be 200'. (4-11)
IDLEWILD ARPT-Not yet opened-const. (3-13)
ISLIP-RADIO: Comm. of VHF rng has been indefinitely postponed. (5-2)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON ARPT-Right traffic when wind from S. (5-27)
KINGSTON-ULSTER ARPT-ESE-WNW strip closed. (3-20)

[redacted]: LA GUARDIA FLD (NEW YORK)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-25) FLD: ARMY ACFT HAVING OFF BUS. WITH HQ ATLANTIC DIV ATC FT TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10 high, 40 long obst 190° N of NE/SW rnwy, lgtd. Obst lgts atop lcizr shack approach end Rnwy 22 and end Rnwy 4. 20 lgtd bldgs 300 E of NE end NE/SW rnwy. 40 GCA truck and trailer 500 W of intersection Rnwys 4-22 and 13-31, mrkd. 25 derrick operating in Bowery Bay vcnty of approach to Rnwy 9 until approx July 25, lgtd. (6-10)
Port of New York authority advises that no four-engine acft carrying passengers or cargo shall use Rnwy 18-36 for landings or take-offs. (6-5)
••MAC ARTHUR ARPT (ISLIP)-HI-intensity lgts lctd SW end NE/SW rnwy comm July 2, 1947. See page 70. (7-2) Rnwy 14-32 closed (cable being installed). Acft use ctn-unconventional fligt test oper. Equip. on fld days. (7-7)
MASSENA-RADIO: VHF range unmonitored. (7-7)
MASSENA-156 twr Rdo Stn WMSA lctd 3 mi SW (232° true) temp lgtd with red lgts on top. Upon completion lgtg facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level.
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
MITCHEL FLD (HEMPSTEAD)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (4-25)
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)
NASSAU ARPT (HEMSPTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK ARPT CLOSED (3-10)
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Fligt, New York Metropolitan Area", see Special Notice, page 152.
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS N.Y. will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat. 40-36, long. 73-15; to lat. 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat. 40-00, long. 73-15; thence to point of beginning. (2-6)THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-All aircraft operating in the vicinity of Upper Manhattan, New York City, New York, avoid flying over or near Lewisohn Stadium, 137th and Amsterdam Ave., between the hrs of 2000 and 2300, June 16 to Aug. 9. Lctn just E of the Hudson River Midway between the NW corner of Central Park, and the E end of the George Washington Bridge. (6-20)
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod) Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2100 to 0700. (6-16)
NYACK SEAPLANE BASE-Right traffic on N take-offs. (6-25)
OLEAN AIRPORT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)
PENN YAN ARPT-Ctn at N/S and E/W intxn. Soft in wet weather. (3-4)
RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather. (3-27)
ROCHESTER ARPT-Use rnwys only-soft. No hangar space. Equip. on fld days. (2-24)
ROCKLAND ARPT (NEW CITY)-50' unlgtd pole immediate vcnty of arpt. (6-5)
ROME AAF-Traffic alt 1500' MSL Right traffic pattern Rnwys 6,33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)
ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)
RYE-RADIO: MH fac placed in oper for test purposes only at lat 40-58-28, long. 73-43-11 12.6 mi from La Guardia Rng Stn on the NE leg. Freq. 254 kcs. Ident. "RYE". Class: MH. (6-25). Disregard signals from this fac.

ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100, for each violation. Closed to heavy acft.
SALAMANCA ARPT-Right traffic when taking off and landing into the W. (5-7)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
**SCENICAIRE PARK (GENEVA)-Correct location: lat. 42-48-30, long. 76-59-30. See page 52.
SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)
SCHOHARIE CO ARPT (RICHMONDVILLE)-Right traffic when landing to the E. 800' mtn directly N of fld. (5-8)
SCOTT FLD (LANCASTER)-CLOSED (6-6)
SHAWNEE FLYING SERVICE (NORTH TONAWANDA)-Glider activity, including airplane and auto tow in progress during the summer and autumn months. (6-12)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail. with ctn.(2-21)
SILVER CREEK ARPT-CLOSED (const)(6-12)
SMITHPORT INC. (UTICA)-Use paved rnwy only. (5-9)
STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR. (4-4)
SYRACUSE MUN ARPT-Turf areas soft after heavy rains. (6-13)
SYRACUSE ARPT-About Sept 1, approach lgt lane will be comm E end E/W rnwy. (7-3)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)
TROY ARPT-Bcn inop. (10-10)
UTICA ARPT-Pipe line installations NE side of fld, mrkd. Equip. on fld days. (6-19)
VALLEY AIR PARK (MIDDLEBURG)-Fld soft. Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (3-17)
WALLINGTON ARPT (SODUS)-Wires S end N/S strip, orchard N end. Equip. on fld. Avail. lgt acft only. Ctn when wet. Avail. days only. (5-29)
WARREN CO ARPT (GLENS FALLS)-Equip on fld intermittently days. (5-27)
WATERTOWN-RADIO: VHF range unmonitored. (7-7)
WERLE FLD (DUNKIRK)-Scattered ruts on fld, mrkd. (6-19)
WESTCHESTER ARPT INC. (ARMONK)-Const, tree removal equip. trucks on fld. (4-15)
★WESTCHESTER CO ARPT (WHITE PLAINS)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (6-6)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 jets are flying from Republic Field. (5-8)
[redacted] ASHBORO ARPT-220' twr Rdo Stn WGWR being erected 6.5 mi NNE (13° true), temp obst lgtd. (5-14)
ASHEVILLE-RADIO: Ctn - VHF rng unmonitored. Unattended and should not be used for navigational purposes.
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip. on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status-no facs)
BALLOON FIELD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No Army maintenance.
BOGUE MCAAF-Use in emerg only (caretaker status-no facs)(4-16)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAMP LE JEUNE-Camp Davis-Cherry Point-Strafing, bombing and guided missiles range has been redefined within the following described area: beginning at lat 34-42-00, long. 76-46-00; SE to lat. 34-25-00, long. 76-35-00; S to lat. 34-15-45, long. 76-36-00; SW to lat. 33-50-00, long. 77-30-00; NW to lat. 34-15-39, long. 77-46-18; NE to lat. 34-37-00, long. 77-29-00, NW to lat. 34-42-00, long- 77-23-40; thence to point of beginning.
CAP AIRPORT - (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const. (2-10)
EDENTON NAS-Use in emerg only (caretaker status-no facs)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. Rnwy 5-23 closed. Equip. on fld. (6-13)
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area Chart 95 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld. Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
GREENSBORO-HIGH POINT ARPT-Use rnwys only. (6-26)
HICKORY-RADIO: Ctn-VHF range unmonitored, unattended and should not be used for navigational purposes.
KINSTON ARPT-Avail. civil acft only in emerg. (11-13)
NEW BERN-RADIO: Visual-aural VHF rng completely shut down May 1, for freq. change. (5-22)
POPE FLD (FT BRAGG)-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) Army rng unreliable; all courses swinging and NW and SE courses too wide on on-course signal. (5-12) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX FLD 2 MI S, AT FT BRAGG. 73 oct. avail. that fld. (1-31)
★RALEIGH-DURHAM ARPT-RADIO: July 2, CAA twr freq changed to 266 kcs., 128.18 and 118.3 mcs. FLD: ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obst mrkd. Use rnwys, taxi strips only. Tetrahedron uncontrollable-free swinging. (6-21)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: Ctn-VHF rng not monitored, unattended and should not be used for navigational purposes.
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-N/S rnwy lgts very dim. E/W rnwy under const-closed. (6-4)
**STATESVILLE ARPT-Correct lat 35-45-45, long. 80-57-00. 3.6 WSW. (6-24). See pages 92 and 94.
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 to 1630, all other times by prior arrangement with the CO or Operations Officer. (2-27)
WILMINGTON-RADIO: Ctn-VHF rng not monitored, unattended and should not be used for navigational purposes.
★WINSTON-SALEM-RADIO: Rng stn converted to a type SMRLWZ. (7-2). Voice fac will be added at a later date.
[redacted] BISMARCK-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-18)
BISMARCK ARPT-Usernwys only. Crash and fire fighting equip. avail. 0800 to 1600 only. 12' bldg and trenching opers in vcnty SE end NW/SE rnwy, mrkd. Equip. on fld intermittently. (5-14)
CHANDLER ARPT (WILLISTON)-Use strips only, bal fld rough. (5-10)
DAWSON INT. SITE 63, HL-TWIN CITIES-CLOSED (water, mud on fld) (3-24)
FARGO ARPT-HECTOR FLD-Weather below CFR minimums indicated by oper of bcn days and flash. tetrahedron lgts ngts. (6-18)
GRAND FORKS ARPT-Thirty 50' tanks adj to NE corner fld, temp lgtd. Use rnwys only, soft shoulders. (5-6)
PEMBINA INT, SITE 14A, FO-WG-Closed to acft over 5000 lbs. Use rnwys only. (6-4)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Equip. W end of taxi strip. (7-3)
[redacted] AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg. on arvl and dptr. Ltd svcg facs only. (5-1)
AKRON-CANTON ARPT-CO FLD (CANTON)-Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W, and SW. (3-1)
BROOKLYN ARPT (CLEVELAND)-Trans acft land at own risk. (2-22)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW runwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT Use rnwys only. Soft in spring rainy season. (5-13)

[redacted]: CINCINNATI ARPT, INC (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND-RADIO: VHF omni-directional rng comm without voice. Oper cont. Lctd at lat 41-27-00, long. 81-58-17. Freq. 113.9 mcs. Ident. "CV". Class: VORW. CTN-UNMONITORED;
CLEVELAND ARPT-Trans pilots must register in Term. Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. (6-23)
★CLINTON CO AAF (WILMINGTON)-RADIO: Army twr now transmits on 272 kcs, 126.18, 137.88 mcs. (6-30) FLD: Rnwy lgts avail. on 1 hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC center upon entering or prior to dptr from ATC area. Inten inst train. being conducted, for danger area outline see Chart Columbus 63. Balloon 6' diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)
DAYTON ARPT-RADIO: CAA ILS shut down to add voice and ident to lclzr. When oper resumes sys will consist of lclzr, glide path middle mrkr and compass lctrs. (6-11) FLD: Sod area W Rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. (5-10)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT-Rough-land with ctn. Soft in wet weather. (5-13)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30) FLD: Equip. all rnwys 0800 to 1700 Mon to Sat until Aug. 31. (6-4)
LORAIN SKYPORT-Trans acft avoid fld in wet weather. (5-13)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24 (3-28)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-28)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S,SW and W.
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE. (3-3)
PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) inop. (6-2) FLD: Equip. on fld. Line of telephone poles 50' high near approach Rnwy 34, lgtd. Rnwys 3-21, 7-25 clsd. 16-34 only avail. (4-21)
PAULDING ARPT-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS-NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (5-22) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obstn in approach lane. 30' port twr on Curtiss Wright taxi strip W side fld 800' from E/W rnwy and 800' from NW/SE rnwy until approx Oct 7 between 0800 and 1700. No fugl for trans mil.acft. (7-3)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Acft use ctn in wet weather. (5-13)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
STOUT FLD (MORTH KINGSVILLE)-E/W strip closed. (6-1)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left traffic 800' pattern. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots must register in Opers Office upon arvl and prior to dptr. (5-18)
TOLEDO-RADIO: Ctn - VORW RANGE UNMONITORED.
TOLEDO ARPT-Equip. on fld 1500' S intxn. Wind tee free swinging. All sod landings parallel to active rnwy. About July 15, bndry lgts on E,W, and S sides of fld will be discont.

[redacted]: VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during thaws. (3-2)
WELLINGTON-RADIO: VARW rng unmonitored, and without automatic standby equip.
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON) - CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN-RADIO: CTN-VORW RANGE UNMONITORED.
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. (6-24)
[redacted]: ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress Use rnwys only. (5-27)
CADDO FLYING SERVICE (FT COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overnight sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime markings center of each strip. (3-17)
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
GAGE-RADIO: Soon, weather permitting, rng will be shut down days for installation of auto. rng monitor. sys. (6-3)
••GRANDFIELD MUN-Formerly carried as Grandfield #3. Lat 34-14-15 long. 98-44-30. (11-6). See page 84.
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
OKLAHOMA CITY-RADIO: About July 22, rng and voice commun will be shut down for modernization. (7-7). Too late for ⓞ symbol.
★PHILLIPS FLD (BARTLESVILLE)-RADIO: Mun twr freq changed to 388 kcs. (6-24)
POST FLD (FT SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const. equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn - VHF rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT #1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160°true). (2-20)
TINKER FLD (OKLA CITY)-RADIO: Army rng reliable for homing only. (6-11) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. 6' obstn N end N/S rnwy 100' off center. (6-11)
★TULSA ARPT-RADIO: Glide path of CAA ILS recomm and monitored. Relctd to 900' from S end of N/S rnwy 400' from centerline of N/S rnwy. (6-30) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-28)
WILL ROGERS FLD (OKLA CITY)-RADIO: About July 15, lclzr and glide path of CAA ILS will be shut down for approx 3 days for installation of compass lctrs. (6-24). FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)
[redacted]: BAKER-RADIO: Following repairs, rng aligned by gnd check only. (7-3)
BAKER AIRPORT-Use rnwys only. (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
COASTWAY SCHOOL OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
★EUGENE-RADIO: VHF omni-directional rng comm for test purposes at lat 44-11-25, long. 123-13-08, 4.4 mi N of Mahlon Sweet Arpt. Freq. 112.9 mcs. No ident. Class: VORW Not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-27)

OREGON: GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade.(6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (5-2)
MEDFORD ARPT-RADIO: Oper of AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts. No maintenance mil.acft. (3-12)
ONTARIO-RADIO: 122.1 mc rcvr temp inop. (6-10)
PENDLETON-High explosive demolition being conducted approx 30 mi NW within the following described area: beginning at a pt. 1 mi W of the Union Pacific RR crossing over the Umatilla river 4.5 mi SW of Hermiston, thence 5.25 mi N, thence 6.5 mi W, thence S to an intersection with the Union Pacific RR at a pt. 6.5 WNW of pt. of beginning.
PILOT ROCK ARPT-Usable lgt acft. (5-2)
★PORTLAND-RADIO: VHF omni-directional rng comm for test purposes at lat 45-32-18, long. 122-54-15, 1.8 mi E of Hillsboro Arpt. Freq. 117.9 mcs. No ident. Class: VORW. Not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-29)
PORTLAND ARPT-RADIO: Glide path of CAA ILS flgt-checked, oper normal. (6-19) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-24) FLD: Acft landing this fld must have workable 2-way rdo. (5-20)
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S take-offs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED. (6-14)
THE DALLES ARPT-NE/SW rnwy unlgtd. Rnwy 2-20 closed. (6-12)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)
**[redacted] ALBERT ARPT (PHILIPSBURG)-5.5 NW; rd N. Formerly carried as Albert Arpt (Wallaceton) 3 ENE; rd N (6-25) See page 50
ALLEGHENY CO. ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17) FLD: N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo-equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd. Flash. ident. bcn inop. Exten repairs on all rnwys and taxi strips, mrkd. (5-28)
ALLENTOWN-RADIO: VHF range to be decomm about July 10.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180° true) (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED. (const). (12-18)
BEAVER FALLS-Patterson Heights Arpt-1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
**BETHELEM-Caution area has been estab. approx. 6 mi SE within the following described area: beginning at lat. 40-35-30, long 75-17-00; E to lat. 40-31-30, long. 74-51-00; SW to lat. 40-16-30, long. 75-15-00; N to pt. of beginning.
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2).
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
**BLUE SWAN ARPT (SAYRE)-Formerly carried as Valley Arpt. See page 52.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11).
CECIL-RADIO: Visual and aural FM signals reported in vcnty of Imperial, Penn. (6-15)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to the E, NE and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10).
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EMLENTON ARPT-CLOSED. (3-28).
EMMAUS ARPT-Correct lat 40-32-00, long 75-31-15. See page 66.

PENNSYLVANIA
GREATER PITTSBURGH ARPT (PITTSBURGH)-First 500' Rnwy 23 and first 600' Rnwy 14 closed. Ltd transportation. (6-2).
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21).
HARRISBURG STATE ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-19). FLD: Use rnwys only. (3-12).
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10).
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only. (3-13).
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12).
LANSDALE ARPT-Right traffic when taking off to the E. (5-7).
MIFFLIN CO. ARPT (REEDSVILLE)-NW/SE strip under const. (5-21).
MILLARD ARPT (ANNVILLE)-Sod area soft-use strips only. (5-12).
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24).
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13).
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. Rnwy 14-32 closed 1500 to 1930 for evaluation tests. (6-20).
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29, 14. Lgtd obsts between Rnwys 29, 32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use rnwys 11, 32 for ngt landings. Closed to P-80 oper except in emerg. (7-2).
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin Bldg on arvl and dptr. (5-16).
PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-14). FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. Unlgtd poles approx 20' high across approach to Rnwy 9 approx 1200' W of approach end of rnwy. Other unlgtd poles 45' high in const area W and NW of arpt-clear of approaches. (6-4).
★PITTSBURGH-RADIO: D/F stn rcvs on the following freqs: 3105,4122.5,4495,4937.5,5572.5, 5612.5,5697.5,6210 kcs. All data are relayed thru Pittsburgh Commun. Stn. Cont oper but bearings on req only. Pilot calls Pittsburgh Rdo and requests DF assistance. Acft communicator will then advise pilot of mag. bear. towards the stn and intervals for making calls. (7-3).
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14).
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14).
★PORT ERIE ARPT (ERIE)-RADIO: CAA ILS comm without voice June 20, serving the NE/SW rnwy. Approach bear. 60°. Lclzr lctd at lat 42-05-03, long 80-10-15. Glide path lctd 260' SE of centerline of NE/SW rnwy, 700' from SW end NE/SW rnwy at lat 42-04-35, long 80-11-00. Angle: 3°. Middle mrkr lctd at lat 42-04-18, long 80-11-42; outer mrkr at lat 42-02-18, long 80-15-15. Entire ILS controlled from Erie Commun Stn. Var 6°W See page 50.
QUAKERTOWN ARPT-Exten training 5 mi radius. (6-9)
★READING ARPT-RADIO: CAA ILS without voice placed in oper between the hrs 0800 and 2400, serving the N/S rnwy. Var. 9°W. Lclzr lctd 427' from N end of N/S rnwy, lat 40-23-09, long 75-57-47. Elev. 273' MSL. Glide path lctd 400' E of centerline of N/S rnwy and 800' from S end of N/S rnwy, at lat 40-22-24, long 75-57-34. Elev. 332' MSL. Glide path angle: 2.8°. Middle mrkr lctd at lat 40-22-23, long 75-57-31, elev. 278' MSL. Outer mrkr lctd at lat 40-18-24, long 75-56-55, elev. 229' MSL. (6-30). Twr in oper on 281 kcs for AAF REserve and NG train. only with no sched. hrs of oper. (6-24). FLD: Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. (6-20).
STAR VALLEY ARPK (CHARLEROI)-Equip. on fld intermittently. Ctn in wet weather. (4-1)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings.(4-8)
VALLEY FORGE AIRPORT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const Use take-offs to and landings from E or NE use right traffic tang; on W or SW use left traffic. (3-13)

[redacted]: WEST CHESTER ARPT-Strips under const. Right traffic on W and N take-offs. (6-3)
WILKES-BARRE-SCRANTON ARPT-Use rnwys only. (6-4).
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)
WILLIAMSPORT ARPT-Closed ngts. $R_n$wy lgts avail. for emerg landings or by prior req. Const S side fld, mrkd. (5-23).
WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14).
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26).
[redacted]: BERKELEY ARPT-Right traffic for landings and take-offs to the S. (6-23).
CHARLESTOWN NAAS-Closed 1800 to 0700. Flgts desiring landings during closed hrs must notify stn 1 hr prior ETA. Rnwy 22 closed due to resurfacing. Rn wy 35 reduced in length to 4400'; Rnwy 30 reduced in length to 3750'. Parking space for overngt acft not avail. (7-7).
GREENE ARPT (PROVIDENCE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-7). FLD: Soft spot on turf area S of rnwy intersection, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (5-8).
••NEWPORT-Large over-water circular caution area has been estab. approx. 9 mi SE having a radius of 6 mi centered at lat. 41-21-30, long 71-04-30.
PROVIDENCE-RADIO: Ctn - VHF rng unmonitored. (5-21).
••WESTERLY-Large over-water circular caution area has been estab. approx. 6 mi SSE having a radius of 6 mi centered at lat. 41-12-12, long 71-46-12.
[redacted]: CLARK FLD (CHARLESTON)-Strips rough. (4-28).
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25).
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). (6-30).
GEORGETOWN CO. ARPT-Bcn inop. (4-28).
GREENVILLE AAB-RADIO: Army emerg bcn placed in oper on 1742 kcs. Bcn is jeep-mounted and will be placed at approach end of active rnwy upon req to twr, 24 hrs daily. Ident consists only of series of dots followed by 2 long dashes and then repeats. No voice modulation avail. Pwr is 5 watts with rng limited to 15 mi. (5-23). FLD: Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (7-2).
••HAWTHORNE ARPT (ORANGEBURG)-ABANDONED (6-30) See page 118.
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 N. (3-21).
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop (4-24). FLD: Control of air traffic discont. Bndry lgts inop. 1 range lgt SW end NE/SW rnwy inop. E/W rnwy lgts very dim.
MEMORIAL ARPT (SPARTANBURG)-Use rnwys, taxi strips only. (5-1).
MYRTLE BEACH-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (6-9)
OWENS FLD (COLUMBIA)-Use rnwys only. Req pilots avoid pivoting acft on Nw end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. Taxi strip between NE/SW and E/W rnwys unlgtd. (6-26).
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area. No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28).
[redacted]: ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27).
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only.(3-27)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with caution.(3-27);
GERONIMO ARPT-Rough and dangerous-unattended. (5-20)
★PIERRE-RADIO: Stn now gds 3105.4495,6210,3117.5 kcs, 1161,122.1 mcs. These data inadvertently omitted from data page.
RAPID CITY AAB-Equip. 300' S of E/W rnwy to 700' W of N/S rnwy; equip. lgtd. E/W rnwy closed. (6-4).
SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of Center of NE/SW rnwy, mrkd. (4-8)
WATERTOWN-RADIO: 122.1 mc rcvr temp inop. (5-6).
W.W.HOWES ARPT (HURON)-Closed to acft exceeding 25,500 lbs. Use black-top rnwys only. Stakes on grass areas. (6-4)
[redacted]: BERRY FLD (NASHVILLE)-RADIO: CAA ILS operating without voice. FLD: Use rnwys only- rnwy, taxiway shoulders soft. (1-13).

[redacted]: CHATTANOOGA ARPT-LOVELL FLD-RADIO: 126.18 mc transmitter and rcvr at CAA twr temp inop. (5-8).FLD: Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° side from 800'. (5-7)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
KINGSTON-RADIO: FM on W course of Knoxville rng will be shut down about July 10 until about Aug 10, for relctn to lat 35-47-30, long 84-36-25. (7-3).
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26).
McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area on edge of ramp NE of Admin Bldg. (3-13)
McKELLAR AIRPORT (JACKSON)-Use rnwys only - parked acft.
MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type acft Thursdays 1930C to 2230C until further; notice. This activity has not yet been cleared with the Airspace Subcommittee.
MEMPHIS ARPT-RADIO: Traffic will be controlled from twr on N side of fld when wind velocity is 45 mph or less, during periods when wind velocity at Memphis is in excess of 45 mph twr and approach control will be inop on N side of fld. At such time, traffic will be controlled by lgt gun signal from old twr atop term bldg on S side of fld. (7-2). Middle and outer compass lctrs of CAA ILS temp inop. (6-19). FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way rdo transmitting on 3105, 4495,6210 kcs or 122.5 mcs. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted Ltd facs. No 91 oct. Traffic controlled from twr N side fld when wind velocity is 45 mph or less. When wind velocity in excess of 45 mph, traffic will be controlled by lgt gun signal from old twr atop terminal bldg S side arpt. (7-2)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24).
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27000 lbs. (5-10)
★NASHVILLE-RADIO: Auto! rng monitor. sys comm. (6-27)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13).
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7) FLD: Temp inactive - no facs. (6-8).
STEWART FLD (UNION CITY)-Use rnwys only - parked acft.
TRI CITY ARPT (BRISTOL)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only - rough. Soft when wet. (4-8)
[redacted]: ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700. About July 15, Phantom Hill approach FM will be comm on the N course at lat 32-36-36, long 99-39-00, about 9.4 mi from rng stn. Bone shaped, ident. one dash. (7-3)
ABILENE AIR TERMINAL-E/W rnwy avail, only on permission of control twr. (3-13)
ALAMO-RADIO: About July 15, Cibolo Creek approach FM will be comm on the N course of Alamo rng at lat 29-42-53, long 98-27-05, 9.5 mi from rng stn. Pattern elliptical, ident. one dash. Spring Branch FM will be decomm.

[redacted]: ALICE-RADIO: About July 9, N and S courses will be realigned to 153° and 333° respectively. (6-18)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. Bcn inop. (6-16)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe. NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN. ARPT-Cattle on fld. (11-15)
★AUSTIN-RADIO: Courses gnd-checked only. Stn gds 3117.5 kcs 2300 to 0700. July 8, NE,SW courses realigned to 216° and 36° respectively. Too late for charts.
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
BERGSTROM FLD (AUSTIN)-RADIO: Army ILS temp inop. (3-7) FLD: NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N.M. (12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27) Auto. rng monitor. sys installed, but not comm. Rng flgt-checked, courses correctly aligned.
BROWNSVILLE-RADIO: Soon N course will be realigned to 153°. (6-18). Following realignment "A" and "N" quadrants will be reversed. Commun stn guards 3117.5 kcs during hrs 2400 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn - VHF rng unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28° true (2-3)
CLEVELAND-RADIO: Ctn - VHF rng unmonitored. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only. Farming opers in progress 200' E of N/S rnwy and 200' S of E/W rnwy. (6-12)
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273° true). Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123° true). (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700.(2-25)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Municipal twr comm. Operates 1230 to 2130, daily except Weds. Lgt gun oper only. (5-23). FLD: Traffic left 600'. Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. Use rnwys only-farming opers. (6-16)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
**CURTIS FLD (BRADY)-Rot. bcn, bndry, obst lgts and rnwy mrkrs operating cont. (10-31) See pages 106,120,124.
DALLAS-Extensive night flying by small aircraft up to 1000' in vicinity of Hudson Arpt (approx. 6 mi NE Love Arpt). This activity has not yet been cleared with the Airspace Subcommittee.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196° true). (2-25)
ECTOR CO. ARPT (ODESSA) All rnwys and taxi strips closed except last half of E/W rnwy and all of NW/SE rnwy and taxi strip leading from ramp area N. Closed ngts. (6-23)
EGYPT, BCN SITE 13, ZN-HU-Temp inop. (5-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
★ELLINGTON FLD (HOUSTON)-RADIO: Air/gnd stn oper on 4765 kcs in addition to freqs previously published. (6-26) FLD: Closed to VHB acft except in emerg. Exten Reserve training daily until 1900 Tues and Weds until 2200 under CFR. (6-3)
EL PASO MUN. ARPT-ED ANDERSON FLD-RADIO: June 17, outer mrkr of CAA ILS shut down for installation of compass lctr. (6-17)
ENGLISH FLD (AMARILLO)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (4-5)

[redacted]: FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop. (5-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)
FORNEY-RADIO: FM on E course of Dallas rng inop. (5-23)
FORT WORTH AAF-40' trees immediate end Rnwy 35L. (6-12)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
★GRAUWYLER PARK-RADIO: July 2, MHW fac decomm.
GUTHRIE-RADIO: Ctn - VHF rng unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
**HAMILTON FLD (BIG SPRING)-Formerly carried as U & S Flying Service (Big Spring) (6-19). See pages 106 and 120.
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HITCHCOCK NAF-LTA-RADIO: 6390 kc transmitter and revr temp inop. (3-12)
★HOUSTON-RADIO: Auto. rng monitor. sys comm June 30. Courses gnd-checked. Soon, outer mrkr of CAA ILS will be shut down for installation of compass lctr. (6-13) FLD: Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)
INTERNATIONAL ARPT (BROWNSVILLE)-Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). Six 40' antenna poles 1/4 mi S and 500 yds E of W side fld, lgtd. (6-5).
JEFFERSON CO. ARPT (BEAUMONT)-Rnwy ctc lgts operated on req only. Reqs should be made thru arpt manager or Beaumont Rdo. (6-10)
JOAQUIN-RADIO: Ctn - VHF rng unmonitored. (4-10)
★JUNCTION-RADIO: VHF rng without voice flgt-checked and comm on cont oper June 27, at lat 30-38-00, long. 99-58-43. Freq. 108.7 mcs. Ident. "JT". Visual courses: 128°, 308°; aural courses: 38°, 218°. Ctn - rng unmonitored. Class: VARW. Yellow sector in NE, blue sector in SW. "N" in NW, "A" in SE. Var. 10° E.
KELLY FLD (SAN ANTONIO)-RADIO: AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop. (5-12)
LAREDO-RADIO: Stn lctn mrkr oper erratic. (6-18)
**LAREDO MUN. ARPT Three 50' antenna poles lctd at old control quarters S end of fld perm removed. (5-30) Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. Tetrahedron free swinging and will be lgtd upon rdo req. (6-11)
LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (9-18)
★LOVE FLD (DALLAS)-RADIO: July 2, outer compass lctr of CAA ILS comm and flgt-checked, oper normal. See pages 108,110. Outer mrkr flgt-checked June 26, oper normal.
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317° true), lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7) FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true) temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 285' twr rdo stn KCNC being erected 5 mi SE

[redacted]: (135° true). Taxi strip leading to Rnwy 17 under const. (6-2)
★MERCEDES-RADIO: FM decomm July 3.
MIDLAND ARPT NO. 2-Avail. to trans acft 0800 to 2000 Mon thru Fri only until thru July 5. (6-25)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
NIXON, BCN SITE 4, ZN-HI-Temp inop. (5-12)
★ODEM-RADIO: Approach control, elliptical shaped FM comm and flgt-checked July 1, on the NW course of Corpus Christi rng at lat 27-56-42, long. 97-34-12.
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36, 7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. Rnwy 1-19 unsafe for acft over 10,000 lbs. (6-5)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
ROBERT MUELLER ARPT (AUSTIN)-RADIO: Soon, CAA ILS will be comm serving NW/SE rnwy with approach from SE. Voice equipped lclzr will oper on 109.5 mcs. Ident. "AUS". Transmitter will be lctd 900' NW of NW end of NW/SE rnwy on rnwy centerline extended. Glide path will oper on 332.6 mcs, transmitter lctn 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy. Middle mrkr will be lctd 3636' SE of the SE end of the NW/SE rnwy and 50' SW of the rnwy centerline extended, keying alt dots and dashes; outer mrkr will be lctd 6.12 mi SE of the SE end of the NW/SE rnwy on the rnwy centerline extended, keying two dashes per sec. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)
ROCKPORT ARPT-Closed except in emerg. Fire and crash equip. removed. (3-17)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO-RADIO: About July 15, NE and SE courses of Kelly Rng will be realigned to 195° and 318°. (7-1)
SAN ANTONIO ARPT-ALAMO FLD-Acft arriving after dark rqrd to have two-way rdo. (2-27)
SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-RADIO: Twr will be recomm on temp basis July 4 to 20th inclusive during 14th annual national soaring meet. Will transmit on 278 kcs., 118.5 mcs. Rcv on 3105,4495,6210,3117.5 kcs., 122.5, mcs. (7-2). FLD: Unlgtd N/S rnwy on W side fld rstd to acft of 450 HP or less. Left traffic on all rnwys, entering at 45° down-wind leg at 800'! Intermittent glider activity on fld and in venty. The 14th annual national soaring meet will be conducted July 4 thru the 20th. Glider activity presently in progress will increase as date of meet approaches. (5-28)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation, no housing, messing facs. Closed to all acft except on off. bus. or emerg. (6-23)
SPRING BRANCH-RADIO: About July 15, FM on N course of Alamo rng will be decomm (7-3)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)

[redacted]: TEXARKANA-Demolition operations are being conducted approx 15 mi WSW Texarkana.Arpt, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true) (4-22)
**VERNON ARPT, SITE 15, AQ-FV-Formerly Vernon Arpt. 36" rpm bcn, alternating clear and green flashes, and contact lgts on NE/SW rnwy avail. See page 84.
**VERNON INT, SITE 15, AQ-FV-ABANDONED. (6-30). See page 84.
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)
WHITE FLD (BRADY)-CLOSED. (8-7)
WHITE ROCK ARPT (DALLAS)-520' twr Rdo Stn KDXL-FM being erected 2.2 mi SW (232° true). (6-9)
WINK-RADIO: June 26, rng shut down days for installation of auto. rng monitor sys. (6-26)
WINK ARPT-Rnwy lgts inop. (4-26)
WOLFE CITY ARPT-Use in emerg only. (2-25)
YATES-RADIO: About July 15, MHW fac will be comm on N course of Alamo rng, 5.36 mi N of rng stn at lat 29-37-42, long. 98-27-48. Freq. 245 kcs. Ident. "O". (7-3)
[redacted]: DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-CLOSED (rough, soft). (5-29)
HANKSVILLE INT, SITE 54, LA DV-35' unlgtd pole line 600' S of E portion E/W rnwy.(5-10
HURRICANE ARPT-Soft when wet. (4-3)
MILFORD-RADIO: Soon, CAA Commun Stn will be moved to new quarters at Milford Arpt. Stn class will be changed to: BMRLZ-DT. Anticipate approx 36 hrs shut down of voice communs and rdo rcvg facs during move. (6-11)
MILFORD ARPT, SITE 45, LA-SF-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Rndry lgts temp discont. Course lgts changed to clear. Dirt areas soft. Three 25' poles erected N side of new const on E side fld. (7-8)
PROVO ARPT-NNE/SSW, NW/SE rnwys avail. all acft days. ENE/WSW rnwy closed. Equip. on ends of rnwys intermittently. (5-12)
★ROBERT H. HINCKLEY FLD (OGDEN)-RADIO: Priv twr now opers 1130 to 2130 Mon, Tues; 0830 to 2130 Wed thru Sun. (7-8). These data revd too late for inclusion on data page. FLD: NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Use rnwys, taxi strips only during wet weather account shoulders soft. Right traffic when winds are from S, SE, E. Prevailing wind rnwy lgts operating ngts. (6-18)
THOMPSON, BCN SITE 60, LA-DV-About July 10, new bcn site will be comm 8 mi SW of Thompson, Utah at lat 38-53-45, long. 109-48-30. (6-25)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)
WIDTSOE, BCN SITE 47, LA DV-About July 8, new bcn site will be comm 7 mi E of Widtsoe, Utah. (6-25)
[redacted]: BARRE-MONTPELIER ARPT (BERLIN)-Use rnwys only. (12-31)
★BURLINGTON ARPT-RADIO: Twr now transmits on 278 kcs., 126.18,118.7 mcs. (6-30)
FLD: Use rnwys only. Parked acft N side E/W taxi strip. (4-3)
LEMMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)
[redacted]: ALBERTA ARPT-ENE/WSW, NNW/SSE strips rough. Ends and sides mrkd by 12' yellow mrkrs. (5-21)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 2100 every ngt for 1000'. Apprex 1500' of AGA reflectors extending beyond the lgts. Model Airplane Meet will be held July 20th between 1000 and 1700. Trans traffic should exercise dur ctn. (5-28)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE-RADIO: At intermittent periods, reception on high freqs unreliable (hvy lcl interference). (7-2)

[redacted]: BLACKSTONE ARPT-Tetrahedron inop, unlgtd. NE/SW rnwy avail. full length and 250' wide from NW side of NE/SW rnwy. 5 and 7'' rises of concrete 24' wide at seams on SE side NE/SW rnwy, mrkd. 5'' rise lctd 450' NE and 7'' rise lctd 75' SW of intersection NE/SW and NW/SE rnwys. (6-17)

BYRD FLD (RICHMOND)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-3) June 9, middle and outer mrkrs of CAA ILS temp inop pending relctn, concurrently with this relctn compass lctrs will be installed. Lclzr will remain in oper. (6-9). This corrects Airman's Guide Vol. 2, No. 7. FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Acft landing this fld without establishing rdo commun with twr watch carefully for lgt gun signals-twr lctd in center of triangle of rnwys. (2-18)

CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)

CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice Fld lighting sys under repair-unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. (2-28)

DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C; NAS Patuxent River, Md.; NAS Norfolk, Va.; NAS Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld, Va; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)

DANVILLE ARPT-Rnwy lgts will be operated by INSAC personnel 0800 to 2400. From 2400 to 0800 lgts will be unattended and rnwy nearest in line with wind direction at 2400 will be lgtd. Grassy plots soft when wet, rough when dry. Use only hard surfaced rnwys and taxi strips. Tetrahedron free swinging. (5-26)

EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)

FENTRESS NAAS-Use in emerg only (caretaker status-no facs). (2-19)

HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)

HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)

★LANGLEY FLD-RADIO: Army rng now transmits on 221 kcs only. Twr transmits on 278 kcs., 126.18 mcs. AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)

LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)

LYNCHBURG-RADIO: At intermittent periods especially during dry weather rcvg watches on high freqs impaired by pwr noises. (6-17)

MONOGRAM NAAS (DRIVERS)-Use in emerg only (caretaker status-no facs). (2-19)

MT. VERNON-See Special Notice under District of Columbia.

NORFOLK-RADIO: VHF rng on 108.7 mcs shut down for an indefinite period. (5-8)

NORFOLK NAS-EAST FLD-Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo ctc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish ctc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound or N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs ctc Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)

OCEANA NAAS-Facs avail. 0800 to 1630 Mon thru Fri. Acft clearances not accepted at other than designated hrs. Emerg acft clearance accepted any time upon prior notification. Equip. on fld. (6-13)

ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)

PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landing toward SW (Newport News). Left hand pattern when wind conditions require [redacted]: take-off and landing to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar. (5-19)

PRESTON GLENN ARPT (LYNCHBURG)-RADIO: At intermittent periods especially during dry weather twr rcvg watches on high freqs impaired by pwr noises. (6-17) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-8) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)

QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-6)

RICHMOND-Elko Aux Fld 5 mi E of Byrd Fld is similar in design and layout to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.

SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)

UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)

WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)

WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10) FLD: Ext. local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)

[redacted]: SPECIAL NOTICE-Benton County Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional, and Washington 5 Danger Area Charts)

ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E (78° true). Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn and lat 48-11-30, long. 121-55-00 on Blue Mountain. Cable anchorage levels at approx 2800' on both Mountains and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-25)

**ASOTIN CO. ARPT (CLARKSTON)-Flood, obst and portable strip lgts prior req. (4-16)

BARRY'S SKY HARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)

BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)

BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (6-20)

BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates flight pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)

BUENA ARPT-Right traffic E take-offs and landings. (3-17)

CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)

COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings. (3-17)

COUPEVILLE OLF-Closed except in emerg.

EPHRATA ARPT-Wild horses on fld. (7-3). These data rcvd too late for ⓪ symbol.

★EVERETT-RADIO: Overseas Foreign Aeronautical Communs Stn point to point radio-telegraph circuit 300X transmits on 168,4070,8130,11331,16232.5 kcs; 8110 kcs avail. on req. (6-23). Transmitting and rcvg 8280 kcs International Marine calling freq comm July 7, type A1 and A3 emission. (7-7)

FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)

[redacted]: KELSO ARPT, SITE 61A, SF-SA-Equip. on fld. (6-9)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)
L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lctd 1 mi N for gas truck or fone Prosser 91114. (5-20)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S take-offs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const. equip. on strips. Strip 2500 x 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)
McCHORD FLD (TACOMA)-RADIO: AACS operated HF/DF stn temp suspended until further notice. (4-24) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS Bcn inop. (3-20)
NELSON RIDGE, SITE 6, SA-HL-About Aug 1, bcn will be dismantled and relctd to lat 47-11-30, long. 121-01-42, 1-1/2 mi SE of present lctn. After relctn bcn will be recomm with no change in char. (5-13)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Lgts inop. (5-29)
PASCO-See Special Notice (first item under state heading)
PASCO NAS-Use in emerg only (caretaker status-no facs).
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N take-offs and landings. (3-17)
S & S AIRSTRIP (PUYALLUP)-Right traffic S take-offs and landings. (3-17)
SAVAGE FLD (CHENEY) Moderate soil erosion intermittently. (9-14)
**SEATTLE NAS-RADIO: Navy MH fac in oper at lat 47-45-42, long. 122-17-08, pwr 200 watts. Cont oper. Class: MHW. Freq. 414 kcs. Ident. "X". (6-6). These data rcvd too late for inclusion on data page and chart. FLD: Single-engine acft approach from Kirkland 1500' descending to 1000' over the stn. Seaplanes approach over Lake Washington from N or S under 200'; landing area lgtd on req between sunset and sunrise. Rnwy 14-32 lgtd 30 minutes prior to arvls and dptrs between sunset and sunrise and on req. Tetrahedron lgtd sunset to sunrise. (5-27)
SEATTLE-TACOMA ARPT-RADIO: Outer mrkr of CAA ILS unmonitored. (6-5) FLD: Equip. on fld days. (5-22)
SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only. (5-20)
SUNNYSIDE ARPT-Right traffic, S take-offs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW take-offs and landings. (3-17)
WALLA WALLA AAF-RADIO: DF stn will be relctd at Spokane AAF in near future. FLD: No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Ben operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)
[redacted]: ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
**GREENBRIER ARPT (WHITE SULPHUR SPRINGS)-Formerly carried as Greenbrier AAF. (7-3). See page 64.
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
HUNTINGTON ARPT-305' twr Rdo Stn WHTN being erected 2.1 mi SSE. (7-4)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn - VHF rng unmonitored. (4-9)
[redacted]: CAMP McCOY ARPT-Emerg use only-not maintained. (6-12)
CLINTONVILLE ARPT-Six sod strips avail. (4-22)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. (5-23)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (4-22)
EAU CLAIRE MUN. ARPT-Ctn, equip. on rnwys and fld area. (4-23)
GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly [redacted] based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for 1/2 mi. Obst lgt atop 95' chimney SW corner fld inop. Rco rcvr req for all lcly based acft. E/W rnwy closed, avail. taxiing only. (5-13)
GINNOW ARPT (OMRO)-Use strips only. (4-1)
LA CROSSE ARPT-Use rnwys only. (5-23)
MERRILL ARPT-Use rnwys only-soft after heavy rains. (6-3)
MOREY ARPT (MADISON)-Use strips only. (5-19)
OCONTO FALLS ARPT-Use strips only. (3-26)
RICHLAND FLYING CLUB INC (SEXTONVILLE)-Equip. on fld. (5-5)
SHAWANO ARPT-Soft when wet-use rnwys only. (6-3)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (4-7)
STEVENS POINT ARPT-Use rnwys only. (5-23)
THREE LAKES ARPT-Const. (6-13)
TOMAH ARPT-N/S strip under const. (5-19)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. (4-8)
WAUPUN ARPT, new-New arpt under const 2 mi WSW Waupun. Closed to trans acft. (3-15)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (4-7)
[redacted]: ARCHER-RADIO: FM on E course of Cheyenne rng will be decomm soon.
★CASPER AAF-RADIO: Army AACS air/gnd stn in oper. (7-1)
CHEYENNE-RADIO: Soon, the Hillsdale VHF bone-shaped FM will be comm at lat 41-09-30, long. 104-31-30, 16.2 mi E of Cheyenne low freq range. Ident. one dash.
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs. Ident. "CX". Lctd 457' W of the W end of the E/W rnwy. Mag heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes. Outer mrkr 32,274' E from approach end of E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs, ident. "X". Outer compass lctr on 260 kcs, ident. "C". (5-23) FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (7-7)
JACKSON MUN. ARPT-Cattle on fld intermittently. (6-13)
RAWLINS ARPT-Equip. on rnwys. (4-17)
ROCK SPRINGS MUN. ARPT-Use rnwys, taxiways only, bal fld unsafe-const. Equip. on fld. Glide path bldg 400' S and 750' from E end E/W rnwy. (7-8)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan Rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)
WORLAND-ARPT-Strips under const. Equip. on strips days. Use with ctn. (5-21)

[redacted]
**FORT DIX-Danger area has been established for intensive firing of all types infantry weapons including heavy artillery in the following area: Effective between July 1 and Sept 15, beginning at lat 40-02-45, long. 74-25-50; thence to lat 39-56-45, long. 74-24-00; thence along RR to lat 39-56-00, long. 74-26-00; thence to lat 39-57-20, long. 74-27-40; thence along Road to lat 39-57-20, long. 74-33-30; thence N to lat 40-02-45, E to point of beginning.

NEW AIRPORTS

(These facilities will be found on both data page and chart)

FACILITY	LAT.	LONG	PAGE
ALABAMA			
Sylavan (Sylacauga)	33-10-30	86-17-00	116
ARIZONA			
Benson	31-57-30	110-15-30	102
CALIFORNIA			
Dow (Livermore)	37-42-00	121-50-30	74
Rowan (Stratford)	36-10-15	119-48-00	76
GEORGIA			
Camilla	31-12-45	84-14-30	132
IDAHO			
Shelley Mun.	43-25-30	112-07-00	24
ILLINOIS			
Sycamore	41-58-45	88-40-00	44
KENTUCKY			
Hartford	37-26-30	86-54-15	58
Jackson	37-32-45	83-22-15	60,62
Nelson Co. (Bardstown)	37-49-00	85-32-30	58
MAINE			
Fort Kent	47-16-00	68-35-00	17
Jackman	45-37-45	70-15-15	17
Prairie Arpk (Brownville Jct)	45-24-30	69-03-45	17
Snow (Bradford)	45-04-15	68-56-45	17
Sweesy's (Enfield)	45-15-30	68-36-00	17
Twitchell's (Turner)	44-11-15	70-14-00	17
MASSACHUSETTS			
Mid-City (North Dighton)	41-49-15	71-07-30	56
MICHIGAN			
Aero Harbor (Millett)	42-41-45	84-36-00	32
Cedar-Rock (Edgerton)	43-09-00	85-33-30	32
Danner Fld (Fenton)	42-49-00	83-42-00	32,48
David Airfld (Athens)	42-04-00	85-14-45	32
Flat Rock (South Rockwood)	42-03-30	83-18-45	140,48
Grant Mun	43-19-45	85-46-45	32
Hutchinson s Sunnyside (Moorland)	43-14-30	86-02-15	32
Irish Hills (Springville)	42-04-30	84-10-30	140
Jonesville-Merchant Fld	41-58-00	84-42-30	46
Lamm (Litchfield)	42-03-45	84-45-45	32
Marlette	43-20-45	83-04-45	32,48
Motor City Sky Park (Flint)	43-01-45	83-37-30	32
Navarrie (Woodland Beach)	41-56-00	83-20-45	46
Otsego-Plainwell (Plainwell)	42-28-00	85-39-00	32
Richmond Fld (Gregory)	42-26-30	84-04-00	140
Sportmans Fld (Pinconning)	43-50-30	83-55-45	16,32
Union City	42-03-15	85-09-00	32
Waterloo	42-20-00	84-06-00	140
MINNESOTA			
Morgan	44-25-45	94-54-45	13
Sleepy Eye Mun	44-15-00	94-43-00	13
Southport (Rosemount)	44-43-45	93-12-45	13
Tracy	44-15-00	95-36-15	12
Waldoch Fld (Forest Lake)	45-13-15	93-05-45	13
Wheaton	45-47-00	96-32-45	12
NEBRASKA			
Sidney	41-06-00	102-59-00	34
NEW HAMPSHIRE			
Lafayette Fld (Portsmouth)	43-02-00	70-47-15	56
Riverside (Ashland)	43-44-30	71-40-15	56
Winchester Arpk	42-47-30	72-23-00	54
NEW JERSEY			
Bridgeton-Deerfield (Bridgeton)	39-32-45	75-15-00	66
Brown (Pittstown)	40-34-15	75-58-45	70
Oliver (Millville)	39-24-45	75-01-15	66
Ramapo Valley (Mahwah)	41-06-15	74-09-45	54
Seabrook (Bridgeton)	39-29-00	75-11-00	66
NEW YORK			
Honesdale	41-33-00	75-14-00	52
Palmyra Arpk	43-04-30	77-14-00	52
Suffolk (Westhampton Beach)	40-51-30	72-38-30	54
Wallington (Sodus)	43-14-00	77-01-00	52
OHIO			
Montpelier Fly. Svc (W.Jefferson)	41-34-45	84-34-15	46
Sky Riders Inc (Pandora)	40-56-45	83-58-15	46
OREGON			
John Day	44-25-15	118-57-30	4
Sisters	44-19-00	121-32-15	1
Sutherlin Valley Awys (Sutherlin)	43-22-45	123-19-30	20
PENNSYLVANIA			
Carbondale-Clifford (Clifford)	41-39-15	75-34-45	52
Centre (Berwick)	41-01-30	76-21-45	52
E. Pittsburgh (Pittsburgh)	40-24-15	79-45-00	64
Mt. Pleasant-Scottdale (Mt. Pleasant)	40-06-30	79-32-30	64
Rockville-Danielsville (Danielsville)	40-47-30	75-30-00	66
Sharpsville Arpk	41-16-00	80-25-45	50
Slyder s (Emporium)	41-29-15	78-09-30	50
Susquehanna	41-57-00	75-37-45	52
Thompson (Monongahela)	40-12-30	79-50-00	64
SOUTH CAROLINA			
Christenson Fld (Beaufort)	32-27-00	80-40-45	118
Hampton-Varnville (Hampton)	32-52-00	81-05-00	118
Nesbitt (Gaffney)	35-05-00	81-41-00	92
Park Arpk (Myrtle Beach)	33-43-00	78-53-00	118
TENNESSEE			
Humboldt	35-47-45	88-52-30	90
TEXAS			
Benavides (Laredo)	27-29-45	99-25-45	124
Carter Fly Svc(Velasco)	28-58-00	95-21-45	126
Edinburg Com	26-18-15	98-12-30	122
Falfurrias	27-12-45	98-08-00	122
Odem	27-55-30	97-35-00	122
Pearsall	28-55-00	99-04-45	124
Robstown	27-46-45	97-41-15	122
Shary Mun(Mission)	26-10-15	98-17-15	122
Walker (Lolita)	28-49-00	96-33-30	122
West Odessa (Odessa)	31-50-30	102-23-30	106
Woods (Donna)	28-10-15	98-02-15	122
UTAH			
Salina-Gunnison (Salina)	39-01-45	111-50-00	24
VIRGINIA			
Cox (Independence)	36-36 -15	81-14-00	9294
Pleasant Valley (Arcola)	38-56-45	77-29-15	66
Reynolds (Culpeper)	38-31-30	77-57-30	66
WASHINGTON			
Armstrong's Ranch(Harrington)	47-38-00	118-11-45	4
Maflott	48-17-45	119-41-30	4
Riverview(Brewster-Pateros)	48-05-30	119-50-30	4
S & S Airstrip (Graham)	47-06-15	122-18-00	3
Vision (Longview)	46-13-30	122-54-30	1
WASHINGTON			
Whidbey Island(San de Fuca)	48-15-00	122-43-15	3
WEST VIRGINIA			
McDonald (Taplin)	37-45-30	81-54-30	60,62
WISCONSIN			
Spooner	45-54-00	91-54-00	15
Burnett Co. (Siren)	45-49-30	92-22-00	15
Eau-Claire Sky Park	44-47-00	91-31-00	15
Holcombe	45-14-00	91-06-45	15
Menomonie	44-54-15	91-52-45	15
New Richmond	45-07-45	92-28-15	15
River Falls	44-52-00	92-38-00	15
Sand Creek (New Auburn)	45-10-30	91-41-30	15
Sky Haven (Eau Claire)	44-45-30	91-33-45	15

177

AERONAUTICAL CHARTS

U. S. Coast and Geodetic Survey Dates of Latest Prints

Dates in small type indicate minor changes which are not of sufficient importance to make the previous print obsolete. All charts carrying dates older than those shown in large type on this list are obsolete for use in flight.

SECTIONAL

Aberdeen	May 29, 1947	
Albany	Jan. 7, 1947	
Albuquerque	Mar. 7, 1947	
Arcostook	Dec. 31, 1946	
Austin	Jan. 28, 1947	
Beaumont	Jan. 28, 1947	
Bellingham	Apr. 30, 1947	
Birmingham	Apr. 11, 1947	
Boise	May 1, 1947	
Boston	Jan. 14, 1947	
Burlington	Dec. 31, 1946	
Butte	May 7, 1947	
Casper	May 16, 1947	
Charlotte	Apr. 21, 1947	
Chattanooga	Apr. 22, 1947	
Cheyenne	May 17, 1947	
Chicago	Dec. 24, 1946	
Cincinnati	Apr. 13, 1947	
Cleveland	Jan. 7, 1947	
Corpus Christi	Feb. 4, 1947	
Dallas	Mar. 21, 1947	
Del Rio	Jan. 22, 1946	Jan. 28, 1947
Denver	Mar. 11, 1947	
Des Moines	June 13, 1947	
Detroit	Dec. 31, 1946	
Douglas	Jan. 14, 1947	
Dubuque	Oct. 2, 1945	Dec. 12, 1946
Duluth	May 28, 1947	
Elko	May 1, 1947	
El Paso	July 25, 1946	Jan. 17, 1947
Fargo	June 15, 1947	
Glacier Park	May 12, 1947	
Grand Canyon	Mar. 11, 1947	
Grand Junction	Mar. 11, 1947	
Green Bay	June 9, 1947	
Huntington	Apr. 21, 1947	
Jacksonville	Feb. 7, 1947	
Kansas City	Mar. 18, 1947	
Klamath Falls	Apr. 29, 1947	
Kootenai	May 21, 1947	
La Grande	Apr. 23, 1947	
Lake Huron	Dec. 30, 1946	
Lake Superior	June 15, 1947	
Lake of Woods	May 24, 1946	Nov. 19, 1946
Lewiston	Jan. 8, 1947	
Lincoln	May 29, 1947	
Little Rock	Mar. 19, 1947	
Los Angeles	Feb. 25, 1947	
Miami	Feb. 24, 1947	
Miles City	May 6, 1947	
Milwaukee	Dec. 31, 1946	
Minot	May 21, 1947	
Mobile	Feb. 3, 1947	
Mt. Shasta	Apr. 25, 1947	
Mt. Whitney	Feb. 21, 1947	
Nashville	Apr. 7, 1947	
New Orleans	Jan. 29, 1947	
New York	Jan. 9, 1947	
Norfolk	Apr. 25, 1947	
Oklahoma City	Sept. 23, 1946	
Orlando	Feb. 13, 1947	
Phoenix	Mar. 3, 1947	
Pocatello	May 12, 1947	
Portland	Apr. 20, 1947	
Prescott	Mar. 5, 1946	Sept. 3, 1946
Rapid City	May 9, 1947	
Reno	Feb. 17, 1947	
Roswell	Sept. 16, 1946	
Sacramento	Feb. 16, 1947	
Salina	Mar. 15, 1947	
Salt Lake City	May 6, 1947	
San Antonio	Jan. 28, 1947	
San Diego	Feb. 26, 1947	
San Francisco	Feb. 21, 1947	
Savannah	Apr. 18, 1947	
Seattle	Apr. 23, 1947	
Shreveport	Apr. 16, 1947	
Sioux City	May 28, 1947	
Spokane	Apr. 23, 1947	
Trinidad	Sept. 16, 1946	
Tulsa	Mar. 26, 1947	
Twin Cities	June 10, 1947	
Washington, D.C.	Apr. 21, 1947	
Wichita	Mar. 5, 1946	Sept. 16, 1946
Williston	May 5, 1947	
Winston-Salem	Apr. 25, 1947	
Yellowstone Park	May 9, 1947	

WORLD AERONAUTICAL - UNITED STATES

WAC 215	Apr. 18, 1947	WAC 266	Dec. 2, 1946	WAC 309	Jan. 10, 1947	WAC 364	Feb. 17, 1947	WAC 467	Feb. 4, 1947
WAC 216	Apr. 21, 1947	WAC 267	May 26, 1947	WAC 310	Jan. 14, 1947	WAC 404	Feb. 28, 1947	WAC 468	Feb. 3, 1947
WAC 217	May 2, 1947	WAC 268	May 9, 1947	WAC 357	Apr. 11, 1947	WAC 405	Feb. 27, 1947	WAC 469	Jan. 22, 1947
WAC 218	May 16, 1947	WAC 269	Apr. 25, 1947	WAC 358	Apr. 9, 1947	WAC 406	Mar. 13, 1947	WAC 470	Jan. 28, 1947
WAC 219	May 16, 1947	WAC 304	Apr. 30, 1947	WAC 359	Apr. 1, 1947	WAC 407	Mar. 25, 1947	WAC 471	Jan. 15, 1947
WAC 262	Dec. 19, 1946	WAC 305	May 18, 1947	WAC 360	Mar. 25 1947	WAC 408	Apr. 2, 1947	WAC 522	Jan. 30, 1947
WAC 263	Dec. 19, 1946	WAC 306	Dec. 2, 1946	WAC 361	Mar. 15, 1947	WAC 409	Apr. 8, 1947	WAC 525	Feb. 13, 1947
WAC 264	Dec. 18, 1946	WAC 307	Dec. 4, 1946	WAC 362	Mar. 15, 1947	WAC 410	Apr. 17, 1947		
WAC 265	Dec. 5, 1946	WAC 308	Dec. 12, 1946	WAC 363	Feb. 17, 1947	WAC 466	Feb. 11, 1947		

RADIO DIRECTION FINDING

1-DF	Sept., 1946	21-DF	Jan. 3, 1947	24-DF	May 18, 1947	Brownsville	Jan. 29, 1947	New York & Vicinity	Aug. 6, 1946
2-DF	Sept., 1946	22-DF	Jan. 15, 1947	25-DF	Apr. 3, 1947	Los Angeles	Mar. 4, 1947	San Diego	Mar. 18, 1947
3-DF	Jan., 1947	23-DF	Mar. 4, 1947	26-DF	Apr. 23, 1947	Miami	Feb. 18, 1947	Seattle	Nov. 28, 1946
								Washington	June 6, 1947

LOCAL

WORLD AERONAUTICAL - ALASKA

WAC 62	Feb. 1946	Nov. 1946	WAC 77	Mar. 1947	WAC 119	Feb. 1947	WAC 138	Jan. 1947	
WAC 63	Jan. 1947		WAC 78	Feb. 1947	WAC 135	Nov. 1946	WAC 139	Mar. 1946	Dec. 1946
WAC 64	Mar. 1946	Dec. 1946	WAC 117	Feb. 1947	WAC 136	Jan. 1947	WAC 186	Mar. 1946	Dec. 1946
WAC 76	Feb. 1947		WAC 118	Mar. 1947	WAC 137	Feb. 1947			

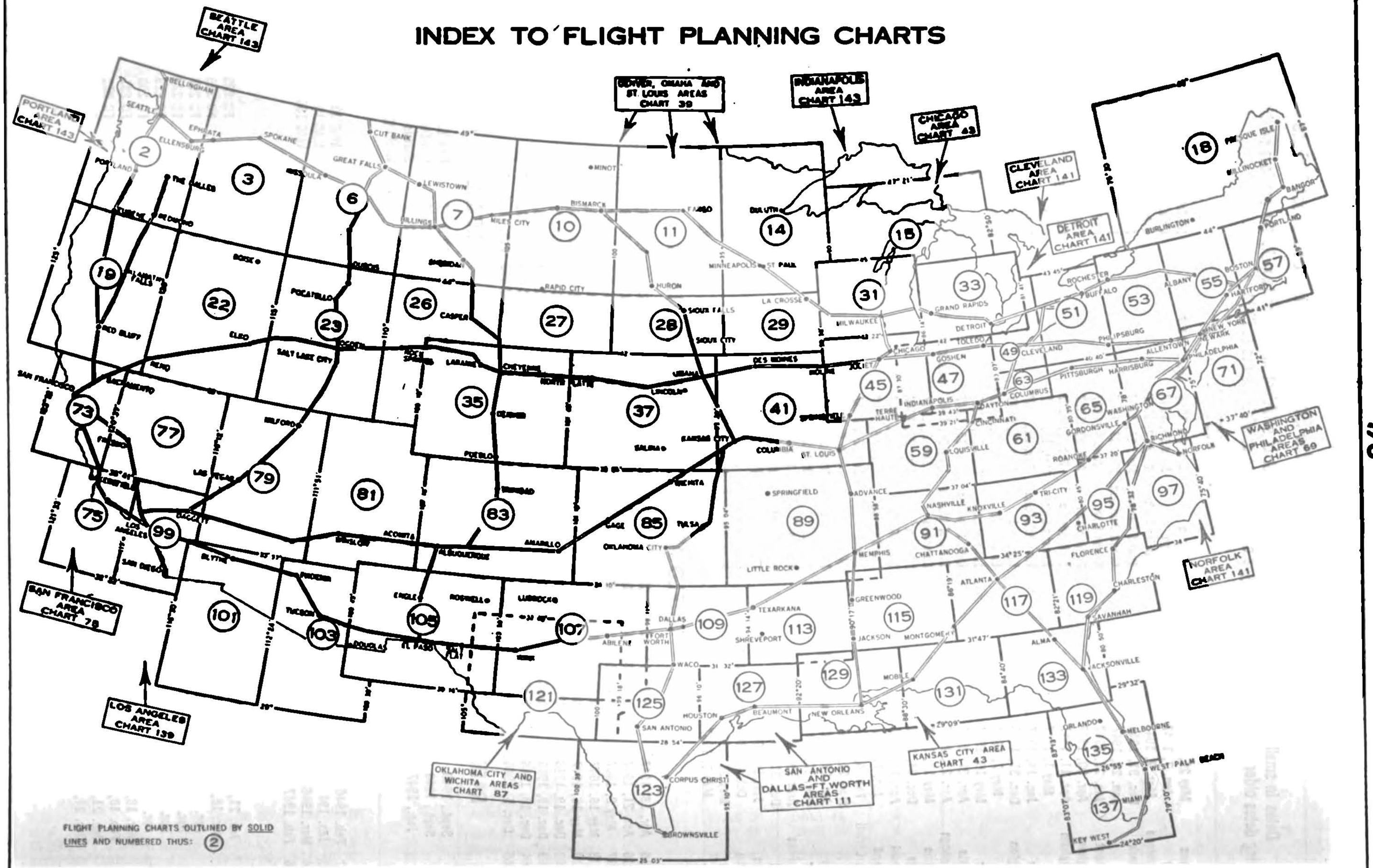
FLIGHT

FC 3	Jan. 21, 1947	FC 14	Feb. 18, 1947	FC 178	May 12, 1947	FC 214	Jan. 5, 1947	FC 225	Dec. 19, 1946
FC 4	Mar. 18, 1947	FC 15	Apr. 1, 1947	FC 181	Jan. 14, 1947	FC 216	Apr. 24, 1947	FC 226	Dec. 12, 1946
FC 6	Apr. 1, 1947	FC 16	Dec. 24, 1946	FC 182	Feb. 12, 1947	FC 217	Mar. 21, 1946	FC 227	Dec. 30, 1946
FC 7	Apr. 1, 1947	FC 42	Nov. 19, 1946	FC 183	May 6, 1947	FC 218	Apr. 16, 1947	FC 228	Jan. 14, 1947
FC 8	Apr. 1, 1947	FC 43	Feb. 17, 1947	FC 184	Apr. 11, 1947	FC 219	Mar. 5, 1947	FC 229	Jan. 17, 1947
FC 9	Apr. 1, 1947	FC 173	Nov. 25, 1946	FC 185	May 10, 1947	FC 220	Mar. 7, 1947	FC 230	Jan. 31, 1947
FC 10	Mar. 18, 1947	FC 174	Dec. 2, 1946	FC 186	Feb. 10, 1947	FC 221	May 12, 1947	FC 231	Jan. 14, 1947
FC 11	Feb. 18, 1947	FC 175	Jan. 8, 1947	FC 187	Feb. 16, 1947	FC 222	Dec. 2, 1946	FC 232	Apr. 7, 1947
FC 12	Jan. 21, 1947	FC 176	Mar. 28, 1947	FC 188	Mar. 13, 1947	FC 223	Nov. 21, 1946	FC 233	Mar. 25, 1947
FC 13	Dec. 24, 1946	FC 177	Jan. 13, 1947	FC 213	Feb. 5, 1947	FC 224	Dec. 8, 1946	FC 234	May 27, 1947

PLANNING

3060b	Mar. 4, 1947	3069a	July 9, 1946

INDEX TO FLIGHT PLANNING CHARTS



SPECIAL NOTICE

Because of appropriation cuts, the charts and data pages of the Airman's Guide are to be eliminated. The Guide of August 5, 1947, will be the last one to contain this material. Adjustments for subscribers will be made by the Government Printing Office on a basis to be announced in the issue of August 5th.

Thereafter, the C.A.A. will issue a bi-weekly Notice to Airmen (without charts and data pages, which will retain the name Airman's Guide). It will also issue a semi-annual Directory of Airports.

Radio Facility Charts (depicting all aeronautical radio facilities but no airports except those radio range-associated and/or tower-controlled) will be available from the Coast and Geodetic Survey, Department of Commerce, on a loose-leaf, for-sale basis.

A prospectus covering the Coast and Geodetic Survey charts may be found on page 177.

RECEIVED
SEP 18 1947
U. S. D. A. LIBRARY

AIRMAN'S GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 9 ..... JULY 22, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI

AIR NAVIGATION RADIO AIDS AND AIRPORT DATA, LEGEND ..... XII-XIII

FLIGHT PLANNING CHARTS AND DATA PAGES 1-143

V.H.F. RANGE CHARTS 144-148

AIRWAY MILEAGES 149

NOTICES TO AIRMEN 150

HOW TO USE THE AIRMAN'S GUIDE

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES. RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION. NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS.

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPER-IMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT. WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME, THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE OFFICE OF AVIATION INFORMATION, ATTENTION A-250, C.A.A., DEPARTMENT OF COMMERCE, WASHINGTON 25, D.C. AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

[redacted]
Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Appleton (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer, Durham (116)
Birmingham R,T (116)
"Central Park (116)
"Roberts (116)
Brewton (old) (131)
" (new) (131)
Brooklet T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton, Gragg (116)
Columbiana (116)
Courtland (91)
Craig R,T (116)
Cullman (116)
Decatur
" Beaver Dam (91)
" Pryor (91)
Demopolis (116)
Dothan A,R, (131)
Dothan
" Napier (131)
Eden FM (116,117)
Elberta, Kaiser's Tract (131)
Elmore (116)
Enterprise (131)
Eufaula, Weedon (117)
Eutaw (116)
Evergreen, Middleton (131)
Fairchild (131)
Fayette Mun. (116)
Florence (131)
Foley, Canal (131)
" Magnolia (131)
Ft. Payne, (117)
" Davenport (91)
" DeSoto Park (91)
Gadsden (117)
" Goodyear (117)
" Gulfstead (117)
Gainesville (116)
Garden City FM (116)
Geneva (131)
Greenville (116)
Gunter T (117)
Guntersville Dam (91)
Haleyville, Lakemont (116)
Hartselle (91)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson, McKee (131)
Jasper, Walker Co. (116)
Kaiser's Tract (131)
Lillian, Fairchild (131)
Laverne (131)
Magnolia (131)
Maxwell R,T, (116)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
Mobile, Davis (131)
Montgomery
" Allenport (117)
" Dannelly (116)
" Elmore (116)
" Gunter T (117)
" Maxwell R,T (116)
" Norman Bridge (117)
Muscle Shoals A,R, (91)
Ozark (131)
Prattsville, Deatsville Aux. (116)
Prichard, Chastain's (131)
Robertsdale (131)
Scottsboro (91)
" N. Sauty Base (91)
Selma
" Autaugaville (116)
" Craig R,T (116)
" Dallas (116)
" Selma-Selfield (116)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (116)
" Foster (116)
" Van de Graaff (116)
Tuskegee (117)
" Moton (117)
Wolf (131)
[redacted]
Ajo (101)
Amado, Kinsley Ranch (103)
Ashfork (79)
Bisbee (103)
Bowie (103,106)
Cactus, N. Phoenix (103)
Casa Grande
" Three Point (103)
Chandler, Williams T (103)
Clifton-Morenci (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (79)
" Verde Valley (79)
Dateland (101)
Davis-Monthan T (103)
Deep Lake (81)
Douglas (103,105)
" Forrest #2 (103,105)
" International (103,105)
" McNeal #1 (103,105)
Duncan (103,105)
Flagstaff, Koch (81)
Florence (103)
Forest #2 (103,105)
Fort Huachuca (103)
Fredonia (79)
Gila Bend A,R, (101)
" #4 (101)
" #5 (101)
" #6 (101)
Globe, Cutter (103)

NEW FACILITIES: Foley, Ala., Oak (131) Dewey-Humboldt, Ariz. (75) Gilbert, Ariz. (103) Oneonta, Ala., Moody (91) Russellville, Ala, Wood-Dearing (91) Bridgeport, Ala., Alabama (91) Foley, Ala., Oak (131) Lanett, Ala., Valley (117) Livingston, Ala., Jackson (116) Tuscumbia, Ala., Tri Cities (91). Camp Verde, Ariz. (81) Glendale, Ariz., Fram (103) Winfield, Ala. (115) Decatur, Ala., Flint Creek (91) Elberta, Ala., Wolf (131) Sylacauga, Ala., Sylacom (117) Benson, Ariz. (103)

Grand Canyon
" South Rim (79)
Hayden (103)
Hereford (103)
Hilltop FM (103,105)
Holbrook (81)
" Int. (81)
Joseph City FM (81)
Kingman (79)
" Mohave Co. (79)
" Port Kingman (79)
Laguna Landing Strip
Litchfield Park (103) (101)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A, FM (103)
" Airpark (103)
" Falcon (103)
Meteor Crater FM (81)
Nogales, Central (103)
" International (103)
Parker (101)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Prescott R (79)
" Ernest A. Love (79)
Quartzsite (101)
Redrock FM (103)
" Int. (103)
Safford (103,105)
" Mun. (103,105)
Sahuarita Figt Strip (103)
St. Johns (81)
Salome (101)
" Int. (101)
Sells (103)
Show Low (81)
Somerton (101)
Superior (103)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A, R (103)
" Airpark (103)
" Davis-Monthan T (103)
" Downtown (103)
" Gilpin (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels Ranch (103)
Vail FM (103)
Valle (79)
Wellton (101)

White River
" Fort Apache (103)
Wickenburg Mun (101)
" Sky Ranch (101)
Wilcox
" Cochise Co. (103)
Williams (79)
" AAF T (103)

Winslow A, R (81)
Yucca (79)
Yuma, Co. (101)

Yuma, Marsh (101)

ARKANSAS

Alma (89)
Arkadelphia (113)
Benton (89)
Bentonville (89)
Berryville (89)
Biggers (89)
Black Rock, Sloan (89)
Blytheville A, R (89)

Brinkley (89)
Bruins FM (89)
Cabot, Badly (89)
Calico Rock, Copp (89)
Camden, Grayson (113)
Carlisle (89)
Clarksville (89)
Conway (89)
Cotton Plant, Overhold (89)
Crossett, Ashley Co. (113)
DeWitt, Commerical (89)
El Dorado R (113)
" Goodwin (113)
Eureka Springs (89)

Fayetteville (89)
Flippin, John's Airpk (89)
Forrest City (89)
Fort Smith (89)
Harrison (89)
Hasty, Smith (89)
Hazen (89)
Helena, Thompson-Robbins (89)
Hope (113)
Hot Springs, Memorial (89)

Jonesboro (89)
Little Rock R (89)
" Adams T (89)
" Central (89)
Luxora (89)
McGhee (113)
Magnolia (113)
" Baker (113)
Malvern, Harlas (89)
Manila (89)
" Fleeman (89)
Mena, Bowden (89)
Newport (89)
" Erwin (89)
" Milltown (89)
North Little Rock, Central (89)

Ozark, Whitman (89)
Palmer, Gilbrech (89)
Paris (89)
Pine Bluff R (89)
"Grider (89)
" Toney (89)

Prescott A, FM (113)

Rogers (89)

Round Pond (39)
Russellville, Ark. Poly. College (89)
Searcy (89)
Springdale (89)
Stuttgart A, R (89)

" Dockery (89)
" Hazen (89)

Texarkana A. R (113)

Walcott #3 (89)
Walnut Ridge A, R (89)
" Walcott #3 (89)
West Memphis, Bowen (89)
" Levee (89)
Wynne (89)

CALIFORNIA

Alameda (75)
Allen (75,77)
Alturas (19)
" #1 (19)
Amedee Figt Strip (19)
Anderson, Pinnegar (19)
Antioch (75)
Arcata H, R (19)
Armitage (77)
Artesia, Cranford (139)
Auburn FM, A (73)

Avenal (77)
Bagdad (79)
Bakersfield R (75,77)
" Kern Co T. (75,77)
" La Cresta (75,77,99)
" Minter (75,77)
Banning A, FM (99)
Barstow (99)
Bass Lake, Wishon, USFS
Bay Point FM (73) (77)
Beckwourth, Plumas (19)
Bellflower (139)
Belmont A, FM (73,75)
Big Bear (99)
Big Pine (77)
Bishop (77)
Blue Canyon FM, (19)
" Int. (19)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (77,99)
Brawley (101)
" O'Connell Bros. (101)
Bridgeport, Bryant (77)
Brown (99)
Burbank R, LFM (139)
" Lockheed Air Term.
Calexico (101) T (139)
Callahan FM (19)
Camarillo, Conejo Val'y
" Hidden Valley (139)
Cambria (75) (99)
Camp Pendleton (99)
Carmel Valley (73)
Castaic FM (99,139)
Castle T (77)
" OLF (99)
Cedarville (19) (139)
Chatsworth H, FM

Chester (19)
Chico (19)
" Ranchaero (19)
" Patrick (19)
Claremont, Cable-Clarement (139)
Clarksburg, Borges-Clarksburg (73)
Clarks Dry Lake (99,101)
Coalinga (77)
Colusa (19)
Compton (139)
" Central (139)
Concord (75)
" Buchanan Co. (75)
Corcoran (77)
" Baldwin (77)
Corning (15)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (73)
Covelo, Round Valley (19)
Coyote Wells (North & South Flds) (101)
Crescent City, Del Norte Co. (19)
" Gasquet (19)
Crows Landing (73)
Culver City, Hughes (139)
Daggett A, R (99)
Davis, State Forestry
" University (73) (73)
"Winters Figt Strip (73)
Death Valley Junction
" Amargosa (77)
Delano-Kern Co. (77)
Del Mar (99)
Delta (19)
Desert Center (101)
" Int (101)
Dinuba, Alta (77)
Dixon (73)
Donner Summit R (19,77)
Dos Palos
" Eagle (73)
Downey FMH, FM (99,139)
" Vultee (139)
Dunsmuir (19)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" NAS T (101)
" Coyote Wells, N. (101)
" Coyote Wells, S. (101)
Elk Creek (15)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido, Engel (99)
Estrella (75)
Eureka A, FM (19)
"Humboldt Co. (19)
Evergreen FM (73,75)
Fairfield-Suisun AAF R, T. (73)
" Suisun Arpk (73)
Fall River Mills
" Shasta Sky Ranch (19)
Farallon Island H (73)
Fontana FM (99)
Fort Jones A, R (19)
Franklin (73)

Fresno R (77)
" Adams (77)
" Cannon (77)
" Fresno-Chandler (77)
" Fresno-Skylark (77)
" Furlong (Co. Club) (77)
" Hammer (77)
Fullerton (39)
Furnace Creek, Death Valley Nat'l. Monument (77)
Gardengrove (139)
" Haster Farm (139)
Gardner (75,77)

Glendale H (139)
" Grand Central T (139)
Grass Valley (19)
Gray Butte (139)
Gridley (19)
Gustine (73)
Half Moon Bay A, FM (73,75)
Hamilton H, T (73) (75)
Hammer (77)
Hanford (77)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (19)
Hayward (75)
Healdsburg, Alexander Valley (73)
" Norton Sky Ranch (73)
Helendale (99)

Hollister (73)
Holtville (101)
Horse Farm (139)
Huntington Beach A, FM (99,139)
Imperial Co. (101)
Independence (77)
Indio A, R (99,101)
" Shavers Summit (101)
Inyokern, Armitage T (77)
" NAF (Harvey Fld)
Jackson (77, 99)
" Amador Co. (73)
Jacumba Hot Spgs. (101)
King City (73)
La Habra FM (99,139)
Lakeport, Lampson (73)
La Mesa FM, A (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Spgs (99)
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (19)
Lebec FM (75,55)
Lemoore (77)
" Kleinhammer (77)
Lincoln (73)
Lindsey, Colburn (77)
Little River
" Mendocino (19)
Livermore OLF (75)
" Sky Ranch (75)
Lodi (73)
" Lind's (73)
" Lodi Arpk (73)
Lomita (139)

Lompoc (75)
" Com. (75)
Lone Pine (77)
Long Beach R, T (99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R, T (99,139)
"Culver City (139)

" Torrance Community (139)
" Vail (139)
Los Banos A, FM (73)
Lost Hills #8 (75, 77)
Lower Lake, Hoberg (73)
McClellan T (73)
McCloud, Ash Creek (19)
Madera (77)
Manteca, Summer Home (73)
Manzanar, Inyo Co. (77)
March T (99)
Maricopa, Cuyama (75)
Mariposa (77)
Martinez (73)
Maryville, Alicia (19)
" Cheim (19)
Mather H, T (73)
Mecca, Port Mecca (101)
Merced Mun. (77)
" Castle T (77)
Mile Square Farm (139)
Minter (75, 77)
Mirage (99)
Miramar, MCAS T (99)
" OLF (99)
Modesto (73)
Moffett R, T (75)
Mojave NAS (77,99)
Monrovia (139)
Montague (19)
" Siskiyou Co. (19)
Montebello (139)
Monterey, Monterey Peninsula (73)
Morgan Hill, Valley (73)
Mountain View (75)
" NAS (Moffett) R, T (75)
Mt. Laguna H (99,101)
Mt. Shasta R (19)
Muroc, R, T (99)
Napa, Napa Co. (73)
" Sky Ranch (73)
National City (99)
Needles A, R (79)
" Riverview (79)
Nevada City (19)
Newark H, FM (73,75)
Newhall A, R (99,139)
New Jerusalem (73)
Norco (139)
Norwalk
" Delbert Arpk. (139)
Oakland R, T (73,75)
Oceanside H, FM (99)
" Camp Pendleton (99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai, Henderson (75)
Olancha, Adamson (77)
" Monache Meadows (77)
" Templeton Meadow
" Tunnel (77) (77)
Ontario T (139)

Oroville (19)
Otay NAAS, Brown (99)
" Wolfe's Arpk (99)
Oxnard-Ventura Co. (75)
" Camarillo-Ventura
Palisades (139) Co. (75)
Palmdale A, R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (75)
Parlier
" Paiva Inter-City (77)
Paso Robles A, R (75)
" Estrella (75)
Petaluma (73)
" Justman Fld. (73)
" Oak View (73)
Point Mugu T (75)
Pomona (139)
" Brackett (139)
Porterville (77)
Puente Sky Ranch (139)
Quincy, Sky Harbor (19)
Ramona (99)
Randsburg (77, 99)
Ravendale (19)
Ream T (99)
Red Bluff R (19)
" Bidwell (19)
Redding A, FM (19)
" Benton Arpk (19)
Reedley
" GreatWestern (77)
Rialto, Morrow (99)
Rice (101)
Ridgecrest (77,99)
Riverside A, R (99)
" Arlington (99)
" March T (99)

Rosamond, Barnes (99)

Rosedale (99)
Sacramento R, T (73)
" Branstetter (73)

" McClellan T (73)
" Mather H, T (73)
" Sky Ranch (73)
Salinas A, R (73)

Salton Sea (99,101)
" Borego Hotel (101)
" Clark's Dry Lake (99)
" Ocotillo (101) 101)
San Bernardino (99)
" AAF T (99)
" Tri-City (99)
San Carlos (75)
" Cooley (75)
San Clemente Island (99)
" Castle (99)
San Diego R (99)
" NAS T (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar OLF (99)
" Miramar MCAS T (99)
" Peik (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
"Whiteman Arpk (139)
San Francisco R, T (73, 75)
" Gap H (75)

San Jacinto, Harmon (99)
San Jose (75)
" Reid-Hillview (75)
" City (75)
San Juan Capistrano, Capistrano Awys (99)
San Luis Obispo (75)
San Marcos
" McCormick (99)
" San Marcos Valley
San Mateo (75) (99)
" Bay Meadows (75)
San Nicolas Isl. (99)
San Pedro, Terminal Island (139)
San Rafael
" Hamilton H. T (73)
" Marin Co, Inc. (73)
San Ramon (75)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm
" Orange Co. (139) (139)
Santa Barbara R, T (75)
Santa Cruz (73)
" Sky Park (73)
Santa Maria T (75)
" Dorman (75,77)
" Hancock (75)
" Machado (75)
Santa Monica (Clover)
Santa Paula (75) (139)
Santa Rosa Arpk (73)
" NAAS (73)
" Sonoma Co. (73)
Santa Susana (139)
Santa Ynez, Crawford
San Ysidro (75)
" Borderland (99)
" Ream T (99)
Saticoy (75)

Secret Valley (19)
Selma (77)
Shafter-Kern Co (75,77)
Shavers Summit (101)
Silver Lake R, A (79)
Sonora, Columbia (77)
Stockton, R, A (73)
" Orange Bros. (73)
" West Lane (73)
Stratford, Newton (77)
Strathmore, Trauger (77)
Susanville (19)
Taft, Allen (75,77)
" Gardner (75,77)
" Parker (75,77)
" Taft-Kern Co. (75,77)
" Taft-Kern Co, Aux. (75,
" Taft-Kern Co. 77)
#2 (75,77)
Tehachapi (77,99)
Terminal Isl. T (139)
Thermal (101)
Tracy (75)
" New Jerusalem (73)
Trona (77)
Truckee (19, 77)
Tulare (77)
" Defense Plant Corp.
Turlock (73) (77)
" Turlock Arpk (73)
Twentynine Palms (101)
Ukiah (19)
Upper Lake, Gravelly Valley (19)

Vallejo Sky Harbor (73)
" Stan's Arpk (73)
Valley Springs, Mother Lode (73)
Van Nuys
" Metropolitan T (139)
Vernalis (75)
Victorville "66" (99)
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)

Visalia (77)
" Green Acres (77)
" Sequoia (77)
" Piepgrass Bros (77)
Walnut Creek
" Sherman (75)
Warm Springs (75)
Warner Hot Spgs. (99)
Watsonville #1 (73)
" #2 (73)
Weaverville (19)
Westhaven

Whitmore R (19)
Williams R (19)
" Dalton, com. (19)
" Int. (19)
Willits (19)
Willows-Glenn Co. (19)
Winters Figt Strip (73)
Woodlake (77)
Woodland
" Yolo Flyers (73)
Woodville, Vossler (77)
Yermo, Calico (99)

COLORADO

Akron, A, R (35)
" Douglas (35)
Alamosa (83)
Alvin (35)
Arlington #4 (35)
Aurora LFM (39)
Boulder (39)
Buckley T (39)
Burlington (35)
Calhan (39)
Canon City, Fremont Co.
" Royal Gorge (35) (35)
Colorado Spgs. R (35,39)
" Nichols (39)
" Peterson T (35,39)
" Pine Valley (39)
" Rocky Mtn. (39)
Cortez (81)
Craig (26,35)
Creede (83)
Dacona FM (35,39)
Delta, Starr Nelson
Denver R (35,39) (81,35)
" Buckley T (39)
" Civil Air Patrol (39)
" Combs (39)
" Lowry T (39)
" Ruston (39)
" Sky-Ranch T (39)
" Stapleton (Denver Arpt) T (35,39)
" Vest Acft (39)
Dove Creek (81)
Dupont, Rutledge (39)
Durango (81)
" City-County (81)

Eads (35)
Eagle A, R (26,35)
Englewood (39)
Estes Park (26,35)
Fairplay, Teter (26,35)
Flagler (39,35)
Fort Collins (26,35)
Fort Morgan, Young (85)
Fountain FM (35,39)
Franktown FM (35,39)
Glenwood Spgs (26,35)
Golden, Creighton (39)
Granby (26,35)
Grand Junction R (26)
" Walker (26)
Greeley, Crosier (39)
Gunnison
" Meeker Ranch (35)
Henderson FM (35,39)
Holly, Romer (83)
Holyoke (35)
Hugo (35)
Julesburg (35)
" Doughty's (35)
Kit Carson
" Trading Post (35)
La Junta R (35)
" AAF (83)
" Arlington #4 (35)
" Bridges (83)
" Las Animas (83)
" Rocky Ford (35)
Lamar (83)
Las Animas (83)
Leadville, Figt Strip (35)
Limon, Stake's Prairie Port (35)
Lindon, Roderick (35)
Longmont (39)
Lowry T (39)
Mancos (81)
Meeker (26,35)
Mesita, Costilla Co. (83)
Monte Vista (83)
Montrose (81, 35)
Nucla (81)
Ordway (35)
Peterson T (39,35)
Pueblo A, R (35)
" Gregg (35)
" Pueblo AAB (35)
Rangely
"Rangely Heights (26)
Rifle (26,35)
Rocky Ford (35)
" Reynolds (83)
Saguache (35)
Salida (35)
Silver Cliff, Valley (35)
Springfield (83)
Sterling (35)
Trinidad A, R (83)
Walden (26,35)
Walsh, Griffin (83)
Watkins FM (35,39)
" East Colfax (39)
Westcliffe, Cress (35)
Wray (35)
Yuma (35)

CONNECTICUT

Bethany (55)
Bridgeport R, T (55)
Bristol
" Stephenson (55)

NEW FACILITIES: Gourdon, Ark. (113) Warren, Ark., Griffin (113) Parkin, Ark., Lessenberry (89) Cameron, Ariz., Marble Canyon (81) Monticello, Ark. (113) Clinton, Ark., Patton (89) Selma, Calif., Palomino (77) Montrose, Colo., new (35,81) San Rafael, Calif., San Francisco Bay (75) Benecia, Calif., Southampton Bay Air Harbor (73) Arcata, Calif., Redwood T (19) Mt. Ida, Ark., Toloson (89) Westwood, Calif. (19) Tuscon, Ariz., Mission (103) Scotia, Calif. (19) Kremmling, Colo. (35) Seligman, Ariz. (78) Almyra, Ark., Prairieville (89) Batesville, Ark. (89) Paragould, Ark., Alexander (89) Stratford, Calif., Rowan (77) Bieber, Calif. (19) Hamburg, Ark., Carpenter (113) Centerville, Calif., Center (75) Fair Oaks, Calif., Sky Nook (73) Gilroy, Calif. (73) Golden, Colo. FM (35,39) Beebe, Ark., Addington (89) Mesa, Ariz., Oasis (103) Payson, Ariz. (81) Peach Springs, Ariz. (79) South Phoenix, Ariz. (103) Taylor, Ariz., Taylor-Snowflake (81) Wickenburg, Ariz. (101) Winona, Ariz. (81) Livermore, Calif., Dow (75) Calpine, Calif. (19) Ansonia, Conn. (55) Springerville, Ariz., Springerville-Eager (81,105) St. Michaels, Ariz., Window Rock (81) Chino, Calif., Cal-Aero (139) Hereford, Ariz., Nicksville (103) Hereford, Ariz., Y-Lightning (103) Pine, Ariz. (81) Tuscon, Ariz., Desert Skylodge (103) Inyokern, Calif. R (77) Carlisle, Ark., Aux. (89) Heber Springs, Ark. (89) Adelanto, Calif., El Mirage (99) Boulder Creek, Calif. (73) Fillmore, Calif. (139) Ft. Bragg, Calif., White (19) Fortuna, Calif. (19) Garberville, Calif. (19) Rialto, Calif., Miro-Fontana (99) Santa Paula, Calif., Harvey (75) Solemint, Calif., 6 S Ranch (139) Sunset Beach, Calif. (139) Three Rivers, Calif. (77) Weed, Calif., Jackson Ranch (19) Westminister, Calif., Cypress (139) Alamosa, Colo., Kramer (83) Hackberry, Ariz. (79) Placerville, Calif. (75)

JULY 20, 1947

Canaan (55)

Danbury (55)
East Hartford
" Rentschler T (55)
Essex, Deane (55)
Groton, Trumbull (55)
Hartford R (55)
" Brainard T (55)
Madison
" Hammonasset (55)
Meriden FM, T (55)
Milford (55)
Monroe (55)
Moosup FM (57)
New Haven (55)
Plainfield (57)
Plymouth
" Waterbury (55)

Salem (55)
Shelton, Island (55)
Simsbury (55)
Somers, Kinsley (55)
Stonington (57)
Southington (55)
Wallingford
" Lufbery (55)
Waterford (55)
Watertown (55)
West Haven (55)
Windham (55)
Windsor Locks
" Bradley T (55)
[redacted]

Bridgeville (67)
Dover, Airpark (67)
" AAF (67)
" Sungio (67)
Frankford, Sussex (67)
Georgetown, Sussex Co. (67)
Harrington (67)
Laurel (67)
" Holly Brook (67)
Lewes, De Vriez (67)
Middletown
" Shallcross (67)
New Castle, Biggs (67)
" Bellanca (67)
" New Castle Co. R, T.
Rehoboth Beach (67)
" Rehoboth Aeriers (67)
Smyrna (67)
Wilmington R (67)
" DuPont T (67)
" New Castle Co. T (67)
[redacted]

Washington R (67,69)
" Anacostia NAS T (69)
" Bolling T (69)
" National T (69)

FLORIDA

Alliance #4 (131)
Altoona (135)
Apalachicola (131)
Apopka, Ryan (135)
Arcadia (135)

Avon Park (135)
" AAF (135)

Bagdad (131)
Banana River R (135)
" NAS T (135)

Bartow (135)
Beacom (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton (135)
Branan (133)
Bronson (131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133,135)
Carabelle Figt Strip
Cecil T (133) (131)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona, Hidden Acres
Clearwater (135) (136)
Clewiston (137)
Cocoa (139)
Connors (136)
Crestview A,R (131)
Cross City A, R (133)
Daytona Beach A, R (133, 135)
De Funiak Spgs. (131)
De Land (135)
Dunedin, Skyport (135)
Dupuis (136)
Eglin R, T (131)
Ellenton (135)
Ellyson (131)
Eustis, Waterman (135)
Fernandina (133)
Fleming Island (133)

Ft. George Isl. FM (133)
Fort Lauderdale FM, A
" Davis (137) (137)
" NAS (137)

Fort Myers R (137)
" Buckingham (137)
" Page (137)
Fort Pierce com (135)
" (mun.) (135)
Gainesville (133)

" Stengel (133)
Green Cove Spgs
" Lee OLF (133)
Haines City (136)

Helm (131)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead A,R (137)
" Mun. (137)
Immokalee Arfld
(Aux.) (137)
" Int. (137)
Jacksonville R, (133)
" NAS R,T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)

Jacksonville
" Flemings Isl. (133)
" Hart (133)
" Herlong (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland, Drane (135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach
Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center (135)
" Gray's (135)
Live Oak FM (131, 133)
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)

" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)
Melbourne A,R, (135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center (137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS (Opa Locka) (137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
Miami Bay Shore FM (137)
Middleburg (133)
Milton (131)
" Whiting NAS (N.) R,
T (131)
" Whiting NAS (S.) (131)
" Santa Rosa (131)
Minneola, Kerlin (135)
Molino FM (131)
Montbrook (133, 135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala, Taylor (133, 135)
Okeechobee, Connors
Orange City (135) (135)
Orlando R (135)
" AAB (Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka, Kay Larkin (133)

Palatka, Sawyer (133)
Panama City (131)
" City Arpk (131)
" Skyland (131)
" Tyndall R, T (131)
Pensacola A, R, (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Ellyson (131)
" Gulf Arpk (131)
" Helm (131)
" Pensacola Arpk (131)
" NAS (Chevalier) T (131)
" Corry (E. & W. Flds)
" OLF #1 (131) T (131)
" OLF #5 (131)
" OLF # 6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial (133,
Pinecastle (135) 135)
Plant City (135)
" Robinson (135)
Pompano, North Pom-
pano (137)
Punta Gorda (135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted (135)
" Pinellas Co. Inter-
national T (135)

" Sky Harbor (135)

Sanford (135)
" Osceola (135)
Sarasota-Bradenton (135)
" Commercial (135)
Santa Rosa (131)
Saufley T (131)
Sebastian, Roseland (135)
Sebring (135)
" Air Terminal (135)
Spencer (131)
Stock Isl. LFM (137)
Stuart, Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson (133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O. Knight (135)
Tennile (133)
Titusville
" Cocoa (135)
Tyndall R, T (131)
Valparaiso, Eglin R, T (131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)

Valparaiso, Eglin #9 (131)
Venice, Aux. (135)
" Mun. (135)
Vero Beach A, H (135)
Wauchula (135)
West Palm Beach R (137)
" Morrison T (137)
Whiting NAS (N.) R, T
" NAS (S.) (131) (131)
Whitehouse (133)
Williston, Montbrook (133
135)

Winter Haven
" Gilbert (135)
" Orlando Aviation
Country Club (135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel, Cook Co. (133)
Albany A, R, (133)
" Turner (133)
" Turner #1 (117)
Alma A, R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R, T (117)
" NAS (Camp Gordon)
" Lakewood (117) (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
Baxley, Bouser (133) (133)
Bemiss #3 (133)
Boykin, Babcock (133)
Brunswick H (133)
" Glynco (133)
Buford, Allen (117)
Butler (117)
Cairo, Cairo-Grady (133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton, (117)

Cartersville, Felton (117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson T, R (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Donalsonville (131)
Douglas
" So. Georgia College
(133)

Dublin (117)
East Point LFM (117)
Elberton (117)

Fitzgerald (133)
Fitzgerald, Three "B"
Folkston (133) (133)
Forsyth, Zellner's (117)
Gainesville (117)
Glennville (119)
Glynco R, T (133)
Griffin-Spalding (117)
Harris Neck (133)
Hinesville (135)
" Camp Stewart (119)
HomervilleFlgtStrip (133)

Jackson (117)
Jasper (93)
Jefferson, Long (117)
Jonesboro FM (117)
La Grange, Calloway (117)
Lake Park #2 (133)
Lawrenceville, Wages
(117)
Lawson R, T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta AAF T (117)
" Clevenger's (117)
" Cobb (117)
" Parkaire (117)
Milledgeville, Kings (117)
Millen
" Birdsville (119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto, Morton (117)
Perry (117)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)
St. Marys A, FM (133)

Sandersville
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
" Savannah-Wilmington
Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant
Memorial (117)
Thomasville AAF (133)

Thomasville Com. (133)
Tifton (133)
Toccoa
" Le Tourneau (53)
Trion
" LaFayette-Trion
(91)
Turner A, FM (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)

" Moody (133)
" Rocky Ford #1 (133)
Vidalia-Lyons (117)

Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington, McGill (117)
Waycross AAF (133)
Civil Air Patrol (133)
Waynesboro (119)
Whitman Figt Strip (133)
Winder (117)
Woodbury (117)

IDAHO

Aberdeen (23)
American Falls (23)
Anderson Dam
" Bennett Figt Strip
Arco (23) (22)
Big Springs (6)
Boise R (22)
" Air Terminal T (22)
" Bradley (22)
Buhl (23)
Burley A, R (23)
Caldwell (22)
Cascade (3)
Cayuse Creek (3)
Challis (5)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Dubois A, R (6)
Eagle FM (22)
" Floating Feather (22)
Emmett (22)
Fairfield, Camas Co.
Glenns Ferry (22) (23)
Gooding H (23)
" (new) (23)
" (old) (23)
Grangeville
" Idaho Co. (3)
Hagerman
" Thousand Springs
(23)
Hailey, Friedman (23)
Hayfield, Tyhee (23)
Idaho Falls A, R (23)
Idahome (23)
Jerome (23)
Kamiah (3)
Kellogg (3)
Knox, Landmark (3)
Lake, Flying "R" (6)
Lewiston (3)

McCall (3)
Mackay (23)
Malad City R, A (23)
Montpelier (23)
Mountain Home FM (22)
" AAF (22)
" Site 25, SL-PO (22)
Nampa, Ritchey (22)
Orofino (3)
Paris
" Bear Lake Co. (23)
Parma (22)
" Nyssa (22)
Payette A, FM (3)
Pocatello A, R (23)
" AAF (23)
" University (Ham's)
(23)
Preston (23)
Priest River (3)
Red River Hot Springs
" Moose Creek (6)
Rexburg (23)
Richfield, Albert (23)
St. Anthony (23)
St. Maries (3)
Salmon (6)
Sandpoint (3)
Shoshone Flying Bar
"S" (23)
Strevell H, A (23)
Tensed
" Teton Fly. Club (3)
Twin Falls (23)
Victor (Bezbett Fld)
(23)
Weiser (3)

[redacted]

Alexander, Negus (39)
Alton, Wadlow (39)
Arcola, Allen (39) (41,
Armington, Medbury 45)
Ashburn LFM (43,45)
Aurora (43)
Beardstown (39)
Belleville
" Gundlach (39)
" Scott T, R (39,41)
Bensenville
" Sky Haven (43)
Bloomington (43)
Blue Island, Bowell (43)
Blue Mound
" McCoy (41)
Bradford H, A (41,45)
Cairo, N. Cairo (89)
Carbondale (89)
Carmi, White Co. (59)
Carthage (41)
Casey (59)
Champaign (45)
" Univ. of Ill. (45)
Chanute R, T (45)
Charleston (59)
Chesterfield (39)
Chicago R, T (43,45)
" Ashburn (43)
" Chicago-Orchard
Place (43)
Chicago Heights
" Ashland Ave. (43)
Clinton Fly. Club (45)
Dalton City, Moody
Danville (45)
" Vermilion (45)

Decatur (41,45)
" Park District (45)
De Kalb, Interstate (45)
Des Plains
" Ravenswood (43)
Dixon (41,45)
Earlville, Clearview (45)
East St. Louis
" Parks Metropolitan
(39)
" Lakeside (39)
" Parks (39)
Edwardsville (39)
Effingham R, A (59)
" Co. Memorial (59)
Elgin
" Kane County (43)
Elmhurst
" Chicago-Elmhurst
(43)
Fairfield
" B & K Fly. Svc. (59)
Fiatt, Hi-Way (41,45)
Flora (59) (45)
Franklin Park FM (43)
Freeport, Albertus (45)
Galesburg (41,45)
George (59)
Gillespie, H & S (39)
Glenview NAS T, R (45,
" Pal-Waukee (43) 43)
Grayslake (43)
Harvey R (43,45)
" Rubinkam (43)
Havana, Matansas (41,
Highland-Winet (39) 45)
Hillsboro (41)
Hinsdale (43)
Homewood
" Washington Park (43)
Hoopeston, Russell's
Horace (45)
" Midway Aviation (45)
Jacksonville (39)
Jerseyville FM (39,41)
Johnsburg Arpk. (31)
Joliet R, A (43,45)
Kankakee (45)
La Grange, Stinson (43)
Lansing
" Chicago-Hammond
(43)
La Salle, Vogel (41,45)
Lawrenceville
" George (59) (39)
Lebanon, Cyril Lebert
Lockport
" Lewis-Lockport (43)
Lombard
" York Township (43)
Macomb (41,45)
Marion (59)
" Macarin (89)
Mattoon (59)
Mendota
" Fitzgerald (41,45)
Moline R, (41,45)
Momence (43)
Monmouth (41,45)
Morris (43)
Morton (41,45)
Mt. Carmel
" Beckerman (59)
Mt. Vernon (59)
Murphysboro (89)

Muddy, Harrisburg-El
Dorado (59)
Nashville (41)
Newark FM (45)
Northbrook
" Sky Harbor (43)
Oaklawn, Harlem (43)
Olney, Schilt (59)
Ottawa (45)
Paris (59)
Pecatonica (45)
Pekin (41,45)
Peoria A, R (41,45)
" Mt. Hawley (41,45)
Polo-Hamilton (45)
Prairie du Rocher (89)
Presbyterian
" Church #3 (59)
Princeton (45)
Quincy (41)
" (new) (41)
Rantoul, Chanute R, T
Roanoke (45)
" Phil-Larry (41,45)
Rochester (39)
" Fleck's Lakeview
Rockford R (45)
" Machesney (45)
St. Charles (43)

St. Elmo
" Smith Aviation (59)
St. Francisville
" Presbyterian Church
#3 (59)
Salem, Leckrone (49)
Sandwich (45)
Scott T, R (39,41)
Shelbyville
" Shelby Co. (59)
Sheldon
" Disosway (45)

South Beloit
" Beloit-So. Beloit (31)
Springfield A, R (39,41,
Steger, Will Co. (43) 45)
Sterling (41,45)
Stockton (45)
Streator Air Svc. (45)
Sycamore
" Kishwaukee (45)
Taylorville (41)
Tinley Park
" Prosperi (43)
Tuscola, Cooper (45)
Urbana, Illini (45)
Vandalia Mun. (41)
Van Orin (41,45)
Warren, Evergreen (31)
Waukegon (31)
" Lake Co. (31)
Wooddale (144)

INDIANA

Advance FM (47,143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola, Tri-State (47)
Atterbury AAF (55)
Attica (45,47)
Auburn (47)
Baer (47)
Bargersville (143)
Bedford (59)

NEW FACILITIES: Richfield, Idaho, Adkins (23) Shoshone, Idaho, Andrew (23) Woodstock, Conn., DeFlorez (57) Milford, Ill. (45) Mt. Erie, Ill., Van Fossan's (59) Annapolis, Ind., Port O'The Woods (45,47) St. Georges, Dela., Red Lion (67) Ormond, Fla. (133,135) Riddle, Fla. (137) Groveland, Fla. (135) Howey in the Hills, Fla., Howey (135) Live Oak, Fla., Hurst (133) Starke, Fla., Conway (133) Miami, Fla., Tropicaire (137) Panama City, Fla., Hutchinson's Aviation Port (131) Port St. Joe, Fla., Sandpiper (131) Samsula, Fla., Spruce Creek (135) Silver Springs, Fla., Aero Lodge (133) Tarpon Springs, Fla. (135) Winter Garden, Fla. (135) Brunswick, Ga., Arpk (133) Brunswick, Ga., Malcolm-McKinnon (133) Jesup, Ga. (133) Tremont, Ill., Sharon (41,45) Lincoln, Ill., Flying Service (41,45) Pona, Ill. (41) Virden, Ill. (39) Jacksonville, Fla., # 1 T (133) Ft. Lauderdale, Fla., South Florida (137) West Palm Beach, Fla., Belvedere Country Club (137) Dawson, Ga., Terrell Co. (133) Albany, Ga., Sky Haven (133) Driggs, Idaho, Teton Peaks, Driggs Mun. (23) New Meadows, Idaho (3) Clewiston, Fla., Riddle (137) Pensacola, Fla., Edwards (131) Shelley, Idaho., Mun. (23) Sycamore, Ill. (45)

Bedford,Sky Haven (50)
Bloomfield,Crays Fly. Service (59)
Bloomington (59)
" Campus (59)
" Veterans (59)
Bluffton (47)
Bluffton,Bluffton-Wells County (47)
Boswell(45)
Brownsburg (143)
Buck Creek,Fair Acres (45,47)
Bunker Hill (47)
Camby,Owen Pathfinder (143)
Cedar Grove FM (59)
Chalmers
" Monticello (45,47)
Charlestown (59)
Clayton FM (59,143)
Columbus (59)
" Atterbury AAF (59)
Connersville
" Mettel (47,59)
Cook, Cedar Lake (43)
Corydon,Sky Park (59)
Crawfordsville (143)
Crown Point (47)
Culver (47)
Cynthiana
" Straub (50)
Danville,Mecca (143)
" Stewart (143)
Decatur, Hi-Way (47)
Demotte,Chesver (47)
Dora, Lincoln (47)
Dyer, Triangle (43)
Elkhart (47)
" East Side (47)

Elwood (47)
Emison (50)
Evansville R, T (59)
Fort Wayne R (47)
" Baer T (47)
" Myers (47)
" Smith (47)
Francesville,Jackson (45,47)
Frankfort,Lockwood (45,47)
Franklin Fly.Fld (143)
Freeman (59)
French Lick **Springs** (59)
Gary (45,47)
" Lakeside (43)
" Skyway (43)
Goodland,Kentland Air Service (45,47)
Goshen A,R (47)
" **Midway** (47)
Greencastle FM, A (47,143)
Greenfield FM,A (47,
" Farmers (143) (143)
Greenwood
" **White** Cloud **(143)**

Hobart,Gamble (47)
Huntingburg (59)
Huntington (47)
" Wakefield (47)
Indianapolis R,T (47, 59,143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville,Bush (59)
" New-Albany (59)

Kendallville (39)
Kentland
" Kentfield (45,47)
Kingman 47)
" Kingman Fly Svc (45,
Knox, Starke Co.(45,47)
Kokomo,Ruzicka (47)
" Mun. (47)
Ladoga,Himes (143)
Lafayette R (45,47)
" Aretz (45,47)
" Halsmer (45,47)
" Putdue Univ. (45,47)
" Reimer (45,47)
La Fontaine
" Shaffer's (47)
Lake Village (43)
Lanesville (59)
Lapel (143)
La Porte (45,47)
Lawrenceburg Valley
Lebanon (143) (59)
Liberty Center,Miller
Linton (59) (47)
Lizton (143)
Logansport (45,47)
" Logan (45,47)
Lowell FM (43,47)
Madison
" AAF (50)
" Myers (59)
Marion (47)
" West Side (47)
Markle FM (47)
Marshfield,Cork(45,47)
McCool H,FM,A (45,47)
Medaryville (45,47)
Mentone (47)
Michigan City (45,47)
" Mid-City (45,47)
Milroy (143)
Mishawaka (47)
" Sportsman (47)
Monticello (45,47)
Morgantown FM (47,143)
Mount Vernon (59)
Mulberry,Stair (45,47)
Muncie (47)

New Carlisle,Gordon (45,47)
New Castle (143)
" Western (143)
Noblesville (143)
North Judson,Kellerman
North Manchester (45,47
" Manchester (47)
North Vernon
" St. Anne #2 (59)
Notre Dame FM (47)
Oaktown,Emison (59)
Ockley (45,47)
Orleans
" Silent Brook (59)
Patoka (59)
Perrysville
" Highland (47)
Peru (47)
Plainfield, Loy (143)
Plymouth (45,47)
Portland,Bringham(47)
" Steed (47)
Preble, Liniger (47)
Ramsey,Bush (59)
Rensselaer (45,47)
" Jasper Co. (45,47)
Richland
" Ferguson (59)
Richmond, Com. (47)
" Mun. (47)
" East Richmond (47)
Rising Sun (59)
Rochester (47)

Rushville,Howell(143)
Salem,Boss-Denien(59)
Scottsburg,Harbor(59)
Selma,Huffman(143)
" Reese Fly.Svc.(143))
Seymour, Freeman (59)
" Mapleton (59)
Shelbyville (143)
" Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals, Stiles (59)
South Bend R (45,47)
" Bendix T (45,47)
" Cadet (47)
" Chain-O-Lakes(45,
Stout T (143) 47)
Syracuse, Spink-Wawasee (47)
Terre Haute R (47,59)
" Hulman (47,59)
" Paul S. Cox (47,59)
Tolleston,Skyway (43)
Utica,Riverview (59)
Valparaiso
" Urschell (45,47)
Vevay (59)
Vincennes,O'Neal (50)
Wabash
" Whittenberger (47)
Warsaw Mun. (47)
" Smith (47)
Washington (59)
" Mun. (59)
Wellsboro (45,47)
" Triangle Air Svc.

Winchester,Coxey's(47)
Yorktown (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (41)
Algona, Squeeze (29)
Anita,Dressler (41)
Ames (29)
Armstrong (29)
Atlantic (41)
" Int. (41)
Audubon Awys (41)
Bellevue (29)
Burlington A,R (41)
Carroll (29)
Cedar Rapids H,A (41)
" Hunter (41)
" Saxon (29)
Centerville (41)
Chariton (41)
Charles City Mun.(29)
Cherokee (28)
Clarinda (41)
Clarion (29)
Clermont (29)
Clinton (41.45)
Columbus Jct. (41)
Council Bluffs (39)
Davenport,Cram(41,45)
Decorah
" Tatro Fly. Svc. (29)
Denison (28)
Des Moines R,T (41)
" Beaver (41)
Dows (29)
Dubuque (29)
Dunlap (39)
Dyersville Awys (29)
Earlham FM (41)
Eldora,Emmerts (29)
Elkader Arpk (29)
Emmetsburg,Ryan (29)

Estherville (29)
Fiscus, Briggs (41)
Fort Dodge,Eno (29)
Fort Madison (41)
Garner, Wicks (29)
Glenwood FM (37,39)
Grimes, Dodge (41)
Grinnell,Niederhauser Airways (41)
Grand Mound,Grand(41)
Guthrie Center (41)
Hancock FM (37,39)
Harlan (39)
Hartley Mun. (28)
Ida Grove
" Nicholson (28)
" Flying Service (28)
Independence (29)
Indianola FM (41)
Iowa City A,H (41)
Iowa Falls (29)
Jefferson (29)
Keokuk (41)
Lake City (29)
Lamoni (41)
Le Mars, Western Union College (28)
Lenox (41)
Leon (41)
Lone Tree, Weise Flying Service (41)
Manning (41)
Marshalltown,
" Marshall (29)
" Niederhauser (29)
Mason City A,H (29)
" Eco (29)

Melbourne
" Commercial (41)
Milford, Fuller (28)
Missouri Valley (39)
Moneta, Thorne (28)
Monroe FM (41)
Montezuma (41)
Mt. Ayr,Mt.Ayrport(41)
Mt. Pleasant (41)
Muscatine (41)
Newton (41)
" Flying Service(41)
Ocheyedan,Peters(28)
Oelwein Mun. (29)
Onawa,
" Oliver Ranch (39)
Oskaloosa, Roth (41)
Ottumwa (41)
" NAS T (41)
" Venture (41)
Pella (41)
Pocahontas (29)
Randolph (39)
Red Oak (41)
Riceville,Mosher (29)
Rock Rapids,
" McKisick (28)
Sac City (29)
Seymour (41)
Sheldon (28)
Shenandoah (39)
Sioux City R,T (28)
Sloan FM (28)
Spencer (28)
" Hart (28)
Spirit Lake
" Okoboji Awys (28)
Storm Lake (28)
Strawberry Pt., Goodrich & Gross (29)
Stuart (41)
Sutherland,Liberty (28)
Traer (29)
Villisca,Tyler (41)

Washington (41)
Waterloo (29)
" Canfield (29)
" Chapman (29)
Webster City (29)
Wesley (29)
Winterset (41)

KANSAS

Abilene (37)
" Wright Arpk (37)
Anthony A,H (85)
Arkansas City (87)
" Baird (87)
Ashland (85)
Atchison,Hawk's (43)
Atwood (37)
Augusta (87)
Belleville (37)
Beloit, Moritz (37)
Bern (37)
Brewster,
" Eddit Hutton (37)
Bucklin (85)
Burdett Fly. Club (37)
Caldwell (87)
Cassoday (85)
Cedar Pt.,Clothier (37)
Cedar Vale (85)
Chanute A, R (85)
Clay Center (37)
" Wood Arpk (37)
Coffeyville
" Mun. #1 (85)
" Mun. #2 (85)
" Edgewood (85)
" Ferguson Fly. Fld(85)
Colby (37)
Coldwater,Stark (85)
Concordia Mun. (37)
" Blosser (37)
Derby (87)
Desota FM (41,43)
Dodge City A,H (85)
"AAF (85)
" Dodge City #4 (85)
Downs (37)
Edwardsville,Fisher's
El Dorado (87) (43)
" Frasier (87)
Elkhart (83)
Ellinwood (37)
Ellsworth (37)
Emporia (37)
Eureka (85)
Fairfax T (43)
Ft. Leavenworth,
" Sherman T (43)
Ft. Riley,
" Marshall R, T (37)
Fort Scott (89)
Fredonia (85)
Garden City A, R (85)
" AAF (85)
" #1 (85)
" #2 (85)
" #3 (85)
Gardner (43)
Garnett, Mader (41)
Girard (89)
Goodland A, H (37)
Great Bend AAF (37)
" Airpark (37)
Greensburg (85)
Hays (37)
" Walker (37)
Hazelton,Strickland(85)
Herington (37)
" AAF (37)
Hiawatha (37)
Hoisington (37)
Holyrood (37)
Hoxie (37)

Hugoton, Hap (83)
Hutchinson A, R (85)
" Commercial (85)
" NAS (85)
Independence (85)
" AAF T (85)
" #3 (85)
" #9 (85)
Iola (85)
Johnson (83)
Junction City,Ritter(37)
Kansas City,
" Fairfax T (43)
Kanorado,Winter (35)
Kechi FM (85,87)
Kingman (85)
" Hi-Way (85)
Kiowa Fly. Svc. (85)
La Crosse, Hoover (37)
Lakin,Puckett's (83)
Larkinburg (37)

Lawrence (43)
Leavenworth
" Le Compton (43)
Lebo A, R (37)
Lenexa, Allman (43)
Lenora (37)
Liberal (85)
" Glenn Martin (85)
Lyons (37)
McPherson (37)
" Janssen Skytell (37)
Manhattan (37)
" Mankan (37)
" Pottawatomie (37)
Mankato (37)
Marion (37)
Marshall R, T (37)
Marysville (37)
Meade (85)
Medicine Lodge (85)
Moline,Elk Co. (85)
Moundridge (37)
Ness City,Nessco (37)
" Ness Fly.Club(37)
Newton (87)
Norton (37)
Oakley (37)
Oberlin (37)
Olathe, Hall's (43)
" NAS R, T (41,43)
" OLF #2 (43)
" OLF #4 (43)
" OLF #7 (43)
" OLF #9 (43)
Ottawa (43)
' Conard (43)
Oxford FM (85,87)
Paola FM (41,43)
Parsons (85)
Phillipsburg (37)
Pittsburg
" Atkinson (89)
Plains (85)
Pratt (85)
" AAF (85)
Protection (85)
Russell (37)
St. Francis (35)
St. John, Firebaugh (85)
Salina A (37)
" Sky Village (37)
" Smoky Hill R,T (37)
Satanta (85)
Scott City (37)

Seneca (37)
Sharon Springs (35)
Sherman T (43)
Smith Center (37)
Smoky Hill R, T (37)

Stafford (85)
Stanley,Country Club (43)
" State Line Arpk (43)
Sterling Air Svc.(37)
Summerfield (37)
Syracuse (83)
" Int. (83)
Topeka R, T (37)
" Huntoon (37)
" Phillip Billard T (37)
Towanda FM (85,87)
Tribune,Pickrel-Farmer Fly.Svc (35)
Viola FM (85,87)
Wakefield,Elkins (37)
Walker (37)
Wellington (87)
Wellsville,Gault (43)
Wichita R,T (85,87)
" Arther Airfld (87)
" Beech T (87)
" Cannon Ball (87)
" Cessna Acft (87)

" Ken-Mar Arpk (87)
" Rawdon (87)
" Riverside (87)
" University (87)
" Wilson (87)
Winfield (87)
" South (87)
" -Arkansas City (87)

KENTUCKY

Ashland (61,63)
Bowling Green A,R (91)
Campbell (91)
Campellsville (59)
Cedar Bluffs,Princeton (91)
Coal Run, Pikeville (61)
Covington, Greater Cincinnati T (61)
Crayne, Marion-Jaycee (59)
Danville,Goodall (59,61)
Darfolk, Codell (61)
Dillon, Harlan (93)
Eastwood FM (59)
Elkton, Standard (91)
Falmouth (61)
Fort Knox,
" Godman R, T (59)
Frankfort,
" Silver Lake (59,61)
Glasgow,Davis-Norris
Glendale (59) (91)
Godman R,T (59)
Greenville
" Greenville-Central City (59)
Hazel, Marian (91)
Henderson Arpk (59)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Knifley,Streeval (59)
Lebanon (59)
" Betzel (59)
Lexington R (61)
" Blue Grass (61)
" Cool Meadows (61)
London
" Jody (61)
Louisville R (59)
" Bowman T (59)
" Riverside (59)
" Standiford (59)

Lynch, Cumberland Valley (93)
Madisonville (59)
" Agee Williams (59)
Manchester, Sky (61)
Mayfield
" Graves Co. (91)
Maysville (61)
Melbourne,Ross (61)
Middlesboro (93)
Milford (61)
Monterey,Karsner (59)
Monticello
" Rice (93)
Mt. Washington (59)
Nolin, Kernek's (59)
Owensboro (59)
Paducah
" McCracken (91)
" Howell (59)
Paintsville (61)
Paris (61)
Prestonburg (61)
Raceland
" Abken (61)
Richmond, Port Richmond (61)
Shelbyville,Shelby (59)
Shepherdsville FM (59)
Somerset (61)
" Pulaski Co. (93)
Sturgis (59)
Sulphur FM (59)
Union FM (61)
Warsaw (59)
West Point (59)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
Bogalusa (129)
Camp Polk,North (127)
" South (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memorial (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A, H (129)
" Boise de Lafayette (129)
" Girard (129)
Lake Charles R (127)
" Mun.(127)
" N Lake Charles (127
Lake Providence (113)
La Place FM (129)
Leesville (127)

Logansport, Johnson (113)
Madisonville FM (129)
Mansfield
" De Soto Parish(113)
Many
" Hart (113)
Minden (113)
Moisant International T (129)
Monroe A, R (113)
" Selman (113)
" Arpk (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton
" Burnside & Mc Donald (113)
New Iberia (129)
" Iberia Parish (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
" NAS (129)
" Meraux-Neunez(129)
" Moisant International T(129)
New Roads
" False River (129)
North Camp Polk(127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Quebec,Arneson(113)
Ruston (113)
Shreveport R,T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Slidell, Pravado (129)
Sondheimer,Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood(129)
Winnfield
" Joyce (113)
Winnsboro (113)

MAINE

Andover (18)

Auburn
" Dingley (18)
" Greenlaw (18)
" Lewiston-Auburn (18)
Augusta A, R (18)
Bangor R (18)
" Dow T (18)
Bar Harbor (18)
Baring, St. Croix (18)
Belfast (18)
Benton,Fernald's (18)
Bethel (18)
Biddeford (57)
Bowdoinham
" Merrymeeting (57)
Brewer
" Doane's (18)
Bridgewater
" Nelson's (18)

Brunswick
" Douglas (57)
" NAS (57)
" Riverside (57)
Caribou (18)
Deblois Figt Strip(18)
Dexter (18)
Dow T (18)
East Corinth FM (18)
Eastport (18)
Ellsworth
" Billings (18)
Farmington (18)
Freeport
" Stover (57)
Fryeburg Arpk (18)
Greenville (18)
Houlton A, R (18)
Hudson, Robbins (18)
Island Falls
" Green's (18)
Kennebunk (57)
La Grange
" Bishop Fld (18)
Lewiston
" Central (18)
Limestone FM (18)
Livermore Falls (18)
Madison

Mallawamkeag, Moscone's (18)
Mapleton, Community Arpk (18)
Mars Hill (18)
Millinocket A, R (18)
Minot
" Maheux (18)
Newport (18)
Norridgewock (18)
Norway (18)
Old Town (18)
Patten
" Webb's (18)
Phillips
" Raymond's (18)
Pittsfield (18)
Pittston (18)
Portland A, R (57)
Presque Isle R, T (18)
Princeton (18)
Rangeley (18)
Rockland (18)
" Rockland-Broadway (18)
Rumford (18)
Sanford, Goodall (57)
Scarboro (57)
Skowhegan
" Tomlinson (18)
South Portland
" Port of Maine (57)
Turner
" Rollins Flying Svc (18)
Washington, Austin (18)
Waterville (18)

West Buxton
" Hilltip (57)
Winterport
" Roy L. Fernald (18)

MARYLAND

Aberdeen (67)
" Phillips T (67)
Andrews R, T (69)
Annapolis, Seaplane T (67)
Annapolis Inc. (67)
" Dixie (67)
" Lee Annapolis (67)
Baltimore R, T (67)
" Diffendahl (67)
" Martin T (67)
" Pimlico (67)
" Rutherford (67)
Beltsville FM,A(67,69)
Berwyn
" Capital (69)
Brandywine R (67,69)
" Curtis (69)
Camp Springs
" Andrews R, T (69)

Chesterton, Gill (67)
Churchville
" Aldino (67)
Clinton
" Hyde (69)
College Park (69)
Croom
" Columbia Air Center (69)
Cumberland (65)
" Mexico Farms (65)
Doncaster FM (67,69)
Easton
" Webb (67)
Edgewood Arsenal (67)
Elkton, Lovett (67)
Fort Meade (69)
Frederick
" Stevens (67)
" Frederick City (67)

NEW FACILITIES: Yorktown, Ind.,Delaware (143) Ulysses, Kans. (83) Bradford, Me.,Snow (18) Brownville Junction, Me.,Prairie (18) Enfield, Me.,Swasey's (18) Jackman,Me.,Newton(18) Ft. Kent, Me.(18) Presque Isle, Me.,Northland (18) Tuttle,Me.,Twitchell's (18) Beachville,Md.,Webster T (67) Croom,Md.,Mattaponi Sky Club(69) Dewitt, Iowa (41) Hill City, Kans .Mun.(37) Osawatomie, Kans .Osawatomie-Paola(43) Martinsville,Ind.,Elliott-Martinsville (143) Bardstown,Ky.,Nelson Co.(59) Hartford,Ky.(59) Jackson,Ky.(93) Converse, Ind (143) Galveston, Ind (45,47)

Glenburnie
" Whipp (67)
Greenbelt
" Belcrom (66)
Hagerstown (67)
Hyattsville
" Queens Chapel (66)
Meekins Neck FM (67)
Ocean City
" Hickman (67)
Patuxent River R,T (67)
Phillips T (67)
Piney Point (67)
Pocomoke (67)
Pomonkey
" Maryland (66)

Riverdale
" Erco (66)
Rock Hall (67)
" Faybrook (67)
Rockville
" Congressional (66)
Salisbury (67)
" Delmarvia (67)
Shady Side (67)
Taneytown (67)
Webster T (67)
Westminster,CAP(67)
Worton

" Kent (67)

Adams (66)
Agawam Land & Seaplane Base (66)
" Bowles (66)
Auburn (67)
Ayer (67)

Barre Plains
" Miller (64)
Bedford R,T (67)
Beverly (67)
Billerica
" Shawsheen Plaza(67)
Boston R (67)
" Logan T (67)
Brant Rock FM (67)
Brockton (67)
Bropkfield (66)
Canton
" Boston-Metro (67)
Chatham (67)
Chicopee Falls
" Westover R,T (66)
Clinton,Bolton (67)
Dedham FM (67)
Dracut,Richardson(67)
East Brookfield (66)
Easton FM (67)
Edgartown (67)

Essex,Cape Ann (67)
Everett FM (67)
Falmouth (67)
" Otis (67)
Fitchburg (67)
Franklin FM (67)
Gardner (55)
Great Barrington (55)
Groton (67)
Hatfield,Pilgrim (55)
Haverhill (67)
Hyannis (67)
Lawrence (67)
Leicester (67)
Mansfield (67)
" Sherman Memorial (67)
Marlboro (67)
Mendon (67)
Montague
" Turners Falls (55)
Nantucket Isl. (67)
New Bedford (67)
Newburyport
" Plum Island (67)
Norfolk
" Franklin-Norfolk(67)
North Adams
" Stevens (55)
Northampton
" LaFleur (55)
North Attleboro
" Wilkins Fly.Fld (67)
North Grafton
" Grafton (67)
Norwood (67)
Oak Bluffs (67)
Orange (55)
Otis (67)
Palmer
" Metropolitan (55)
Peabody FM (67)
Pepperell, Glow (67)
Pittsfield (55)
Plymouth (67)
" OLF (67)
Provincetown Landing
Revere (67) (67)
Seekonk
" Providence (67)
South Boston LFM (67)
Southbridge (55)
South Easton,Ames(67)
South Weymouth T (67)
Spencer (67)
Springfield (55)
Squantum R,T (67)
Taunton,King (67)
Vineyard Haven
" Martha's Vineyard (67)
Wareham,Co.Club(67)
West Barnstable
" Cape Cod (67)
Westboro (67)
Westfield R (55)
" Barnes (55)
Westover R,T (67)
West Springfield (55)
Williamstown
" Fair View Farm(55)
Worcester (67)

MICHIGAN

Adrian,Adrian City (47)
Allegan (33)
Alma (33)
Alpena
" Phelps Collins (15)
" Scheidler (15)
Amasa (15)
Ann Arbor (141)
Armada,Center(33)
Athens,David (33)
Atlanta (15)
AuGres (15,33)
Baldwin (15,33)
Bangor FM (33)
Baraga,Big Lake (15)
Battle Creek R (33)
" Kellogg (33)
Bay City
" Elements (33)
Belding Flyers (33)
Bellaire (15)
Benton Harbor
" Twin Cities (45)
Big Beaver (141)
Big Rapids
" Mecosta Co. (33)
Birmingham,Berz (141)
Blaney,Blaney Park(15)
Breedsville (33)
Brevort (15)
Cadillac H,A (15,33)
Calumet
" Houghton Co. (15)
Caro (33)
Centerville
" St. Joseph Co. (47)
Charlevoix (15)
Charlotte,Beach (33)
Clare,Doherty (15,33)
Clio, West's (33)
Coldwater,Legg (47)
Comstock Park
" Grand River (35)
Croswell,City(33)
Crystal Falls
" Haight (15)
Davison,Seely's(33)
Detroit H (33,141)
" Burns (141)
" Detroit City T (141)
" Ford (141) (141)
" Grosse Isle NAS
" Nat'l Fly. Svc.(141)
" Joy (141)
" Wayne Co. (33)
Douglas
" Saugatuck-Douglas
Dowagiac (31,33)
" Cass Co.Mem'l (47)
East Jordan (15)
Eaton Rapids,Miller(33)
Elsie (33)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Flat Rock,Nanbar (141)
Flint H (33)
" Bishop T (33)
Flushing,Dalton (33)
Fostoria,Forrest (33)
Frankfort (15,31,33)
Fraser,McKinley(141)
Galesburg
" Avia.Coun.Club(33)
Gaylord
" Otsego Co. (15)
Gladwin A,H (15,33)
Grand Ledge
" Abrams (33)
Grand Rapids R (33)
" Kent Co. (33)
Grayling (15)
" Masons (15)
Greenville (33)
Harbor Beach (15,33)
Harrison (15,33)
Hartford
" Leach Aero Svc. (33)
Hastings (33)
Hillman (15)
Hillsdale (47)
Holland
" Park Township (33)
Houghton A,R(15)
Houghton Heights
" Houghton Lake (16)
Howell (33)
Indian River
" Campbell (16)
Ionia (33)
Iron Mountain,Ford (15)
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (33)
Jackson H (33)
" Reynolds (33)
Kalamazoo
" Austin Lake (33)
" Lindbergh (33)
Kalkaska (15)
Kinross (15)
Lakeview (33)
Lansing R (33)
" Capital City (33)
Lapeer (33)
Lawton,Marks (33)
Litchfield,Lamm(141)
Loretto (15)
Ludington
" Mason County(15,31)
Mackinaw City (15)
Maple Rapids (35)
Manistee-Blacker (15, Manistique 31)
" School-Craft Co.(15)
" Steuben (15)
Marenisco (15)
Marquette Co. (15)
Marshall,Brooks (33)
Mason,Jewett (33)
Menominee Co. (15)
Midland,Barstow (33)
Milan (141)
Mio (15)
Mt. Clemens
" Selfridge R,T (33)
Mt. Pleasant (33)
Munising,Alger Co.(15)
Muskegon R (31,33)
" Muskegon Co. (31)
" Northside (31,33)
Newaygo (33)
Newberry,Luce Co(15)
Newport (141)
" Monroe (47)
Niles (47)
Norway,Northland (15)
Onaway (15)
Oscoda (15,33)
Owosso
" Shiawassee Co. (33)
Paw Paw (33)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Plymouth
" Mettetal (141)
" Triangle (141)
Pontiac,Allen's (33)
" Pontiac (33)
Port Huron,Baker's(33)
" St. Clair Co. (33)
Prudenville
" Roscommon Co.(15, 33)
Raco (15)
Rexton,D.A.R. (15)
Rogers City
" Presque Isle Co.(15)
Romulus R (33,141)
Roscommon (15,33)
Roseville (141)
Rothbury,Oceana (31)
Saginaw A,H (33)
" Barry (33)
" Skyhaven (33)
" Tri City (33)
Saline FM (33,141)
St. Helen (15,33)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
Sault Ste Marie A,R(15)
Selfridge R,T (33)
Sidnaw
" Prickett-Grooms (15)
South Branch
" Timbers Sky Camp (33,15)
South Haven, City (45)
Sparta (33)
Sturgis,Kirsch (47)
Tecumseh (141)
Three Rivers
" Haines (47)
Traverse City A,R (15)
Utica, Wings (33)
Warren (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air Term.
" Stinson (141) 141)
West Branch
" La Porte (15, 33)
White Cloud (33)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (33,141)
Wyandotte,Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T (141)

MINNESOTA

Aitkin Mun. (14)
Albert Lea (29)
Alexandria A,R (11)
Amboy (29)
Annandale,Kentoby (14)
Anoka Fly.Svc. (14)
Appleton (11)
Austin, Decker (29)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (29)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato,Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
Detroit Lakes (11)
Dodge Center
" Pleasant Corners(14)
Duluth A,R(14)
Ely (14)
Erskine
" Erskine-Gunther(11)
Fairfax,Bleick (14)
Fairmont (29)
Fergus Falls (11)
Frontenac
" Lake City (14)
Fulda Mun. (28)
" Janssen (28)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (29)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky Rnch (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (28)
" McDowell Sky Ranch
Madison (11) (28)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld. (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T
Montevideo (11) (14)
Monticello,Hincks (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Heywood Gull Lake
New Ulm (14) (14)
Ortonville (11)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge(14)
Pipestone (28)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R,T (29)
Roseau (11)
St. Cloud
" Whitney Mem'l.(14)
St. Paul (14)
St. Peter (14)
Sherburn (29)
S. St. Paul
" Fleming (14)
Stanton,Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte,Gervais (14)
Triumph,Tri-Mont (29)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
White Bear Lake
" Northport (14)
Willmar R,A (11)
Winona (14)
Worthington (28)

MISSISSIPPI

Aberdeen,Stinson(115)
Baldwyn (91)
Batesville (89,115)
Beulah,Dossett(113)
Biloxi,Keesler R,T(129)
Brookhaven,Ulmer(113)
Bucatunna,Dobson(129)
Calhoun City (129)
" Johnstone's (115)
Canton, Lee (115)
Clarksdale (89)
" Fletcher (89)
Cleveland (113)
" Jones-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)
Corinth (91)
Drew,Collier (113)
Elizabeth,Leland(113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM(115)
Forest (115)
Glen Allan,Skinner(113)
Grace,Woodside (111)
Greenville,Mun. (113)
" Cypress (113)
" Dixie Dusting Co(113)
" Greenville AAF (113)
Greenwood R(115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport #1 (129)
" #2 (129)
Hattiesburg AAF (129)
"Glendale (129)
Heads, Cole. (113)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
Jackson,Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)
Laurel (129)
Leland
" Lakeview (113)
Louisville Air Svc.(115)
Lulu, Bass (39)
McComb (129)
McLaurin (129)
Marks (89)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Moorhead,Everett (113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (89)
New Albany Fly.Svc(89)
Newton,O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (89,115)
Pascagoula
" Jackson Co. (131)
Pelatchee FM (115)
Philadelphia,Friendly Flying Service (115)
Picayune (129)
Pickens,Presley's (115)
Pontotoc,Spook (89,115)
Rockport (115)
Scooba (115)
Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo (115)
Tutwiler,Strange(111)
Tylertown (129)
Vicksburg A,H (113)
Walls,Sanders (89)
Warrenton,Longview
West Point (115) (113)
Winona (115)
Yazoo City(113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A,R (89)
Aurora (89)
Bernie, Ward (89)
Bethany,Fordyce (41)
Bolivar (89)
Boonville (41)
Bowling Green (41)
Branson (89)
Brookfield,Bailey's (41)
Butler (41)
Cabool (89)
Cameron (41)
Campbell,Ramsey (89)
Cape Girardeau
" Cape Commercial
" Harris (89) (89)
Carthage,Myers (89)
Cassville (89)
Charleston (89)
Chillicothe H,A (41)
Chillicothe,Bailey's(41)
Clinton (41)
Columbia R,A (41)
Craig,Ward (39)
Diamond (89)
Ellisville (39)
Excelsior Spgs A,FM(41)
Farmington (89)
Fayette Fly.Fld. (41)
Fenton,
" Sylvan Beach (39)
Festus,Lucas (39)
Fulton (41)
Gallatin,Daviess (41)
Garden City,Wright(41)
Gideon (89)
Grant City
" Edwards Arpk (41)
Gravois Mills
" Mel Adkins Resort
Hannibal (41) (41)
Harrisonville (43)
Houston,King. (89)
Iberia, Eads (41)
Independence (43)
Jefferson City (41)
Joplin R, A (89)
Kansas City R,T (41,43)
" Heart of America(43)
" Kansas City-Grandview (43)
" Ong (43)
Kennett (89)
" Sexton (89)
Kirksville A, R (41)
" Arpk (41)
Kirkwood,Weiss (39)
Knobnoster
" Sedalia (41)
Lebanon (89)
Lexington (41)
Linkville FM (41,43)
Luray (41)
McBride,Chester (89)
Macon,Stephenson(41)
Malden AAF (89)
" Dexter (89)
" Gideon (89)
Marceline (41)
Marshall H, A (41)
" Nicholas (41)
Maryville (41)
Mexico,Green (41)
Moberly,Bradley (41)
Monett (89)
Neosho Com. (89)
" Mun. (89)
Neubeiser (39)
Nevada (89)
New Florence H,A (41)
Osborn (43)
Popular Bluffs,Earl (89)
Rolla (89)
St. Charles,Kratz (39)
" St. Charles (39)
St. Joseph R (41,43)
" Rosecrans T(41,43)
St. Louis R (39,41)
" Lambert-St. Louis
" Ross (39) T(39,41)
" Neubeiser (39)
" Starling (39)
St. Peters FM (39,41)
Sedalia (41)
" AAF (41)
Sikeston (89)
Slater (41)
Spanish Lake H,FM (39,41)
Springfield A,R (89)
" McFarland Fly.Svc. (89)
" Rogers (89)
Tarkio H, A (37,39)
Trenton,Vaughn (41)
Unionville Avyns (41)
Valley Park
" Meramec (39)
Versailles (41)
Vichy R, A (41)
Warrensburg (41)
West Plains
" Sky Haven (89)
Windsor,Huston (41)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,LFM (7)
Birney
" Bones Bros. Ranch
Bozeman R (6) (7)
" Gallatin (6)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forrest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow,Valley Co.(7)
Glendive (10)
Great Falls R,T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)

NEW FACILITIES: International Falls,Minn.(14) Buffalo, Mo.(89) Pittsville,Mo.(41) Joplin, Mo.,Harper (89) Seymour, Mo.,Owen (89) Van Buren, Mo.(89) Willow Springs, Mo.(89) Dixon, Mo.(89) Exeter, Mo.,Clover Hill (89) Fredericktown, Mo.(89) Gainesville, Mo.(89) Cuabbin, Mass H, FM (55) Grand Marais. Mich R (15) Bridger,Mont.(7) Pelkie,Mich.,Baraga (15) New Baltimore, Mich.,Anchor Bay (33) Armada,Mich(33) Bad Axe,Mich.(33) Chesaning,Mich.(33) Fremont,Mich.,City of Fremont (33) Howell,Md.,Midway(67) Hally,Mich.(33) East Tawas,Mich.,Iosco Co.(33) New Hudson,Mich.,Knapp (141) Lowell, Mich.(33) Plainwell,Mich.,McKay (33) Albion,Mich.,Morgan's (33) Gobles,Mich.,Wesler (33) Brainerd,Minn., Pine Beach (14) Red Oak.Mich.,Lost Creek Sky Ranch (15) Topaz,Mich.,Big Bear (15) Tawas City,Mich (33) Gaithersburg,Md.,Davis (67) Hanover,Mass.,Clark (57) Coldwater,Mich.,Branch Co.(47) Graafschap,Mich.,Tulip City (31,33) L'Anse,Mich.,Muzzy's (15) Monroe,Mich.,Custer (47,49) Springfield,Minn.(14) Quinnesec,Mich.,Northland (15) Romeo,Mich.(33) St. Johns (33) Utica,Mich.(33) Kentwood,Miss.(129) Carrollton,Mo.(41) Eldon,Mo., Model Arpk (41) Galt,Mo.,Ace High (41) Gorin,Mo.,Wylles (41) Hayti,Mo.,Downing (89) Kahoka,Mo.,Montgomery (41) Lucerne,Mo.,Myers-Hughs(41) Owensville,Mo.,Depperman (41) Palmyra,Mo.(41) Rushville,Mo.,East Atchison (43) St. Clair,Mo. (41) St. Joseph,Mo.,Glenata (43) Dexter,Mich.,Washtenaw (141) St. Joseph,Mo.,Lake Contrary (43) Trenton,Mo.,Embry (41) Tuscumbia,Mo.,Sky Lake (41) Warrensburg,Mo.,Sky Haven (41) Warrenton,Mo.,Zims (41) Warsaw,Mo.(41) Berkley,Mass.,Myricks (57) Benoit,Miss.,McCain(113) Charleston,Miss.,Sayle(115) Crystal Springs,Miss.(113) Merigold,Miss.,Jones(113) South Hadley,Mass.(55) North Dighton,Mass.,Mid-City(57) Gregory,Mich.,Richmond(33) Jonesville,Mich.(47) Union City,Mich.(33) Round Lake,Miss.,Watts(113) Edgarton,Mich.,Cedar Rock(33) Fenton,Mich.,Dauner (33) Flint,Mich.,Motor City(33) Grant,Mich.,Mun.(33) Marlette, Mich.(33,49) Millett,Mich.,Aero Manor(33) Wheaton,Minn.(11) Moorland,Mich.,Hutchinson's Sunnyside(33) Piconning,Mich.,Sportsman(15,33) Plainwell,Mich.,Otsego-Plainwell(33) Springville,Mich.,Irish Hills(141) Waterloo,Mich.(33) Woodland Beach,Mich.,Navarre(47,49) South Rockwood,Mich.,Flat Rock(141) Forest Lake,Minn.,Waidoch(14) Morgan,Minn.(14) Rosemount,Minn.,Southport(14) Sleepy Eye,Minn.,Mun.(14) Tracy,Minn.(11)

Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake LFM (6)
Hot Springs (6)
Huson,Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston (6)
" Mun. A,R (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula R (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polesbridge
" Quarter Circle M.C
Polson (6) Ranch (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby,Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico,Stehart (7)
Thompson Falls (3)
Townsend (6)
Troy (6)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Spgs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)
[redacted]
Ainsworth (28)
Alliance AAF (27)
" Mun. (27)
Atkinson (28)
Auburn (32)
Bayard (35)
Beatrice (37)
Beaver City,Hewett's
Benkelman (37) (37)
Big Springs (35)
Blair (39)
Bradshaw (37)
Brainard (37)
Broken Bow (37)
Bruning (37)
" Hawks (37)
Chadron R,A (27)
Chappell (35)
Clay Center (37)
Columbus (37)
Crawford (27)
Crete (37)
David City (37)
Decatur,Eagleton (39)
Elgin (37)
Fairbury (37)
Falls City (39)
Fort Robinson (27)
Franklin,Lakeside (37)
Fremont (37)
Geneva, Fairmont (37)
Gordon (27)
Gothenburg (37)
Grand Island R (37)
" Central (37)
Harvard (37)
Hastings (37)
" Sky Ranch (37)
Hayes Center R,A (37)
Hay Springs (27)
Hebron (37)
Holdrege (37)
" Mun. (new) (37)
Humboldt, Hew's (39)
Imperial (37)
Kearney (37)
" AAF H,T (37)
Lewellen, Patty's(35)
Lexington (37)
Lincoln A,R (37)
" Arrow (37)
" Union (37)
" Waverly (37)
Lisca (35)
Lorenzo (35)
McCook (37)
" AAF (37)
Mead FM (37,39)
Mitchell (35)
Nebraska City
"Grundman (39)
Norfolk (37)
North Platte R (37)
Oakland (37)
Offutt T (39)
Ogallala (35)
Ohiowa (37)
Omaha R, T(37,39)
" Clear Ridge (39)
" Offutt T (39)
O'Neill Mun. (28)
Ord (37)
Oshkosh (35)
Overton (37)
Pender (28)
Potter,Bar 'J' Lazy V(35)
" Idle Acres (35)
Ravenna (37)
Rushville,Modisett(27)
Schuyler (37)
Scottsbluff R,A (35)
Scribner (37)
Seneca (27)
Sidney (35)
Sidney,Int.H,A (35)
Stratton, Hall (37)
Stuart, Skrdla (28)
Tecumseh (39)
Valentine (27)
Valley (39)
Wayne (28)
West Point (37)
York (37)

NEVADA

Alamo,Pahranagat (79)
Austin (22,77)
Battle Mountain A,R(22)
" Flight Strip(22)
Boulder City (79)
Buffalo Valley (22)
Caliente (79)
Carlin FM (22)
Carson City (77,22)
Crystal FM (79)
Deeth FM (22)
Elko R (22)
" Keddie (22)
Ely, Yelland (23)
Fallon A,R (77,22)
" Lahontan (77,22)
Fernley (77,22)
" Lahontan (77,22)
Gabbs (77).
Goodsprings FM (79)
Hawthorne (77)
Humboldt R,A (22)
Indian Springs (79)
Las Vegas T,R (79)
" Alamo (79)
" Hoot Gibson's(79)
" Sky Haven (79)
" Vegas Sky Corral(79)
Lovelock (22)
" Int. (22,77)
Manhattan (77)
Minden
" Douglas-Tahoe (77)
Mormon Mesa (79)
Owyhee (22)
Reno R A (77,22)
" Hubbard T (77,22)
San Jacinto (23)
Scottys (77)
Searchlight (79)
Smith,Smith Val'y (77)
Sparks (22,77)
" Reno Sky Ranch(22,77)
Tonopah A, R (77)
" AAF (77)
" Bomb.&Gun.Rng(77)
Wadsworth FM (22,77)
Winnemucca (22)
" Int. (22)
Yerrington (22, 77)

NEW HAMPSHIRE

Berlin (18)
Boscawen FM (57)
Claremont (55)
Concord R, A (57)
Conway, Valley (57)
Grenier R, T (57)
Haverhill,Dean Mem'l(18)
Hampton (57)
Hinsdale,Brattleboro—Hinsdale Arpt. (55)
Hooksett Land & Seapl. Keene (55) (57)
" Dillant-Hopkins (55)
Laconia (57)
Lebanon A, H (55)
Manchester,Grenier R, T (57)
Nashua, Boire (57)
" Webster (57)
" Gate City Arpt (57)
Newport (55)
North Conway, White Mountain (18)
Plymouth (57)
Portsmouth (57)
Sommersworth,Wayside
Twin Mtn.(18) (57)
Winchester(55) (57)
Wolfeboro,Lakes Region

NEW JERSEY

Aridover,Trinca (71)
Asbury Park FM,A(71)
Ashland, Echelon (69)
Atlantic City (71)
" NAS T (71)
Barrington,Merrill(69)
Basking Ridge Sommerset Hills (71)
Belmar,Monmouth Co. (71)
Belvidere,Martins Creek (53)
Bendix,Teterboro T(71)
Blackwood (69)
Blairstown,Lake Susquehanna(53,71)
Boonton,Acft Rdo Corp.
Bridgeport (69) (71)
Bridgeton,Buck's (67)
Burlington (69,71)
Caldwell-Wright T (71)
Camden,Central (69)
Cape May (71)
" Courthouse Smith(71)
Cassville LFM (71)
Chatsworth,Coyle (71)
Clinton,NW Jersey (71)
East Hanover (71)
Elizabeth LFM (71)
Florence(69,71)
Forked River A,FM (71)
Fort Dix (71)
Freehold FM (71)
Glassboro,Triangle (69)
Greenwich (67)
Hackettstown (71)
Hightstown (71)
Lakehurst R,T (71)
Lakewood (71)
Landisville,Downstown
Lebanon FM (71) (71)
Lincoln Park (71)
Marlton-Medford (69)
Matawan R (71)
Metuchen FM (71)
Millville A, R. (67)
Moorestown (69)
Morristown (71)
Mt. Holly (69,71)
Newark R, T (71)
New Brunswick, Hadley (71)
" North Brunswick(71)
Ocean City,Clarke (71)
Paterson,Murchio (71)
Pennington (71)
Penns Grove (67)
Pitman (69) (67)
Pittstown,Alexandria
Princeton,Nassau(71)
Rahway,Westfield (71)
Readington,Solberg-Hunterdon (71)
Red Bank (71)
Richland,Cavolios (71)
Salem (67)
Sommerville,Somerset
Sussex (55) (71)
Toms River (67)
Trenton (71)
" Mercer Co.(69,71)
" Trenton (new)(69,71)
Vineland,Kroelinger(67)
Wildwood (71)
Woodbine (71)
Woodbridge, Shinn-Woodbridge (71)
Woodbury (69)
Wrightstown,Ft.Dix(71)

NEW MEXICO

Acomita A, R (81)
Alamogordo A,R (105)
" AAF (105)
Albuquerque A, R (83)
" Alameda (83)
" Cutter-Carr #2 (83)
" Graham Bell (83)
" Kirtland T (83)
" Sky Court (83)
" West Mesa (83)
Anton Chico (83)
Artesia (105)
Aztec (81)
Belen (83)
" Art Goebel (83)
Berino,Valley (105)
Carlsbad A,R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
Carrizozo (105)
Clayton (83)
Clovis R,A, (83)
" AAF T (83)
" Hillcrest (83)
Columbus R,A (105)
Cubero (81)
Cuervo (83)
" Holbrook's (83)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Skytel (105)
Des Moines,Wetherly(83)
Dora (107)
Eagle Nest (83)
El Morro R, A (81)
Engle R, A (105)
Farmington (81)
Ft. Sumner (83)
" #5 (83)
Gallup (81)
" Gallup City (81)
Hachita (105)
Harrington Ranch FM (105)
Hobbs R, A (107,121)
" AAF T (107,121)
Hot Springs (105)
Hurley (105)
Jal,Continental(107,121)
Juan Tomas FM (83)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (83)
Lordsburg (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (83)
Mesilla Park,State College (105)
Milnesand, Fly 'M' (107)
Mountainair (83)
Mt. Riley (105)
Otto R, A (83)
Peralta FM (83)
Portales (107)
Raton,Crews ((83)
" Eagle Tail (83)
Rodeo R,A, (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (83)
Ruidoso,Parker (105)
Santa Fe (new)H,A(83)
" (old) (83)
Shiprock,Indian Svc (81)
Silver City (105)
" Whitehill(105)
Socorro (105)
Springer (83)
Strauss,Jundt (105)
Taos (83)
Tucumcari A, R (83)
Tularosa (105)
Wagon Mound (83)

NEW YORK

Accord
" Cliff Haven (55)
Albany A, R (55)
Albion (51)
Amityville,Zahns (71)
Angola A, FM (51)
Amsterdam (55)
Angelica (53)
Arcade (51)
Armonk,Westchester-
Auburn (53) (55)
Auriesville FM (55)
Ballston Spa (55)
Barker Trade Sch. (55)
Batavia (51)
Bayport,Davis (71)
Bedford,White (55)
Beekman,Lime Ridge (55)
Bethpage,GrummanT(71)
Billings,Freedom Plains (55)
Binghamton (53)
Boonville (53)
Brentwood,Bender (71)
Brocton-Becker (51)
Buffalo R,T (51)
Burt,Lakeview (51)
Canastota (53)
Carlisle,Briggs (55)
Carthage (53)
Catskill Valley (55)
Cheektowoga FM (51)
Cicero (53)
Clarence,Co.Club (51)
Clayton,Sunnybrook (18)
Colonie FM (55)
Commack,Carll Skyport
Cooperstown (55) (71)
Corinth (55)
Cortland (53)
Dansville A, H (53)
Deer Park (71)
Delanson,Sky Haven (55)
Depew,Transit (51)
Dunkirk A, H (51)
" Werle (51)
E.Amherst,Steffen(51)
E.Greenbush (55)
E.Hampton (55)
E.Pembroke FM (51)
" Pembroke (51)
Edgemere,Rockaway
Elizabeth (55) (71)
Elmira R (53)
" Chemung Co. (53)
" Pine City (53)
Endicott,Tri-Cities T
Falconer (51) (53)
Farmingdale,Republic T (71)
Fisher's Isl,Elizabeth (55)
Flatbush H,FM (71)
Flushing (71)
Floyd Bennett R,T, H (71)
Fort Plain,Stone Arabia
" Int. (55) (55)
Fredonia (51)
Fulton (53)
" Arpk (53)
Gardenville,Buffalo(51)
Geneva,Mason (53)
Getzville,Audubon(51)
Glens' Falls H,A (55)
" Warren Co. (55)
Gloversville,Glove City
" Steenburg (55) (55)
Gowanda (51)
Greenridge,Hughes (71)
Halcott Ctr,Halcott (55)
Hamburg Arpk (51)
" Erie Co. (51)
Hamilton,Colgate U.(53)
Hammondsport,Bath-Hammondsport (53)
" Mercury (53)
Hancock (53)
Hempstead,Mitchel R, T (71)
" Nassau (71)
Herkimer,Hayduk (55)
Hicksville Arpk (71)
" Avia .Co.Club (71)
Hilton (53)
Honeoye Falls (53)
Hornell (53)
Horseheads,Eagle (53)
Hudson Falls (55)
Idlewild R (71)
Islip,MacArthur T (71)
Ithaca (53)
" Cayuga (53)
Jamestown (51)
Johnstown,Vaughan (55)
" Fulco (55)
Keene, Marcy (18)
Keeseville (18)
Kingston (55)
" Kingston-Ulster (55)
Kirksville (53)
Lake Placid (18)
Lake View (51)
Lancaster,Scott (51)
Livingston,Manor (55)
Lockport,Graf (51)
" Lee (51)
Mahopac (55)
Malone-Dufort (18)
Margaretville-Fleischman (55)
Massapequa
" Fitzmaurice (71)
Massena A, R (18)
" Stewart (18)
Mastic (71)
Mattituck (57)
Medina (51)
Mexico,Ladd's (53)
Middleburg,Valley(55)
Middletown,Randall's
" Starhaven (55) (55)
Millerton (55)
Mineola,Roosevelt (71)
Minoa (53)
Mitchel R, T (71)
Montgomery (55)
" U.S.Mil.Acad.#1 (55)
Monticello-Sullivan Co. (55)
Montour Falls,Martin (53)
Narrowsburg (53)
New Baltimore,Farly's (55)
Newburgh,StewartR,T (55)
" Stanton's-Newburgh Cub Port (55)
New City,Christie (55)
" Rockland (55)
New Hackensack A,R (55
New Paltz (55)
New Rochelle H,FM (71)
New Springville,Staten Island (71)
New York NAS,Floyd Bennett R,T (71)
" La Guardia R,T (71)
Niagara Falls T (51)
North Tonawanda,Co. Line (51)
" Shawnee Fly.Svc.(51)
Northville,Sacandaga Park (55)
" Plateau (55) (53)
Norwich,Warren Eaton
Norwood,Reagan (18)
Nyack,Miller (55)
Ogdensburg (18)
Olcott, Palmer (51)
Olean (51)
Oneonta,Keyes (53)
Orchard Park (55)
Owasco,Bonnie Brae (53)
Painted Post (53)
" Costa's (53)
Peekskill,Croton (55)
Penn Yan (53)
Perry Central (51)
" Fly. Svc (51)
Piseco (55)
Pittsford,Brizee (53)
Plattsburg,mun. (18)
Port Chester FM (71)
Port Jervis,Huguenot (55)
Potsdam,Damon (18)
Poughkeepsie,
" Arlington (55)
Pulaski,Ross (53)
Ravena (55)
Red Creek (53)
Rexford,Long Meadow (55)
Rhinebeck,Cozine(55)
Richland (53)
Richmondville
" Schoharie (55)
Ripley (51)
Rochester R,T (53)
" Comm. (53)
" Meacham-Genessee
" Hylan (53) (53)
" Ridgeway (53)
Rockaway Park EFM
Rome T (53) (71)
Rushville (53)
Salamanca (51)
Saranac Lake (18)
Saratoga Spgs FM (55)
Sayville (71)
Schenectady Co. (55)
" Intercity (55)
Schuylerville (55)
Scottsville (53)
Selkirk (55)
Seneca Falls (53)
Sidney (53)
Silver Creek (51)
Silver Springs (51)
Somers (55)
Springville (51)
Spring Valley Co.(55)
Stewart R,T (55)
Stormville (55)
Syracuse A,R (53)
" Mun T. (53)
Ticonderoga (55)
Tonawanda (51)
Travis,Richmond Co.
Troy (55) (71)
Tupper Lake (18)
Utica A,R (53)
" Smithport (53)
Valley Stream, Columbia (71)
Walden,Newburgh-Walden (55)
Wallkill,U.S.Mil.Acad. #2 (55)
Wappingers Falls (55)
Warwick-Wickham (55)
Watertown R (53)
" Bradley (18)
Wellsv'l,Crowner(53)
Westfield (51)
Westhampton Beach
" Suffolk Co. (55)
Westport (18)
White Plains,
" Westchester Co. T (55)
Whitesville, Community (53)
Williamsville,Sheridan (51)
Wilson Flying Fld (51)
Wingdale (55)
Wollcottsville FM (61)
Wurtsboro (55)

NORTH CAROLINA

Aberdeen (95)
Asheboro (95)
Asheville-Hendersonville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Barco (97)
Beaufort-Morehead City (97)
Balloon #1 (95)
Belmont (95)
Black Mountain (93)
Bogue (97)
Brevard,H & M (93)
Burgaw (97)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (97)
Camp MacKall (95)
Candor (95)
Carolina Beach(97,119)
Chadbourn Duke (95)
Chapel Hill,Wms. (95)
" Hogan (95)
Charlotte R (95)
" Cannon (95)
" Delta (95)
" Douglas T (93)
" Plaza (95)
Cherry Point R (97)
" MCAS T (97)
Clinton (97)
Concord (95)
" Coley (95)
Derita,Brockenbrough (93,95)
Draper,Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Spgs,Parkers(95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (95,93)
Enfield (97)
Erwin (95)
Fayetteville (95)
Ft.Bragg,Balloon (95)
" Pope R,T (95)
Franklin (93)
Gastonia,Mun.(95,93)

NEW FACILITIES: Ainsworth, Neb.,Mun.(28) Trenton, Neb. (37) Prattsville, N.Y.(55) Jonesville,N.Y.,Jewett (55) Errol, N.H. (18) Littleton,N.H.(18)Geneva,Neb.,Flying Service (37) Grand Island,Neb.,Roush (37) Kearney,Neb.,Harmon (37) Republican City,Neb.,Waldo Air Service (37) Superior,Neb.,Mun. (37) Ashland,N.H.,Riverside (57) East Jaffrey,N.H.,Silver Ranch (55) Franklin,N.H..Awys Inc.(57)Columbus,N.J.,Mahalchik (71)Woodston,N.J. (67) Jamesburg,N.J.,Forsgate Arpk Inc.(71) New Brunswick,N.J.,Mid-Jersey(71)Robbinsville,N.J.,Trenton-Robbinsville (71) Rocky Hill,N.J,.Princeton (71) Vineland,N.J. (67) Williamstown,N.J.,Star Harbor (71) Palmyra,N.Y.(53) Deming,N.M.,Cooper (105) Estancia,N.M.(83) Granfs,N.M.,Landing Strip (81)Lordsburg,N.M.,Kuykendall (103,105) Moriarty,N.M.,Longhorn (83)Duanesburg,N.Y. (55) Gardiner,N.Y. (55) Ghent,N.Y.,Kline-Kill (55) Sayville,N.Y.,New Sayville (71) Abbottsburg,N.C.,Bowless (95) Ayden,N.C.(97)Bladenboro,N.C.(95)Coats,N.C.,Smith's (95) Creswell,N.C.(97)Fort Calhoun,Neb. FM (37) Wisner,Nebr.,Heller(37) Portsmouth,N.H.,Lafayette(57) Whitefield,N.H.,White Mountain(18) Blackwood,N.J.,Almonesson(69) Bridgeton,N.J.,Seabrook(67) Mahwah,N.J.,Ramapo Valley(55) Pittstown,N.J.,Brown(71) Nyack,N.Y.,Wallington(53) Albemarle,N.C.(95) Tekamah,Nebr.(37) Wahoo,Nebr.(37) Breton Woods,N.J.,Ocean Co (71) Zepher Cove Nev. Tahoe Sea Harbor(77) Monroe,N.Y.,Nanticoke Valley(53)Calco Stack,N.J. H (71) Bridgeton,N.J.,Bridgeton-Deerfield(67) Millville,N.J.,Oliver(67) Linden,N.J. H (71)Geneva,N.Y.,Scenic Aire(53)

Gastonia,Spindale City (93,95)
Gibsonville, McLean Bros. (95)
Goldsboro, Seymour-Johnson (97)
Greensboro R (95)
" High Point T (95)
" Rooth (95)
Greenville (97)
Henderson (97)
Hendersonville (93)
Hickory (95,93)
High Point,Fraley(95)
Hoffman, Camp McKall AAF (95)
Jacksonville (97)
Julian,Gilmore #1 (95)
Kannapolis (95)
" Carolina Arpk (95)
Kings Mtn (95,93)
" Bridges(95,93)
Kinston (97)
" Smith (97)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (95,93)
" Burris (93,95)
Louisburg,Franklin(97)
Lumberton H (95)
Manteo FM (97)
" Roanoke Isl. (97)
Marion, Francis Marion (93)
Marion, Laurinburg-Maxton (95)
Mayodan,Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville,Harris (95)
Morganton
" Lenoir (95)
Morehead (97)
Mt. Airy (95)
" Colonial (95)
Mt. Olive (97)
New Bern FM (97)
" Simmons-Knott(97)
New River, Camp Le Jeune T (97)
Newton,Conover (95)
North Wilkesboro (95
Oak Grove T (97)
Oxford,Young (95)
Pinehurst,Knollwood(95)
Plymouth (97)
Polloksville, Oak Grove
Pope R,T (95)
Raeford,Upchurch (95)
Raleigh A,R, (95)
" C.A.P. (95)
" Raleigh-Durham T
Red Spgs,Brooks(95)
Reidsville (95)
" Warf (95)
Rockingham-Hamlet(95)
Rocky Mount (97)
" Avalon (97)
Roxboro (95)
Salisbury (95)
Sanford Lee Co.(95)
Selma (97)
Seymour-Johnson(97)
Shelby, Bridges (93)
" Byers (93)
Silver City,Gilmore(95)
Southern Pines,
" Skyline (95)
South Mills FM (97)
Spindale,Rutherford (93
Statesville (95,93)
Sylva (93)
Tarboro (97)
Thomasville (93)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (97)
Warrenton (97)
Washington,Warren(97)
Weaverville R,T (97)
West Jefferson (93)
White Lake,Beach(97)
Whiteville (95)
Wilmington Arpk(97,11
" Bluethenthal(97,119)
" Pelifer(97,119)
Wilson (97)
Windsor,Spivey (97)
Wingate,McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T(9
Tanceyville,Caswell(95)
Zebulon (97)
[redacted]
Abercrombie (11)
Ashley H,A (11)
Beach (10)
Bismarck A,R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington,Matheny(11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A,R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden,Mohr(11)
Glen Ullin (10)
Golva (10)
Grand Forks A,R(11)
Harvey (11)
Hettinger (10)
Jamestown A,R (11)
Judson FM (10)
Killdeer,Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott,Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R,A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo LFM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)
Wyndmere,Homestead (11)

OHIO

Akron A,R (49)
Alliance,Taylorcraft(49
Amanda,Wolfords(63)
Archbold A,H (47)
Ashland (49)
Ashtabula (51)
Athens,Ohio Univ(63,61)
Avon Lake LFM(49,141)
Barberton,Ling (49)
Bedford (141)
" Ward (141)
Bethel (61)
Bowling Green FM(49,
" Bricker (49,47) 47
Brecksville FM(49,141)
Bryan,Stombaugh(47)
Bucyrus,Port Bucyrus
Cambridge (63) (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (63,61)
Chesapeake,Huntington (63)
Chillicothe,Jones(63,61)
" Scioto Trail (63,61)
" Skypark (63,61)
Cincinnati R (61)
" Campbell (61)
" Cheviot (61)
" Lakewood (61)
" Lunken T (61)
" Mt. Healthy (61)
" Parks Watson(61,141)
Cleveland R,,T (141,49)
" Brooklyn (141)
Clinton Co. T,R, H (63,
Coldwater (47)! 47,61)
Columbus R (63)
" Clickenger (63)
" Lockbourne T (63)
" Norton (63)
" Ohio State Univ.(63)
" Port Columbus T(63)
" Price (63)
" Sullivant Ave. (63)
Conneaut,Lakeville (51)
Crooksville (63)
Dayton T,R (47)
" Dahio (47)
" South Dayton (47,61)
" Wright T (47)
Defiance,Bryan-Defiance Memorial(47)
E.Liverpool,Swaney(51)
Elyria A,H,FM(49,141)
Fairfield R,FM(47,61)
" Patterson T (47)
Findlay A,H (49,47)
Fostoria,Snyder (49,47)
Fremont,Slager (49,47)
Galion (49)
Gallipolis,Twin Cities (63,61)
Greenville,Lansdowne
" Treaty City(47) (47)
Grove City (63)
Hamilton (61,47)
Harrison (61,59)
Hayesville H,A (49)
Hicksville,Skinner(47)
Hilliard FM (63)
Hillsboro (61)
Hooker,Port Lancaster (63)
Hudson,Mid City (141)
Jackson,Shumate (63,61)
Kellys Isl.,Fenwick(49)
Kent, Kent State (49)
Kenton,Cedar Lawn(63,47)
Lancaster (63,61)
LeRoy,Westfield (49)
Lewisburg,Midway(47)
Lewistown,Voss (63,47)
Lima (47)
Lockbourne T (63)
Lodi (49)
Lorain City (141)
" Skyport (141)
Loveland FM (61)
Magnolia (63)
Mansfield (49)
" Gage (49)
Marietta (63,61)
Marion (63,47)
Mason,Attaway (61)
Massillon,Noble (49)
Medina,Prichard(49)
Middletown (61,47)
Minford,Knore(63,61)
Montezuma,Lakeview(47)
Mt.Liberty FM(63)
Mt.Orab FM (63,61)
Mt. Vernon,Wynkoop(63)
Nevada,Coons (49,47)
Newark A,FM (63)
New Holland,Tri-Co.(63)
New Parris
" New Westville (47)
New Philadelphia (63)
North Benton,Miller(49)
Northfield,Sky Haven(141)
North Hamilton(61)
North Royalton LFM(49
Norwalk (49) 141)
" Arpk (49)
" Parks Arpk (49)
Oxford,Miami Univ(59,61,
Patterson R,T (47) 47)
Paulding (47)
Perry H,A (49)
Piqua (47)
Port Clinton,Peninsula (49)
Portsmouth, Raven Rock (63,61)
Put-In-Bay (49)
Reynoldsburg,Snook(63)
Rushylvania,Port Core (47)
Sandusky, Hinde (49)
Sharonville, Cincinnati (61)
Sidney (47)
Solon (141)
Springfield (63,47)
" Crabill (63,47)
Summit Stn LFM (63)
Tiffin (47,49)
Tiltonsville, Scott(65)
Toledo R,T (49,47)
" Franklin (49,47)
" Nat'l Aviation (49,47)
Toronto (65)
Troy,Waco-Troy (47)
Urbana, Grimes(63,47)
Van Wert (47)
Vermilion FM,A (141)
Verona FM (47)
Wakeman, Ortner(141)
Wapakoneta
" Port Koneta (47)
Warren, Hall (51)
" Airways (51)
" Port Warren (51)
" Tyndall (51)
Washington Court (47,61
House,Wash.Arpk(63)
Watertown,Reed's(63,61)
Wauseon,Grieser (47)
Wellington (141)
Willard (49)
Williamsfield
Willoughby (141)
" Chagrin Harbor(141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington (63)
" Clinton Co.T,FMH (63)
Woodsfield (63)
Wooster (49)
Youngstown R,T (51)
" Bernard (51)
" Bird (51)
" Watson (51)
Wright T (47)
Zaleski (61)
Zanesville A,H (63)
" Briggs (63)
" Commerce (63)
" Riverside (63)

OKLAHOMA

Ada (85)
" Community (85)
" Walker (85)
Afton, Monkey Is.(89)
Altus (85)
" Mun. (85)
" Olustee (85)
" Walker (85)
Alva (85)
Anadarko (85)
Antlers (85)
Anthony A,H (85)
Ardmore A, H (85)
" Int. (85)
Arnett (81)
Atoka (85)
Bartlesville (85)
" Phillips T (85)
Beaver (85)
Blackwell (85)
" Marks (85)
Boise City (83)
" Comm #2 (83)
Bristow (85)
Buffalo (85)
Calumet, Bomhoff(87)
Carnegie,Dukes (85)
Cherokee,Jim.Ray(85)
Chickasha (87)
" Mariash (87)
Claremore,Rogers
Clinton (85) (85)
" Victory (85)
Cordell (85)
Cushing (85)
Davies - Jolly Aero(85)
Delhi (85)
Dill (85)
Duncan,Halliburton(85)
Durant,Comm. (109)
" Baker (109)
Edmond,Central (87)
Elk City, Bennett (85)
El Reno (87)
" Mustang (87)
Enid , AAF (85)
" North (85)
" Woodring (85)
Erick, Haddock (85)
Ft. Cobb, Caddo (85)
Ft. Sill, Post T (85)
Frederick (85)
Gage A. R (85)
Grandfield (85)
" Mun. (85)
Great Salt Plains (85)
Guthrie (87)
Guymon (new)(83)
" (old) (83)
Hartshorne (85)
Healdton, Davis (85)
Heavener (89)
Henryetta, Hawk's(85)
Hinton, Kingfish(85)
Hobart (85)
" Hunters (85)
Holdenville (85)
Hooker, Gustin (83)
Hugo,Weddington (109)
Idabel (109)
Jefferson, Kittenbrink (85)
Jet, Great Salt Plains (85)
Kingfisher (87)
Lamont,White Bros(85)
Langston,Univ. (87)
Lawton (85)
" Cameron College(85)
Lexington,Purcell (87)
Lone Wolf,Hohmann(85)
McAlester (85)
Mangum,Ponder (85)
Marietta FM(109)
Marlow (87)
Miami (89)
Moore, Wheatley (87)
Moseley,Brown Univ(89)
Muskogee,Davis (85)
" Hatbox-Muskogee(85)
Mustang FM (85,87)
Newall FM (85,87)
Newkirk,Skypark (87)
Norman,Westheimer (87)
Nowata (85)
Okemah (85)
Oklahoma City R,LFM (A)(85,87)
" Garthoeffner (87)
" Nuckols (87)
" Tinker R,T (87,85)
" Tulakes (87)
" Wiley Post (87)
" Will Rogers T (87,85)
Okmulgee (85)
" Com. (85)
Pauls Valley (87)
Pawhuska (85)
Perry (85)
Picher,Jameson (89)
Ponca City,A,H (85)
Post T (85)
Poteau (89)
Pryor, Long (85)
Red Fork FM (85)
Roosevelt R (85)
Sapulpa (85)
Sayre (85)
Seiling
" - Cook's (85)
Seminole (85)
Sentinel, Mem'l (85)
Shawnee Mun. (85)
Skiatook FM (85)
South Coffeyville
" Jensen (85)
Stillwater #1 (85)
" #2 (85)
Stilwell (89)
Stroud (85)
Sulphur (85)
Tahlequah (89)
Thomas, Kell-Air(85)
Tinker R,T (85,87)
Tishomingo (85)
Tonkawa (85)
Tulsa R,T (85)
" Brown T (85)
" Commercial (85)
" Harvey Young (85)
" North (85)
Verdigris River FM(85)
Vici (85)
Vinita, Fallin (85)
" Topper (85)
Walters (85)
Washington FM (87,85)
Watonga (85)
Waynoka
" - Kelsey (85)
Weatherford (85)
Wetumka, Boren (85)
Wewoka, com. (85)
" mun. (85)
Woodward (85)
" mun. (85)
Yukon, Cimmaron (87)
" Lake View (87)

OREGON

Albany (2)
Alkali Lake (22)
Arlington (2)
Astoria,Clatsop Co.R(2)
Aurora (143)
Baker A,R (3)
Bay Ocean FM (2)
Beaver Marsh (19)
Beaverton, Bernard
Bend, new (2) (143)
" old (2)
Boardman (3)
Brooks, Sky Acres (2)
Burns (22)
" Roe Davis (22)
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" Illinois Valley (19)
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A,FM(19)
Cow Creek (19)
Creswell, B &H(19)
Dallas (2)
Denmark,Curry Co. (19)
Eagle Pt.,Blue Star(19)
Enterprise (3)
Eugene R,A (2)
" Mahlon Sweet (2)
" Willamette (2)
Grants Pass (19)
Gresham,R.C.K.(143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
Joseph (3)
Klamath Falls A,R (19)
La Grande A,H,FM (3)
Lakeside (19)
Lakeview (19)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R,T (19)
" Piercy (19)
Milton, Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth, Adams (2)
Mulino,Green Acres(143)
Myrtle Creek (19)
Newburg,Sportsman(143)
Newport (2)
North Bend (19)
Ontario H (3)
Oregon City, Sky Park (143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R,T(2,143)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2)
Riddle, Tri-City (19)
Rome (22)
Roseburg (19)
Scappoose, Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Sutherlin,Sky Ranch(19)
Sweet Home,Lasmack (2)
The Dalles A,R (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (19)
Troutdale (143)
Vale (2)
Vernonia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-Worden Schuler(143)
" Tulsa (19)
[redacted]
Allentown R (53,67)
" Bethlehem (53,67)
" Convair (67)
Altoona R (65)
" Stultz (65)
Ambler, Wings T (69)
Andreas, E.Penn (53)
Annville, Millard (67)
Athens,Chemung Val'y
Beaver Falls (53)
" Patterson Heights (51)
Beaver Meadows
" - Green Acres (53)
Bedford (79)
Bellefonte (53)
Berwick (53)
Bethel, Grimes (67)
Bloomsburg (53)
Boothwyn FM (67)
Bradford,Harri-Emery (51)
" McKean Co. (51)
Bristol, Kaiser (69)
Brockway (51)
Brookville H,A (51)
Buckstown (65)
Butler-Alameda (51)
" Pittsburgh-Butler(51)
Canadensis,Barrett(53)
Campbelltown
" - Reigel (67)
Carlisle FM,A (67)
" Centerville (67)
Cecil H,FM (65)
Chambersburg (67)
" Sunset Airways (67)
Charleroi, Star Val'y (65)
Chester, Benedict (69)
" Buckman (69)
Clarion,Parker Cramer
Clearfield (51) (51)
Coatesville (67)
Collegeville
" Perkiomen (69)
Conneaut Lake (51)
Connellsville (65)
Conway (51)
Corry,Port Lawrence
Cresson (65) (51)
Daleville (53),
Danville (53)
Doylestown (69)
Dubois (51)
Duncansville, Altoona
Easton (53) (65)
" Bethlehem-Easton (67)
Ebensburg,Keystone(65)
Elysburg,Shamokin(53)
Emmaus (67)
Erie R (51)
Erie County (51)
" Port Erie (51)
Fogelsville (67)
Galeton,Cherry Springs (53)
Gettysburg (67)
" Doersom (67)
Gordon (53)
Granville, Cargill (67)
Greater Pittsburgh T
Greensburg (65)
" Pittsb.-Greensb(65)
Greenville (51)
Grove City (51)
Hanover, Devener (67)
Harrisburg R (67)
" State T (67)
" Penn-Harris (67)
Harrison City (65)
Hazleton
" Reifenberg (53)
Hershey (67)
Homesburg LFM (69)
Hookstown FM (65)
Huntingdon (65)
Indiana,Hamilton (65)
Jersey Shore (53)
Johnstown (65)
Johnsville T (69)
Kearsage,Erie City(51)
Kutztown (67)
Kylertown (51)
Lake Carey FM (53)
Lancaster (67)
" mun. (67)
Langhorne,Old Star(69)
Lansdale (69)
" Turner (69)
Latrobe (65)
Leechburg (65)
Lehighton (53)
Lewistown (67)
Linesville
" Merry's Pymatuning Lock Haven (51)
" Cub Haven (53)
Marchand,Braebreeze
Mars,Perry (51) (51)
Martinsburg,Blair (65)
Matamoras (55)
Meadville
" Penn-Mead (51)
" Port Meadville (51)
Mercer (51)
Middletown FM (67)
" Olmsted T (67)
Millbrook R (51)
Milton (53)
Mohrsville,Estler (67)
Montgomeryville
" Gloster (69)
Morrisville (69)
" Skyhaven (71)
Mt. Jewett (51)
Mt. Pleasant (65)
Mt. Pocono (53)
Mt. Union (67)
Muncy,Skyview Acres
Mustin T (53)
Myerstown, Lebanon Co. (67)

NEW FACILITIES: Maiden,N.C.,Grigg & Bynum (93) Gold Beach, Oreg.,Leith's (19) Spindale,N.C.,McDonald (93) Stanfield,N.C. (95) Malvern, Pa., Paoli-Malvern (67) Division Street,Oreg(143)Fairview, Oreg., Skylife(143) Lebanon, Ohio, Hightman (61,47) Jonesville,N.C.,Riverside (93,95) Morganton,N.C.,Riverside (93) Roanoke Rapids,N.C.,Halifax Co.(97) Winterville,N.C.(97) Woodville,N.C.(97) Argusville,N.D.,Walkinshaw (11) Selfridge,N.D.(10) Page,N.D.,Conrad Bros.(11) Ada,O.(47,49) Alliance,Ohio,Whiteley (49) Archbold,Ohio,Short's (47) Austintown,Ohio (51) Bluffton,Ohio,Flying Service(47,49) Bryan,Ohio (47) Continental,Ohio (47) Lake Milton,Ohio (51) Newton Falls,Ohio (49) North Kingsville,Ohio,Stout (51) North Lima,Ohio,Calvin (51) North Lima,Ohio,Elser (51) North Lima,Ohio,Welsh Fly. Svc.(51) North Madison,Ohio,Tuttle (49) Woodworth,Ohio,Southern Awys (51) Mt.Holly,N.C.(93,95) Springfield,Oreg.(2) Berwick,Pa.,Centre(53) Carbondale,Pa.,Carbondale-Clifford(53) Pandora, Ohio,Sky Riders(47) West Jefferson, Ohio,Montpelier (47) John Day, Oreg.(3) Sisters.Oreg.(2) Sutherlin,Oreg.,Sutherlin Valley(19) Danielsville,Pa.,Rockville-Danielsville(67) Emporium,Pa.,Slyder's(51) Monongahela,Pa.,Thompson(65) Honesdale,Pa.(53)

New Alexandria A,FM
New Castle (51) (65)
New Hanover (67)
" Layfield (67)
New Kingston,Taylor (67)
Nicholson-MtnView(53)
Norristown,Pateo(69)
" Valley Forge(69)
North Springfld FM(51)
Oil City,Splane (51)
Olmsted T (67)
Olyphant,Mid Valley(53)
Osceola Mills (55)
Paoli,Phila.Main Line (67)
Philadelphia, Budd (69)
" Boulevard (69)
" Bushi (69)
" NAAS, Mustin T (69)
" NE Phila. R,T (69)
" SW " R, T (69)
" Somerton (69)
Philipsburg R (51)
Phoenixville (67)
Pine Grove,Swatara Valley (67)
Pittcairn,Pitt-Wilkins (65)
Pittsburgh R (65)
" Allegheny T (65)
" Bettis (65)
" Greater Pittsb.T(65)
" Mayer (65)
Pottstown (67)
Pottsville,Schuylkill (67)
" Stowe-Pottstown(67)
Punxsutawney (51)
Quakertown,Grants (69)
" Arpt. (69)
Reading T (67)
" Berks (67)
" Madeira (67)
Reedsville,Mifflin Co. (53)
Ridgeway, Green (51)
St. Mary's (51)
Salix (65)
Sayre, Blue Swan(53)
Scranton (53)
Selinsgrove (53)
Seven Valleys FM (67)
Slatington FM (53)
Somerset (65)
State College,Air Depot (53)
Stroudsburg (53)
" East Stroudsburg
Summerhill FM (65)
Sunbury A,R,H (53)
Tamaqua (53)
Tarentum,Allegheny Valley (65)
Titusville (51)
Towanda (53) (53)
Tunkhannock,Skyhaven
Tyrone Speedway (65)
Utahville (51)
Vandergrift (65)
Warren (51)
Waynesburg,Greene
Waynesboro(67) (65)
Wellsboro,Grand Canyon (53)

West Chester (67)
Wilkes-Barre
" -Scranton A,R (53)
" -Wyoming Valley(53)
Williamsport A,R (53)
Willow Grove R,T (69)
Womelsdorf (67)
York (67)
" Valley (67)
Youngsville,Broken-straw (51)

RHODE ISLAND

Charlestown T (57)
Greene,Riconn(57)
Newport (57)
Providence R (57)
" Green T (57)
" Mineral Spgs.(57)
Quonset Point R,T(57)
Smithfield (57)
Westerly (57)
Woonsocket (57)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning(119)
Anderson A,H (93)
Bahnberg,Carlisle(119)
Barnwell(119)
Batesburg,Bradley(119)
Beaufort (119)
" Christenson(119)
" Rowe (95)
Calhoun Falls,Bentley (117) (95,119)
Camden,Woodward
Charleston R,T (119)
" Carolina Skyways(119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Bellinger(95)
Chesnee (93)
Chester,Mun.(95)
Clemson,King(93)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Owens (119)
Congaree (119)
Coronaca (119,93)
Darlington,Hartsville
Elloree(119) (95,119)
Estill (119)
Florence A,R (95,119)
Georgetown (119)
" County (119)
Greenville A,R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (119)
" Coronaca (119)
Hartsville (95)
Hones Path,Ashley(93)
John's Island (119)
Kershaw (95)
Lancaster,Coulbourn(95)
Lane (119)
Laurens,Barksdale(93)
Manning (119)
Myrtle Beach R,T (119)
Newberry (119)
North (119)

North Augusta (119)
Orangeburg
" Jennings(119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddy (95)
St.Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Memorial T (93)
Summerville FM(119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins
Trenton(119) (95,119)
Walterboro(119)
Wampee,Ocean Drive (119)

SOUTH DAKOTA

Aberdeen A,R (11)
Belle Fourche (10)
Britton,Mun.(11)
Brookings (11)
Carthage (11)
Chamberlain (28)
Custer,Bourassa(27)
Dell Rapids (28)
Edgemont (27)
Elk Point (28)
Eureka (11)
Faulkton,Biedenfelt(11)
Flandreau (11)
Gregory (28)
Hot Springs (27)
Huron R (11)
" W.W.Howes(11)
Madison (11)
Martin Bennett Co.(27)
Milbank (11)
Miller (11)
Mitchel (28)
" Anderson (28)
Mobridge (10)
Newell (10)
Philip H,A (10)
Pierre A, R (10)
Platte (28)
Presho Mun. (27)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
Reliance,Rancher's and Farmer's (28)
" Fletcher (28)
Sioux Falls A, R (28)
Sisseton Mun. (11)
Spearfish,Black Hills(10)
Stevens,Rickenbacker
Vermillion (28) (28)
Wagner (28)
Watertown A,R (11)
Winner (28)
Yankton (28)

TENNESSEE

Ashland (91)
Chattanooga R,T (51)
Clarksville,Outlaw (91)

Clifton (91)
Cookeville (91)
Cowan,Univ.of South(91)
Crossville (91)
Cuba FM (89)
Dandridge,Lakeside(93)
Dyersburg (89)
" Mun. (89)
Fairview FM (91)
Fayetteville, Dicks (91)
" Wilks (91)
Fisherville FM (89)

Graham (91)
Green Brier FM(91)
Henning,Keith (89)
Hohenwald, Brown (91)
Humboldt (91)
Jacks Creek R,A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
McMinnville,Boyd (91)
Madison Air Strip (91)
Manchester (91)
Martin,Gill-Dove (91)
Memphis R, T (89)
" Flying Svc (89)
" Martin (89)
" NAS T (89)
" Wilson (89)
" Wright (89)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St.Teachers Col.(91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville,Bomar (91)
Smithville R, A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R, T (93)
Tullahoma,Wm.Northern (91)
Union City, Stewart (89)
" Uptown (89)
Walterhill FM (91)
Whiteville (89)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
Adrian (83)

Alamo,Kahler (123)
Albany,Taylor (107)
Alice A, R, (123)
Aloe # 10 (123)
Alpine,Starns(107,121)
Amarillo A,R,LFM(83)
" English T (83)
" Tradewind (83)
Anahuac,Sky Harbor(127)
Anson (107,121)
Arcola FM (127)
Arlie (85)
Aragon #5 (121,105)
Arlington,Lucas(111)
" OLF (111)
" Sky Ranch (1
Asherton (123)
Atlanta (113)
Austin R (125)
" Bergstrom T (125)
" Haile (125)
" Robert Mueller (125)
" St Edwards (125)
Austwell (123)
Baird (107.121)
Ballinger,Bruce(107,121)
Bandera (125)
Mayan Ranch (125)
Beaumont A, R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Travland (123)
Belton (125)
Bergstrom T (125)
Biggs T (105)
Big Lake Mun. (107,121)
Big SpringR,T (107,121)
" Hamilton (107,121)
Bonham
" Jones (109)
Borger,Harnagel (83)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,
" White (107,121,125) 125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" Mauldin (123)
" International T (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(85)
Candelaria,Decker Ranch (105,121)
Canyon,W.Texas St.(83)
Carrizo Spgs.,Dimmit County (123)
Carthage Air Svc(109)
Castolon (121)
" Johnson Ranch (121)
Center (113)
Childress R (85)

Childress AAF (85)
Cisco (107)
Clarendon R, A (85)
Clarksville (109)
Claude (83)
Clear Springs #5 (111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe,Montgomery County (127)
Corpus Christi R (123)
" NAS R, T (123)
" Cliff Maus T (123)
" OLF #10 (123)
" OLF #11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Cabannis T (123)
" Cuddihy (123)
" Rodd T (123)
" Waldron (123)
" mun. (109)
" "75" (109)
Crane,Crane Co. (107)
Crosbyton.Paulder (107)
Crystal City(123)
Cuero (125)
" Edgerton (125)
Cox AAF (109)
Cypress,Jackson (127)
Dalhart (83)
" mun. (83)
" #1 (83)
" #2 (83)
Dallas R (111,109)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (111,109)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
De Kalb (109)
Delaware Spgs.(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co. (121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (83)
Dryden,Airdrome(121)
" Int. (121)
Dublin,Loyd Hines (107)
Dumas (83)
Duncanville H (109, 111)
Eagle Mtn.Lake (111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)

Eden (107,121,125)
Edinburg,Com. (123)
Edna ,Good(125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Biggs T (105)
" Mun. T (105)
Elsa (123)
Ennis (109)
Floydada (107)
Forney FM (111,109)
Fort Clark (121)
Ft. Hancock (105)
Ft.McKavett,C-B (107, 121)
Ft.Stockton,Dyche(107, 121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,LFM(111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" T.C.U. (111)
Freeport,Lake Jackson (127)
Friona,Benger (83)
Gainesville (109)
" Com. (109)
" Whaley Arpk (109)
Galveston A, R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes (109)
Gonzales,Faurie (111)
Goodfellow R (107,121)
Goose Creek,Humphrey
" Tri-Cities(127) (127)
Gorman (107)
Grand Prairie(111
Grauwyler Park H,(111)
Gregory FM (123)
Greenville,Caddo Mills
" Majors (109) (111)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (83)
Guadalupe Pass V,FM (105,121)
Guthrie R (107)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen
" All-Valley(123)
" Mun. (123)
Harpersville FM,A(107)
Hart, Roper (83)
Haslet H,FM(111,109)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (83)
Hillsboro,Byrn's (109)
Hitchcock T (127)

Hondo AAF (125)
Houston R,FM,T(127)
" Ellington (127)
" Erwin-Newman (127)
" Main Street (127)
" Minor Stewart(127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Jacksonville (109)
Joaquin R (113)
Joshua FM (109)
Karnack FM (113)
Kaufman,Wallace#2(111)
Kelly T (125)
Kennedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (83)
Kerrville(125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N) (123)
" (S) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A, R (123)
" Chupadera Rnch(123)
Laughlin (121)
Leaday,Miller(107,191)
Levelland (107)
Liberty,Darrell (127)
Littlefield,Duggan(107)
" Winston (107)
Llano Co. (107,125)
Longfellow,Cox (121)
" Yoas Ranch (121)
Longview,E.Side (109)
" Gregg Co. (109)
Loraine,Lion's Club (107,121)
Los Fresnos FM,A(123)
Lubbock A, R (107)
" Com. (107)
" So.Plains AAF (107)
Lufkin (127)
" Angelina Co. (127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg (127)
Magnolia Beach
" Indianola (123)
Marathon,Blair (121)
" McCombs (121)
Marfa AAF (107,121)
" (new) (105,121)

Marfa (old)(105,121)
" Allison Ranch (121)
" Aragon (121,105)
" Ryan #3 (105,121)
" South #1 (121)
Marlin, Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl.Bombing & Gun. Range (123)
Matagorda Peninsula (123)
Mercedes FM (123)
" Central Valley (123)
Mexia (109)
Midland R,A (107,121)
" Com. (107,121)
" #2 T (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission,
" Moore (123)
" Moore #1 (123)
" Moore #3 (123)
Monahans,mun.(107,121)
Moore #3 (123)
Morton,CochranCo. (83)
Muleshoe (83)
Muenster (109)
Nacogdoches (109)
Navasota R,A (127)
Newark,Eagle Mtn. Lake (111)
New Braunfels,Clear Spring #5 (111)
Odessa,Ector Co.(107, Old Ocean (127) (121)
Olney (107)
Orange (127)
" Brown (127)
Orla,Tex-Line (105,121)
Ozona (107,121)
" Kinser Rnch(107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (85)
" Int. (85)
" AAF (85)
Pandale (121)
Panhandle (83)
Paris,Cox AAF (109)
" Legion (109)
Parker Int.(109,111)
Pawnee (123)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (85)
Plainview,Hale Co.(83)
Port Arthur,Parker(127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca,Tanner
Post (107) (123)
Prairie Hill,Waco #5(109)
Presidio (121)
" Air Strip (121)

Preston (127)
Pyote AAF T (107,121)
Quannah,Comm.(85)
Quitman,McCloud(109)
Randolph R,T(125,111)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox(123)
" Int. (123)
Red Bluff,Hines(105,121)
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Spgs,Buzz(107)
Rockport,Aransas Co(123)
Rock Spgs,Sherrill(121)
Rodd T (123)
Rosenburg,Lane (127)
Rotan (107)
Ryan #3 (121,105)
Saginaw (111)
Salt Flat R,A (105)
San Angelo T (107,121)
" Goodfellow R (107, 121)
" No.Concho (107,121)
" Sky Harbor (107,121)
San Antonio,Alamo R,T (111,125)
" Bexar Co. (111)
" Brooks T (111)
" Davis (111)
" Hurt (111)
" Kelly R, T(111,125)
" Lake (111)
" Leon Valley (111)
" Martindale #4 (111)
" Mission (111)
" Randolph R,T(111,125)
" Stinson T (111)
" Yates (111)
San Benito (123)
Sanderson Land.Strp(121)
San Marcos R,T (125)
" Thompson (125)
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 (111)
Seminole (107,121)
Seymour (107)
Shamrock (85)
Sherman (109)
" Gaskin (109)
" Perrin (109)
Sierra Blanca (105)
Simms (109)
Sinton (123)
" Community (123)
Smithville (125)
Soncy FM (83)
South Plains T (107)
Spearman (83)
Spring Branch FM (111, (125)
Spur (107)
Stamford (107)
" Arledge (107)
Stanton FM (121,107)
Stephenville (107,109)
Stinnett (83)
Sulphur Spgs FM,A,H (109)

NEW FACILITIES: Conway, S.C.(119) Kingtree,S.C.,Gamble (119) Newport,Tenn.,McCoig(93)Buffalo, S.D.,Harding Co.(10) Gettsburg, S.D.(11)Arlington,S.D.,Lake Poinsett (11) Lake Preston,S.D. (11)Lemmon, S.D.(10) Murdo,S.D.(27) Oldham,S.D.(11) Selby,S.D.,Rehenberg (10) Bison,S.D.,Universal (10) Wall,S.D.(27) Webster,S.D.(11) Chattanooga, Tenn.,Thomas (91) Greenfield,Tenn.(91) Abilene,Tex.,Maker (107.121) Pittsburgh,Pa.,East Pittsburgh(65) Hampton,S.C.,Hampton-Varnville(119) Goldthwaite,Tex.(107)Gaffney,S.C.,Nesbitt(93) Mt. Pleasant,Tex.,Hoffman(109) Winnsboro,Tex.,Mulinax (109)Franklin, Tenn.,Air Service (91) Newman, Tex H (105) Bristol,Tenn.,Tri-City (93) Graham,Tex.(107), Mt.Pleasant,Pa.,Mt. Pleasant-Scottdale(65) Lolita,Tex.,Walker(123) Abion,Tenn.,Morris(89)Castroville, Tex.,Riomedina(109) Susquehanna,Pa.(53) Bishopville,S.C.(119) Chester,S.C.,Bratton (93) Odem,Tex.(123) Clio,S.C.,Mack Lamar (95 Redfield,S.D.,Deiter (11) Selby,S.D.,Rebenburg (10)Athens,Tenn.,Grey (93) Cleveland,Tenn.,Waterlevel (93) Copperhill,Tenn.,Copperhill-Ducktown (93)Glenmary,Tenn.,Pemberton (53) Arlington,Tex.,Pulley(111) Austin,Tex.,Aero-Tel (125) Dallas,Tex.,Marshall's (111) Decatur,Tex.(109) Fairfield,Tex.,Eagle (109) Ft. Worth,Tex.,Skyview (111)Ft.Worth,Tex.,Southworth (111) Fredericksburg,Tex.,Gillespie (125) Odessa, Tex.,West Odessa (107) Jacksboro,Tex.,Rodeo City (109) Irving,Tex.,Arpk (109) Kerrville,Tex.,West End (125) Memphis,Tex.,Mun.(85)New Braunfels,Tex.,Faust (111) St. Jo,Tex.(109) Snyder,Tex.(107,121) Stanton,Tex.(107,121) Philipsburg,Pa.,Black Moshannon (51) Myrtle Beach,S.C.,Parks(119)Clinton,Tenn.,Clinton-Oak Ridge(93) Churchill,Tenn.(93) Jacksboro,Tenn.,LaFollette(93) Loudon,Tenn.(93) White Pine,Tenn.(93) Donna,Tex.,Woods(123) Robstown,Tex.,(123) Mission,Tex.,Shary Mun.(123) Falfurrias,Tex.(125) Laredo,Tex.,Benavides(125) Pearsall, Tex.(125) Philipsburg,Pa.,Albert(51) Sharpsville,Pa.(51)

JULY 22, 1947

Sweetwater, Avenger (107,121)
TaR-Worsham (123)
Taylor (125)
Teague, Gage (109)
Temple, Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (83)
Texon, Parker (107,121)
Tulia (83)
Turkey (85)
Twitty (85)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde, Garner (121,125)
Van Horn (105,121)
" Culberson Co. (105, (121)
Velasco, Carter (127)
Vernon (85)
" Int. (85)
" Victory (85,107)
Victoria (123)
" Airc #10 (123)
" Foster (123)
" Foster #4 (123)
Waco A, R (109)
" Mun. (109)
" Blackland #1 (125)
" Newland (125)
" Riesel (109)
Waxahachie A, FM (109)
" Ellis Co. (109)
Weatherford A, FM (111)
" Parker Sky Camp
Webster FM (127)
Wellington (85)
Weslaco, Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch (107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A, R (107,121)
Winters (107,121)
Wolfe City (109)
Yoakum A, H (111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (79)
Bountiful, Sky Haven (23)
Brigham (23)
Bryce Canyon R, A (79)
Cedar City (79)
Corinne FM (23)
Delta A, H (23)
Duchesne (23)
Dugway (23)
Enterprise R, A (79)
Ephraim, Manti-Eph (23)
Fairfield A, R (23)
Fillmore (79)
Gouding Trading Post
" Monument Val'y (81
Grantsville (23)
Hanksville R, A (81)
Huntsville FM (23)
Hill T (23)
Knolls (23)
Layton FM (23)
Logan, Hillcrest (23)
" Logan-Cache Co. (23)
Low Flt Strip (23)
Lucin R, A (23)
Midvale (23)
Milford R, A (79)
Mt. Pleasant (23)
Myton (23)
Nephi (23)
Ogden R, A (23)
" Hill T (23)
" Hinckley T (23)
Price, Carbon Co. (23)
Promontory Pt. (23)
Provo (23)
Richfield (79)
Riverton R (23)
Roosevelt (26)
St. George A, R (79)
" Int. (79)
Salt Lake City R (23)
" #1 T (23)
Salt Lake #2 (23)
" Utah Central (23)
Sandy, Alta (23)
Spanish Fork (23)
Temple FM (23)
Tooele (23)
" Dugway (23)
Tremonton (23)
Vernal (new) (26)
" (old) (26)
Wendover R, T (23)

VERMONT

Barre-Montpelier (18)
Bennington (55)
Bristol (18)
Burlington R, T (18)
Fair Haven (55)
Grand Isle FM (18)
Huntington FM (18)
Manchester, Equinox (55)
Montpelier R (18)
Newport (18)
Rutland, (55),
St. Johnsbury, Brown (18)
Springfield, Hartness
Swanton, Austin (18,55)
Vergennes FM (18)
White River Junction
" Twin State (55)

VIRGINIA

Alberta (97)
Alexandria A, FM (67,69)
" Beacon (69)
" Crossroads (69)
Altavista (95)
Annandale, Springfield
Arcola R (67) (69)
Bedford (95)
Big Spring Gap
" Powell Valley (93)
Blacksburg, V.P.I. (95)
Blackstone A, R (97)
Bristol (93)
Cape Charles (97)
Charlottesville, Univ. of Virginia (65)
Chester FM (67)
" Midway (67)
Chilhowie FM, A (93)
Chincoteague T, R (67)
Clarksville-Finchley
Clover (95) (97)
Covington (65)
" -Clifton Forge (65)
Creeds (97)
Dahlgren NAF T (67)
Danville A, H (96)
Dawn FM (67)
Deep Creek FM (97,141)
Drivers, Monogram (141)
Eclipse FM (97,141)
Emporia (97)
Falls Church (69)
Farmville (97)
Fentress (141)
Franklin (141)
Fredericksburg
" Shannon (67)
Front Royal R (65)
" Stokes (65)
Galax (93,95)
Gordonsville A, R (65)
" Int. (65)
Greys Pt., Hummell (67)
Hampton, Peninsula (141)
Harcom (67)
Harrisonburg, Hartman
Herndon FM (67,69) (65)
" Blue Ridge (67)
Hopewell (97)
Hot Spgs., Ingalls (65)
Langley R, T (97,141)
Lawrenceville (97)
Leesburg (67)
Lexington (65)
Lively (67)
Lynchburg R (65)
" Preston Glenn T (65, (95)
" Timberlake (65)
Manassas (67)
Martinsville (95)
" Lester (95)
Melfa Figt Strip (67)
Milford (67)
Montvale, Buford's (65)
Mt. Vernon H, FM (69
Narrows (65) (67)
Norfolk R, T (97,141)
" Glenrock (141)
" NAS, Chambers (141)
" NAS, East R, T (97,141)
" S. Norfolk (141)
Oceana T (141)
Ononcock, Johnson (67)
Orange Co. (Orange) (65)
Parksley (67)
Petersburg (97)
" Colonial Hgts. (97)
Portsmouth, Cumberland
Pulaski R, A (61,95) (141)
Pungo (141)
Quantico R, T (67,69)
Radford (95)
Richlands (98)
Richmond R (67)
" Byrd T (67)
" Central (67)
" Hermitage (67)
" Northfield (67)
Roanoke R (95)
" Woodrum T (95)
Shenandoah (65)
Staunton (65)
Suffolk (65)
Tappahannock (67)
Virginia Beach (141)
Warrenton, Zieger (67)
Waverly (141)
Waynesboro, Augusta
" Valley (65) (65)
Weems, Currell's (67)
Weirwood, Kellam (67)
West Point (67)
Williamsburg, Scott (97)
" Wm & Mary (97)
Winchester (65)
Windsor, Garner (141)

WASHINGTON

Aberdeen, Moon Isl (2)
Almira, "JZ" (3)
Arlington, Aero Sch (2)
Auburn (143)
Bellevue, Lake (143)
Bellingham (2)
Blaine (2)
Bothell, Kenmore (2)
Bremerton, Kitsap Co. (143)
Burlington, Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas, Groves (143)
Chehalis, Co.-City (2)
Chelan (3)
Cheney, Savage (3)
Clarkston, Asotin Co. (3
Cle Elum (2)
College Place
" Martin (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton Flt. A (2)
East Sound, Orcas Is. (2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A, R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Harrington FM, A (3)
Huntsville, Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah, Seattle Sky Ranch (143)
Kelso (2)
Kennewick, Twin City (3)
" Vista (3)
Kent (143)
Kittitas, Cameron (2)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
McChord R, T (2,143)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Moses Lake (3)
Mt. Vernon, Barker & Dean (2)
" OLP T (2)
Neah Bay R (2)
Newport (3)
North Bend, Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak, Okanogan (3)
Opportunity, Lemen (3)
Orchards, Evergreen
Oroville, Scott (3) (143)
Pasco (3)
Patters, Anderson (3)
Port Angeles CGAS T
" Clallam Co. (2) (2)
Port Orchard, South Port Orchard (143)
Port Townsend, Co-City
Prosser (3) (2)
Pullman-Moscow Reg.
Puyallup (143) (3)
" Northern Tacoma
Quillayute (2) (143)
Renton, Boeing-Renton (143)
Republic, Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
Seattle R (2,143)
" NAS H.T (143)
" Boeing T (143)
" Seattle-Tacoma (143)
Shelton, Mason Co. (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway, Forest Grove
" Acft. Co. (143) (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term
" Felts T (3) (3)
" Geiger (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpt (143)
" Barrys Sky Harbor (143)
" City View Arpt (143)
" Lakewood (143)
" McChord R, T (143,
Toledo-Winlock (2) 2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun. (143)
Vista (3)
Walla Walla R (3)
" AAF T (3)
Washougal FM (2,143)
Washtucna (3)
Wenatchee, Pancher (2)
" Pangborn (2)
Westport (2)
Whidbey Island R, H, T
Wilbur (3) (2)
Winthrop, Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (2)

[redacted]

Beckley, Scott (61,63)
Buchhannon, Lewis (65)
Bunker Hill, Ridgeway (65)
Burlington, Baker (65)
Charleston R (61,63)
" Bollinger (61,63)
Clarksburg, Benedum
Elk Garden (65) (65)
Elkins A, R (65)
Glendale (65)
Greenbrier (65)
Hinton (65,61)
Hollidays Cove
" Weirton (65)
Huntington R (61,63)
Logan (61,63)
Marlinton (65)
Martinsburg A, R (65,67)
" North End (67)
Moorefield (65)
Morgantown A, R (65)
New Cumberland, Herron (65)
Parkersburg, Stewart
" Wood Co. (61,63) (61,63)
Paynesville R (61,63)
Pence Spgs., Hinton
Alderson (65,61)
Petersburg (65)
Princeton (63,61)
Ravenswood (63,61)
Romney (65)
Ronceverte (65)
Spencer, Roane Co. (63, 61)
Sutton (65,61)
Terra Alta, Forman (65)
Weston, Bennett (65)
Wheeling-Ohio Co. R
White Sulphur (65)
" Greenbrier AAF (65)
Williamson, Morris (61,63)
Winfield, Clark (61,63)

WISCONSIN

Amery (14)
Antigo (15)
Appleton, Outagamie (5, 31)
Arbor-Vitae (15)
Ashland (14)
Baraboo, Bell-Aero (31)
Barron (14)
Beaver Dam (31))
Black River Falls
" Jackson Co. (14)
Bloomer, Pines (14)
Boulder (15)
Boyceville (14)
Brodhead, Bill's (31)
Camp Douglas -
Camp Williams (29, Camp McCoy (29) 31)
Cedarburg, Grob (31)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,31) (31)
Colby-Abbotsford (14,
Cumberland Mun. (14)
Dallas (14)
Darlington, Red Rock (29,31)
DePere, Nicolet (15,31)
Durand, Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun.) (14)
Elkhorn (31))
Fifield, Boyd's Mason Lake (14)
Fond du Lac (31,15)
Genessee FM (31)
Grantsburg (14)
Green Bay, Brown Co. (15,31)
Green Lake (15,31)
Hales Corner, Wisconsin Skyways (31)
Hayward (14)
Hudson Fly. Svc. (14)
Janesville City (31)
" Rock Co. (31)
Kenosha A, FM (31)
Kohler (15,31)
La Crosse A, R (29)
" Int (29)
Ladysmith, Rusk Co (14)
Lake Delton, Wisconsin Dells Lake Delton (31)
Land O'Lakes, King's Gateway (15)
Lone Rock R, A (29,31)
Madison R (31)
" Morey (31)
" Four Lakes (31)
" Truax (31)
Medford, Taylor Co (14)
Manitowoc (15,31)
Manitowish
" - Waters Arpt (15)
Marshfield (14,31)
Merrill (15)
Milwaukee R (31)
" Brown Deer (31)
" Curtiss-Wright (31)
" Mitchell T (31)
" Skyhaven (31)
" Maitland (31)
Minong, Hultquist's Sky Ranch (14)
Monroe, Badger (31)
Neenah, Val'y Arwys
Neillsville (14) (15,31)
Oconto Mun (15,31)
Oconto Falls (15,31)
Omro, Ginnow (15,31)
Oshkosh
" Winnebago Co. (15,31)
Phillips (14)
" Price Lake (14)
Plymouth, Sky Village (15,31)
" Chaplin (15,31)
Portage, Mael (31)
Pulaski, Kubiak's (15,31)
Racine, Borlick-Racine (31))
Rhinelander (15)
Rice Lake (14)
" Arrowhead (14)
Sextonville, Richland
Shullsburg (29,31) (31)
Shawano (15,31)
Sparta, Sparta-Angelo (29)
Spooner (14)
Stevens Point (15,31)
Sturgeon Bay
" Cherryland (15,31)
Sturtevant, Air City (31)
Superior, Richard Bong
Three Lakes (15) (14)
Tomah (29,31)
Tomahawk (15)
Washington Island (15)
Watertown (31))
Waukesha Co (31)
Waupaca (15,31)
Waupun (31)
Wausau, Alexander (15,31)
West Bend Fly. Svc (31)
Whitewater (31)
Winter, Rainbow (14)
Wisconsin Rapids - Nepco Tri-City (15,31)

WYOMING

Afton (23)
Archer LFM (35)
Basin (7)
Big Piney (23)
Buffalo (7)
Casper R (26)
" AAF T (26)
" Casper Central (26)
" Wardwell (26)
Cheyenne, R, T (35)
Cody (7)
Cokesville (23)
Cowley, Cowley - Lowell-Bryon (7)
Douglas A, H (26)
Dull Center, Hoadley (27)
Evanston (23)
" City (23)
Fort Bridger R, A (23)
Gillette Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (23)
Kemmerer (23)
Lander (26)
Laramie R (26,35)
" Brees (26,35)
Lingle (27)
Lusk (27)
Meadows FM (35)
Medicine Bow (26,35)
Midwest FM (26)
New Castle, Mondell (27)
Parkerton FM (26)
Pine Bluffs (35)
Pinedale (26)
Point of Rocks FM (26)
Powell (7)
Rawlins (35)
Riverton (26)
Rock Springs (new)
" Mun. (26)
Saratoga (26,35)
Sheridan R, LFM (7)
" Sheridan Co. (7,35)
Silver Crown FM (26,
Sinclair R, A (26,35)
Sussex (26)
Thermopolis (26)
Torrington (27)
Ucross FM (7)
Wamsutter (26,35)
Wheatland (27)
" East Side (27)
Worland (26)

NEW FACILITIES: Bristol, Va., Combs (93) Spokane, Wash., Manito (3) Seattle, Wash., Bellevue (143) Lovell, Wyo., Mun. (7) Meeteetse, Wyo., Mun. (7) Shoshoni, Wyo. (26) Hurricane, Utah (79) Salina, Utah, Salina-Gunnison (23) Marysville, Wash., Marysville Bay Meadows (2) Iron River, Wis., Union (14) Colchester, Vt., Champlain (18) East Montpelier, Vt., Fairmont (18) Middlebury, Vt. (55) Thetford, Vt., Post Mills (55) Richmond, Va., Parnell (67) St. Albans, Vt., Point Hill (18) Spencer, Wis. (14) Elma, Wash. (2) Mossyrock, Wash. (2) Montesano, Wash., Summit (2) Laramie, Wyo. (26) Moran, Wyo., Signal Mt. (23) Vernon, Tex., Arpk (107) Portsmouth, Va., Roosevelt (141) Berlin, Wis. (15,31) Boscobel, Wis. (29) Coloma, Wis. (15,31) Lancaster, Wis., Fly. Svc. (29) Lemonweir, Wis, Mauston (29,31) New Lisbon, Wis, Tucker Fly Svc (29,31) Owen, Wis. (14,31) Platteville, Wis., Platte (29,31) Rothschild, Wis., Wisconsin Valley (15,31) Shell Lake, Wis. (14) Thorp, Wis. (14) Thorpe, Wis., City (14) Wonewoc, Wis, Castle Rock (29,31) College Place, Wash., Sky Ranch (3) Lemmington, Vt., Lemmington-Colbrook (18) Brodnax, Va., Pennington (97) Chatham, Va., Chatham-Gretna (95) Culpeper, Va. (65) Culpeper, Va., Reynolds (67) Elkton, Va. (65) Independence, Va., Cox (93,95) Luray, Va. (65) Norfolk, Va., Norview (141) Portsmouth, Va. (141) Suffolk, Va., Peanut City (141) Timberville, Va., New Market-Timberville (65) Virginia Beach, Va., Thalia (141) Waynesboro, Va. (65) Harrington, Wash., Armstrong's Ranch (3) Klipsan Beach, Wash., Ocean Park (2) Longview, Wash., Vision (2) Cumberland, W. Va., Herron (65) Taplin, W. Va., McDonald (61,63) Brewster, Wash., Riverview (3) Graham, Wash., S & S Airstrip (3) Mallott, Wash (3) San de Fuca, Wash., Whidbey Island (2)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aricraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

NAVY GROUND CONTROLLED APPROACH (GCA): Universal frequencies allocated primarily for Navy GCA operational use ,transmitting and receiving, are as follows:

HF Communications	VHF Communications
3475,4890,6640 kcs.	134.64,142.02,143.64 mcs.

Navy GCA Units shall be prepared to control aircraft on the interim U.S. emergency frequency, 140.58 mcs, transmit and receive. Use of this frequency should be restricted to emergencies and routine check of communication equipment.

In addition to above, Navy GCA Units will be prepared to transmit on HF from 2000 to 18100 kcs. and receive on 1500 to 9050 kcs to aid any plane in emergency.

To promote flight safety, the Navy Department has made its GCA facilities available to civil aircraft for emergency use. Practice approaches by civil aircraft is restricted to multi-engine aircraft because of personnel and equipment limitations. Navy GCA Units shall be prepared to control scheduled aircarriers in emergencies on 140.58 mcs and 3117.5 kcs, transmit and receive. In addition arrangements shall be made to transmit GCA control instructions on tower low frequency either directly or by relay through the tower to aircraft in distress and not able to receive on any other frequency.

Call signs for all Navy GCA Units are the name of the field plus "GCA". Example: "Norfolk GCA".

ARMY GROUND CONTROLLED APPROACH (GCA): (a) CONTACT: Pilots requiring GCA assistance should call the associated control tower requesting instructions for working GCA. Example: "Andrews Tower, this is Army 5555, request GCA". (b) TOWER **INSTRUCTIONS: Control towers will ascertain frequencies available to both** pilot and **GCA, advise the pilot and establish contact with the GCA unit. Example: "Army 5555, this is Andrews Tower, do you have channel G, over". "Andrews Tower, this is Army 5555, channel G available, over". "Army 5555, this is Andrews Tower, establish contact with GCA on channel G, out". "Andrews GCA, this is Army 5555, over". "Army 5555, this is Andrews GCA, your position is now etc.....". (c) EMERGENCY. When receiver and transmitter difficulties exist, the tower may relay Ground Controlled** Approach **instructions to the pilot. However, from a safety standpoint the procedure** should **be used as an emergency contingent only. (d) ALERTING GCA: After being inoperative, GCA units require approximately 20 to 30 minutes for warming up. Pilots should anticipate requirement for GCA in flight planning and request alerting of GCA units as far in advance as possible.**

C.A.A. GROUND CONTROLLED APPROACH (GCA): The C.A.A. has control tower operated GCA units at Washington National Airport, Chicago Airport and La Guardia Field. Another unit is operated at Indianapolis Airport but is not remoted to the tower. These units are available for practice purposes and emergency use.

CAA GCA UNITS

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs;109.5, 126.18 mcs.	3105,4495,6210, 3117.5 kcs;126.18, 118.1,118.7,122.5mcs.	Continuous.
Indianapolis Arpt, Ind.	212 kcs;126.18 mcs.	3105,3117.5,4495, 6210 kcs;126.18mcs.	0800-1600 Mon-Fri
LaGuardia Fld, N.Y.	209,362 kcs, 118.1, 118.7,121.9,126.1 mcs.Emerg: 118.3, 118.5,118.9,116.1, 140.58 mcs.	3105,6210,3117.5 kcs, 118.7 mcs.Emerg: 140.58 mcs.	Oper cont.Emerg use avail. only 0800-2400
Washington Nat.Arpt,D.C	322,278 kcs,118.1, 118.5,126.18 mcs Emerg: 140.58mcs	(4);118.1,118.5,122.5, 126.18 mcs.Emerg:(30 min.notice)-140.58mcs	Oper cont.Emerg use avail. only 0800-2400

NAVY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums; hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS, N.J.	*,275 kcs	+	200', 1/4 mi.30-min.not.
Cherry Point MCAS, N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	*,126.18,128.70 142.74 mcs,248kc	+,126,18,128.70 142.74 mcs.	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min. notice.
Jacksonville NAS (Lee Fld) Fla.	*,323 kcs	+	200',1/2 mi.15-min.not.
Miramar NAAS, Calif.	*,239 kcs	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*,323 kcs	+	100',1/2 mi.Continuous
New York NAS (Floyd Bennett), N.Y.	*,388 kcs	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs	+	200',1/2 mi.30-min.not.
Oakland Arpt, Calif.	*,278 kcs	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*,347 kcs	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*,275 kcs	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*,323 kcs	+	200',1/2 mi.30-min.not.
Whidbey Island NAS, Wash.	*,278 kcs	+	100',1/4 mi.30-min.not.

Standard freqs = 3475,4890,6640 kcs; 134.64,142.02,143.64 mcs.
* Standard, 3117.5 kcs,140.58 mcs, & HF from 2000 to 18100 kcs.
+ Standard, 3117.5 kcs,140.58 mcs, & HF from 1500 to 9050 kcs.

ARMY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Hrs. of operation,etc.)
	Transmitting	Receiving	
Fairfield-Suisun AAF, Calif.	HF,VHF minus channel A.	350,3117.5 kcs. VHF minus A, 350,3117.5 kcs, 1500-18000 req.	Cont during IFR;0900-2100 Mon-Fri;30-min notice other times.
Barksdale Fld, La.	3475,4890,6640, VHF minus 116.1	VHF,3117.5,4495, 6210 kcs.	0800-1700 Mon-Fri;cont. during IFR; 40-min. notice other times.
Westover Fld,Mass.	HF,VHF	HF,VHF,1500-18000,LF 200-400.	Cont during IFR;30-min notice other times.
Andrews Fld, Md.	HF,VHF	HF,VHF,1500-18000,126.18	Cont during IFR;0800-1700 daily;30-min. notice other times.
Clinton Co. AAF, Ohio	HF, VHF	VHF,1500-18000.	Cont during IFR;0800-2200 CFR; 30-min. notice other times.
Langley Fld, Va.	HF, VHF	VHF, 3105,3117.5, 4495, 6210 kcs.	Cont during IFR;0800-1630 CFR; 40-min. notice other times.
Mitchel Fld, N.Y.	HF, VHF	VHF,3105,3117.5, 4495,4765 kcs,	Cont. during IFR;training flights 0900-1130 & 1300-1630 during CFR; 40-min. notice other times.

HF=3475,4890,6640,3117.5 kcs (emerg airline freq) VHF=116.1,126.18,134.1,137.7, 137.88,140.58 mcs.

N.B. Weather minimums. For clearance purposes minimums established in TO-08-15-3 or AAF Regulations 60-16 apply.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

AIR NAVIGATION RADIO AIDS

LEGEND

(J) Station guards 3105, 4495, 6210 kcs
(4) Station guards 3105, 4495, 6210, 3117.5 kcs.
(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CL.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
LOR.....Low frequency omni-directional range
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle marker
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous
VOR.....VHF omni-directional range } voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •—	E-EASY •	I-ITEM ••	M-MIKE ——	Q-QUEEN ——•—	U-UNCLE ••—	Y-YOKE —•——
B-BAKER —•••	F-FOX ••—•	J-JIG •———	N-NAN —•	R-ROGER •—•	V-VICTOR •••—	Z-ZEBRA ——••
C-CHARLIE —•—•	G-GEORGE ——•	K-KING —•—	O-OBOE ———	S-SUGAR •••	W-WILLIAM •——	
D-DOG —••	H-HOW ••••	L-LOVE •—••	P-PETER •——•	T-TARE —	X-XRAY —••—	

1 •————	3 •••——	5 •••••	7 ——•••	9 ————•
2 ••———	4 ••••—	6 —••••	8 ———••	0 —————

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

(When city and airport names are identical, the airport name is omitted in the interest of space-conservation)

(A)	Airport name	(A) -	Owned or leased totally by Army
(N)	"	(N) -	" Navy
(CG)	"	(CG) -	" Coast Guard
(NG)	"	(NG) -	" National Guard
(A)	"	-	Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detach. or contract gas usually available.
(N)	"	-	Open to civilians but owned or leased wholly or in part by Navy.
(CG)	"	-	" Coast Guard.
(NG)	"	-	" WD or State Govt. (for Air Nat'l Guard. Lid svcg. and main. for transient military acft.
(P)	"	-	Civil airport opened to military acft. (See Note 3)
★	"	-	CAA Intermediate Field

CLASS
SIZE

4#: Length of longest landing strip (unpaved) in hundreds of feet
4#: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 9 miles in length are classified as unlimited and indicated as "unl")

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

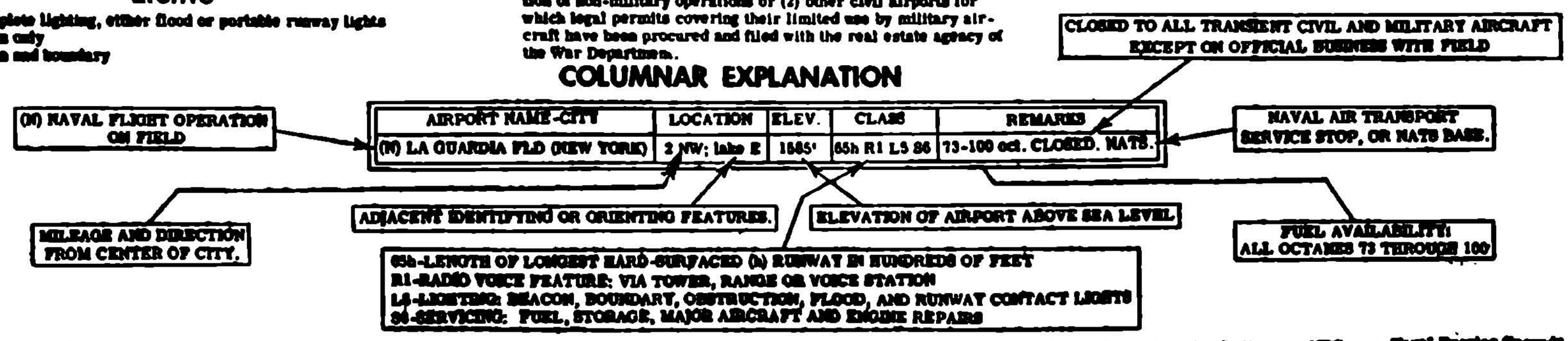
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields in isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1" "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. ➔ New or revised data. ★
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, L5-ED" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency. Only those private fields that are clearly identifiable from the air as airports are listed. Thus many personal use fields are not covered in the Guide because they are not marked or are too small.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A)	- Army Field	LTA	- Lighter than Air	NAAS	- Naval Aux. Air Station	NPG	- Naval Proving Grounds
AAB	- Army Air Base	MCAS	- Marine Corps Air Station	NAF	- Naval Air Facility	OLF	- Outlying Field (Navy)
AAF	- Army Air Field	MCAAF	- Marine Corps Aux. Air Facility	NAS	- Naval Air Station		
CGAS	- Coast Guard Air Station	(N)	- Navy Field	(NG)	- National Guard		

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP

FLIGHT PLANNING CHARTS

July 8 1947

LEGEND

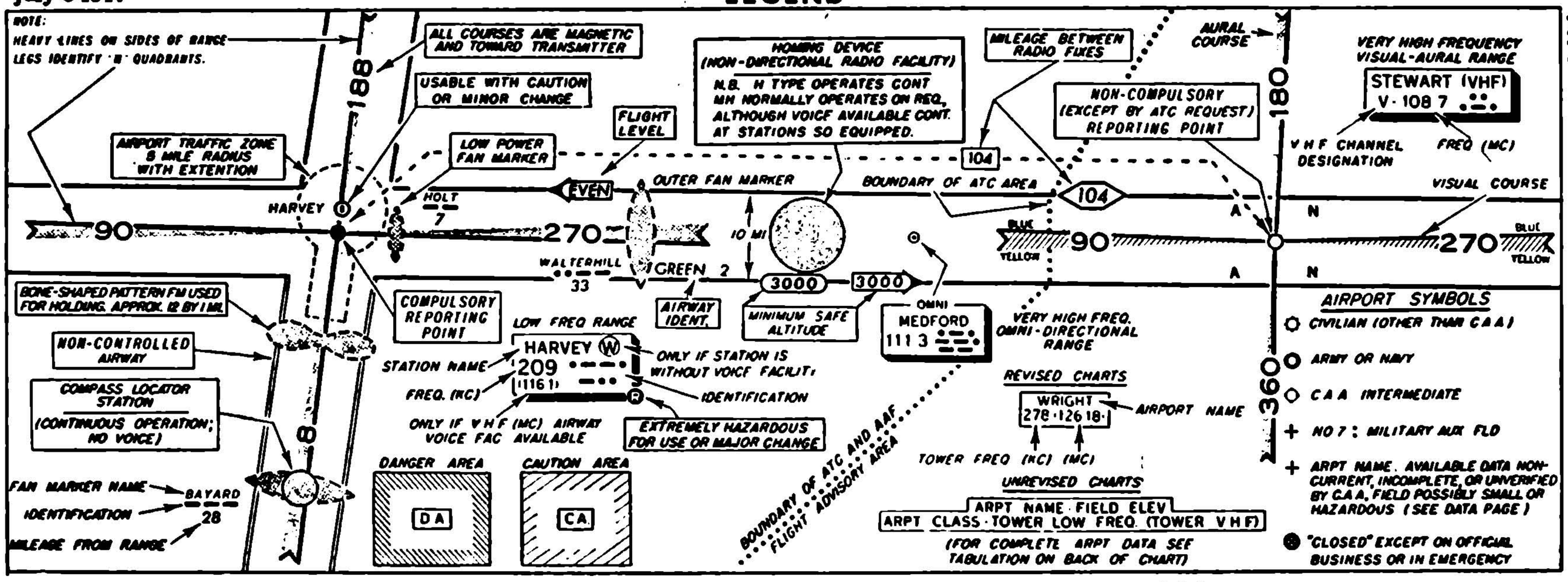


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages; (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range freqnency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

WARNING

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations, H stations, and commercial broadcast stations.

RADIO — OREGON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ASTORIA (Clatsop)	323 (AST)	MRLZ; 99°, 6.9	3105.6210 by pre-arrangement & oper 7-17
BAY OCEAN FM (Navy)	(- - - -)	FM, 303°, 7.5	Tillamook NAS
EUGENE (Mahlon Sweet)	251 (EU) (116.1)	SBRAZ-DTV, 150°, 4.5	(4); 116.1 (ILS)
PORTLAND	332 (PD) (vhf)	SBRAZ-DTV, 168°, 3.1	(3); 116.1, 122.1
REDMOND (Roberts)	368 (RG) (116.1)	SBRAZ-DTV; 101°, 4.3	(4); 116.1
THE DALLES	230 (ND) (116.1)	SBRAZ-DTV, 251°, 2.8	(4); 116.1
TILLAMOOK (Navy)	520 (NFS)	BMRLZ	3105, 4495. Manned 8-sunset.
Tillamook NAS	278 (142.74)	CN, 123°, 2.5	(3); 142.74 8-sunset, later on req
WILLAMETTE FM	(- -)	FM, 176°, 20.6	Portland

RADIO — WASHINGTON

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BELLINGHAM	209 (JJ) (116.1)	SBRAZ-DTV, 114°, 2.9	(4); 116.1
CAMANO ISLAND FM (Navy)	(- -)	FM, 123°, 9	Whidbey Island NAS
DUNGENESS FM	(- - - -)	FM, 296°, 62	Seattle
EASTON FM	(- - - -)	FM, 270°, 37	Ellensburg
ELLENSBURG (Bowers)	385 (EB) (vhf)	SBMRAZ-DTV, 270°, 2	(4); 116.1, 122.1
EVERETT (Paine)	224 (MI) (vhf)	BMRLZ-DTV, 330°, 3.1	(4); 116.1, 122.1
HOBART FM	(- -)	FM, 88°, 15	Seattle
LA CENTER FM	(- - - -)	FM, 331°, 12	Portland, Oreg.
LAKEVIEW FM	(- - -)	FM, 175°, 25.5	Seattle
McCHORD (Tacoma) (Army)	272 (DTA)	BMRL; 26°, 1.7	
MOUNT VERNON OLF	3295 (126.18) (142.74)	CN	3105, 4495; 126.18, 142.74 (24 hrs adv notice only)
NEAH BAY	362 (KQ)	SRAWZ	
PORT ANGELES CGAS	3295 (142.74)	CN	3105, 4495; 142.74 (8-1630)
SEATTLE (King County)	260 (SA) (116.1)	SBRAZ-DTXV; 296°, 2.8	(3); 116.1, 122.1
STEVENSON FM	(. . -)	FM, 63°, 32	Portland, Ore.
TOLEDO (Toledo-Winlock Int.)	239 (GL) (vhf)	BMRLZ-DTV, 235°, 2.8	(4); 116.1, 122.1
WASHOUGAL FM	(-)	FM, 63°, 17.5	Portland, Ore.
WHIDBEY ISLAND (Navy)	353 (NUW)	BMRLZ	(3)
Whidbey Island NAS	278 (142.74, 126.18)	CN (GCA); 303°, 3.3	(3); 142.74, 126.18. Tr. and gds 116.1, 140.58 on req.
WHIDBEY ISLAND NAS (Navy)	522 (K)	MH	(4) cont.
Whidbey Island NAS (Seaplane)	2870 (142.74)	CN	(3); 3155; 142.74 (24 hrs advance notice)
WOODLAND FM	(. - - - - -)	FM, 331°, 23	Portland, Ore.
YAKIMA	320 (YA) (vhf)	BMRLZ-DTV	(3); 116.1, 122.1
Yakima Co. Airport	278 (118.5)	AC; 267°, 4.7	(4); 118.5, 122.5, 142.74

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MAHLON SWEET (L6)	109.9 •• —	333.8	159°	IM-	MM- •— — (0.63)	OM- — — (4.5)	
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Silverton)	1.2 NW; RR E	267	33 S4	80 oct.
Albany	2.5 NE; RR NW	235	26 S6	80 oct. P-line SW. Trees S, SW.
* Arlington Int, 12B, PD-SM	1.4 ENE; riv NW	872	50 L3	
Bend (new)	5.5 ENE; hwy S	3429	40 S6	80, 91 oct. Pwrline SE. Use strips.
(P) Clatsop (Astoria)	3 SW; riv E	9	58h R1 L5 S6	80-100 oct. FEE for lgts. Lgts on req
Coastway School of Aeronautics (Tillamook)	1.4 E	55	29 S6	80 oct. Ctn when wet.
(P) Corvallis	4.9 SSW; hwy E	235	52h S6	80, 91 oct.
Corvallis Junction	1.3 NNE; RR W	240	20 S6	80 oct.
Dallas	1.2 N; RR S	372	23 S2	80 oct. ENE, WSW blkd.
Eugene Airpark	1.6 SW; rd W	420	28 S6	80, 91 oct. Trees NNW.
Harrisburg	2 NNE; RR E, W	300	25 S1	80 oct.
Hood River	2.5 S; riv E	605	19 S1	80 oct Soft when wet. Brush E.
Langmack (Sweet Home)	2 E; RR N	550	32 S2	80 oct. E blkd. Trees W.
Lebanon	1.3 SW; RR E	340	36 S6	80 oct.
(P) Madras	2 NNW; RR SE	2420	74h	
NEW AIRPORTS				
Bend (Ore) N.C.	7.8 N	3350	44	Use in emerg.
Sisters (Ore)	1 NE; hwy S	3198	37	Trees NE, E. Wblkd. PRIVATE

AIRPORTS — OREGON

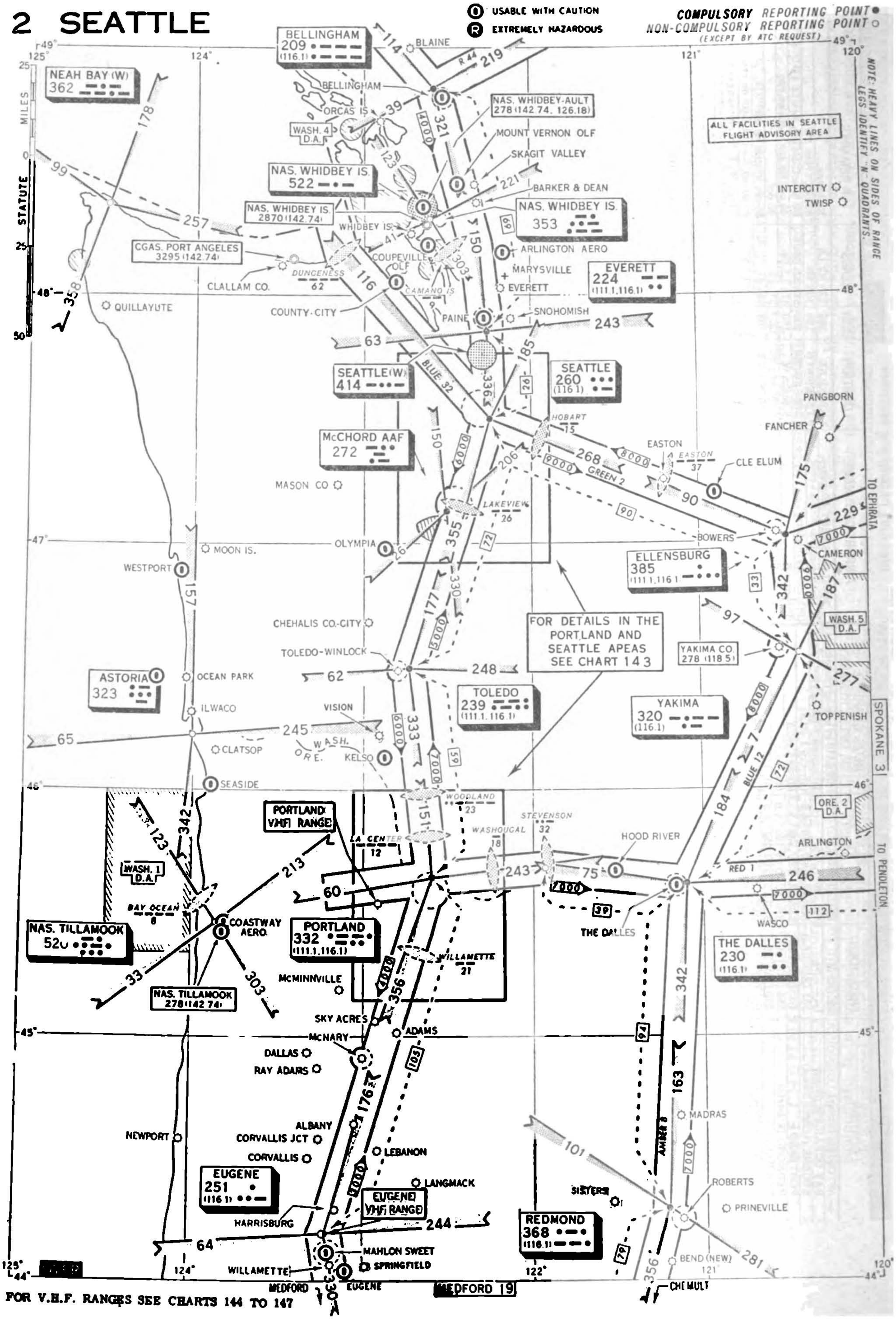
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MAHLON SWEET (Eugene)	8 NW; RR NE	365	52h R3 L6	No tower.
McMinnville	3.1 ESE; hwy N	156	50h S6	80 oct. Trees SW.
(P) McNARY (Salem)	2.2 SSE; RR SW	207	55h L5 S6	80, 91 oct. No sto.
(P) Newport	4 S; ocean W	160	51h L5 S4	80 oct. No sto. Lgts on req.
Prineville	2.9 SW; hwy SE	3237	37 S6	80 oct.
Ray Adams (Monmouth)	2.2 NNW; RR E	195	23 S1	80 oct. Cattle on fld.
(P) Roberts (Redmond)	1.5 SE; hwy N	3075	70h L5 S6	80, 91 oct. No bcn. Lgts on req.
Santiam Junction Flight Strip	21.5 SSE; hwys N	4000	30	Trees W, E. Steep down grade to W Large hill E end W approach.
(Idanha) (NC)				
Sky Haven (Brooks)	See Sky Acres under "New Airports" - name changed.			
(P) The Dalles	1.7 NE	239	51h R1 L5 S6	80, 91 oct.
(N) Tillamook NAS (N)	3 SE; riv N	35	50h R2 L5 S4	91 oct. Used by LTA, HTA.
Vernonia (NC)	2.4 WSW; riv S	620	29	Obst sur fld.
Wasco	0.4 E; RR SW	1420	18 S1	Ltd 80 oct.
Willamette Arpk. (Eugene)	4.8 W; hwy S	420	25 S6	80, 91 oct.

AIRPORTS — WASHINGTON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Arlington Aero. School	3 SW; hwy W	129	53h L5 S6	80, 91 oct. Rnwy lgts prior req.
Barker & Dean (Mt. Vernon)	2.2 S; RR, riv W	4	20 S4	73, 80 oct. Trees NW
(P) BELLINGHAM	4.5 NW; hwy E	158	50h R1 L5 S6	80, 91 oct. ARPT OF ENTRY
Blaine	0.5 E; RR W	15	15 S1	80 oct. P-line SSE. Ctn when wet.
(P) Bowers (Ellensburg)	2.5 NE; hwy S	1767	59h R1 L5 S6	80, 91 oct. Ctc lgts prior req.
Cameron (Kittitas)	0.5 N; RR S	1650	26	
(P) Chehalis Co.-City	0.6 NW; RR E	174	50h S6	80 oct. No sto.
Clallam Co. (Port Angeles)	3.2 WNW	290	52h S6	80 oct.
Cle Elum	2.4 E; hwy S	1930	25 S4	80 oct.
County-City (Port Townsend)	5 SSW; hwy ESE	110	33 S6	80, 91 oct. P-line WNW. Trees ESE.
(N) Coupeville OLF (N)	2 SE	193	54h	CLOSED. ARPT OF ENTRY.
* Easton Int, 5B, SA-HL	1.7 NNW; RR SW	2221	30 L2	Trees, mtns WNW.
Everett	3.5 NNE; riv N	15	21 S2	80 oct. P-line W, Ctn winter.
(P) Fancher (Wenatchee)	2.5 NE; hwy S	1440	33h L5 S6	80, 91 oct. Fld lgts prior req. P-line SE.
Forks (NC)	1 SW; rd S	286	23 S1	80 oct. Trees ENE, WSW, HAZARDOUS
Goldendale (NC)	0.6 SE; RR W	1600	20	Pole line E, SE. Ditch center. HAZ-
Ilwaco	1.5 ENE; Bay S	8	20 S2	80 oct. ARDOUS.
Intercity, USFS (Winthrop)	4 SSE; riv SW	1650	32 S1	80, 91 oct. Mtns SE.
Kelso, 61A, SF-SA	1.4 S; RR SW	25	29 L3 S6	80 oct.
Kenmore (Bothell) (NC)	2.3 NW; rd E	420	17	12-14' brush NNE, SSW.
(P) MOON ISLAND (ABERDEEN)	6 W; harb N, S	14	50h L5 S6	80, 91 oct.
(N) Mount Vernon OLF (N)	5 NW; RR S	146	53h R1	Pole line N. CLOSED.
Olympia	4.5 S; hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound)	0.7 N; hwy E	25	24 S2	80, 91 oct.
(P) Paine (Everett)	6.5 SW; hwy NE	602	65h R1 L5 S6	80 oct. Fld lgts prior req.
PANGBORN (Wenatchee)	5.3 ESE; hwy S	1246	46h L5	Contact lgts prior req. Mtns N, E.
Pasayten, USFS (Winthrop) (NC)	38 NW; riv E	4250	28	Use in emerg. only. Clsd to public.
(CG) Port Angeles CGAS (CG)	2 NNE	13	45h R1 L5 S1	91, 100 oct. Lgts prior req.
Quillayute	0.7 NNW;	195	50h	8 mi. W of Forks.
(N) Shelton NAAS (N)	See Mason County Arpt under "New Arpts" - name changed.			
Skagit Valley Air Svc. (Burlington)	0.7 S; RR E	35	20 S1	80 oct. Pwrline S. Use strips only.
Snohomish	0.9 SW; RR N	16	30h S6	80, 91 oct. Rnwy data unver. Poles ESE.
Snoqualmie Pass (North Bend)	3.5 ESE; hwy S	680	19	Trees WNW, ESE. (NC)
* Toledo-Winlock Int, 63B, SF-SA	3 NE; hwy W	371	51h R1 L3 S2	80, 91 oct.
Toppenish	3.2 SSW; hwy E	835	32 S3	80 oct.
Twisp	1.9 SE; riv S	1620	19 S1	80 oct. Hills NNW.
Westport (NC)	0.5 N; harbor E	5	18 S1	80 oct. P-lines NW. Ctn.
(N) Whidbey Island NAS (N)	3 NW Oak Harbor	17	70h R2 (L6) S2	91, 100 oct.
YAKIMA COUNTY	2.8 SSW	1058	50h R2 L5 S6	80, 91, 100 oct. Pole line S.
NEW AIRPORTS				
Sky Acres (Brooks, Ore.)	1.6 NE; RR W	180	20 S1	Ltd 80 oct.
Seaside (Oregon)	1.5 NE; RR W	6	17 S4	80 oct. No sto. (Marysville, Wash.)
Marysville Bay Meadows Arpk	2 N; rd W	60	13	Very dangerous appchs.
Vision (Longview, Wash.)	6.2 NNE; riv N, E	20	31 S1	80, 91 oct. NW blkd. Use with ctn
Springfield (Ore)	1.6 ENE; hwy 0.5 S	460	20 S1	80 oct. Ctn-wet weather. P-line E
Ocean Park Sky Port	0.5 S; hwy W	10	21	P-line S. (Klipsan Beach, Wash)
Elma (Wash.)	0.8 S; rd W, riv S	60	26	P-line W.
Summit (Montesano, Wash.)	2.9 W; hwy S	190	22 S1	80 oct.
Mossyrock (Wash.)	1 W; hwy SW	613	19 S1	80, 91 oct.
(N) Mason Co. (Wash.)	2.5 NW; hwy ENE	278	52h L S6	Twr NW. No navy facs. Lgts prior req. →
Whidbey Is (San de Fuca, Wash.)	1.0 N; bay S	185	16 S1	80, 91 oct. Trees N

Servicing ... (NC) Not Charted; → New or revised data.

2 SEATTLE



FOR V.H.F. RANGES SEE CHARTS 144 TO 147

SPOKANE 3

• COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

E: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN NO 1
OKANOGAN LEGION
MALOTT
RIVERVIEW
ANDERSON
CHELAN
EPHRATA 269 (111 1 116 1)
COLVILLE
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111 1, 116 1)
CALKINS AIR TERMINAL
FELTS 278 (118.5)
SPOKANE AAF 245 (126 18)
DAVENPORT
WILBUR
COULEE CITY
HARRINGTON 45
EPHRATA
ARMSTRONG'S
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
MOSES LAKE AAF
RITZVILLE
LIND
WASH.
IDAHO
SANDPOINT
COEUR D'ALENE 347 (116 1)
COEUR D'ALENE AIR TERMINAL
MANITO
LEMEN
ROSALIA
WEEKS
KELLOGG
ST MARIES
TEKOA FLY CLUB
IDAHO
MONT.
EUREKA
LIBBY
THOMPSON FALLS
STATUTE MILES
10 SUPERIOR
MULLAN PASS 206 (116 1)
GREAT FALLS 6
GREAT FALLS SEATTLE
TO ELLENSBURG
WASH. S D A
WASH. S D A
CONNELL
LA CROSSE
WASHTUCNA
PULLMAN MOSCOW REGIONAL
ASOTIN CO
LEWISTON
OROFINO
SUNNYSIDE
RICHLAND
PASCO
PROSSER
LISTA
TWIN CITY
TOPPENISH VALLEY
WALLA WALLA 212 (116 1)
MARTIN
WALLA WALLA AAF
CRAIGMONT
KAMIAH
WASH.
ORE
IDAHO CO
SKY RANCH
OREGON SKY RANCH
PENDLETON 278 (118 7)
PENDLETON
HERMISTON
BOARDMAN
PENDLETON AAYS SER
ENTERPRISE
JOSEPH
LEXINGTON
PENDLETON 341 (111 1, 116 1)
LA GRANDE 329 (116 1)
LA GRANDE
BAKER 221 (111 1 116 1)
BAKER
JOHN DAY
ORE.
IDAHO
NEW MEADOWS
McCALL
CASCADE
WEISER
PAYETTE
PAYETTE
On request
ONTARIO 305 (116 1)
ONTARIO
BOISE 350
SEATTLE
SALT LAKE CITY
TO THE DALLES
SEATTLE 2
ELKO 22
ORE 1

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COEUR D'ALENE (Air Term.)	347(KO)(116.1)	BMRLZ-DTV;321°,5.2	(4);116.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MN)(116.1)	BMRLZ-DTV	(4);116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4);116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IU)(116.1)	MHTV	(4);116.1,122.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	305(OO)(116.1)	MHV	(4);116.1,122.1
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
→ Pendleton Arpt.	278 (118.7)	C; 247°, 1.9	(4);122.5,118.7
WASHINGTON			
EPHRATA	269(EP)(vhf)	BMRLZ-DTV;336°,4.0	(4);116.1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4);118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV	(3);116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3); 126.18
WALLA WALLA	212 (WL)(116.1)	SBMRLZ-DTV;182°,3.6	(4);116.1
Walla Walla AAF			DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cascade	1 E;riv SW	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3770	20	
Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	32 S1	75 oct, Maint. May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S1	80 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;dam S	3295	44 S4	80 oct.20' pole line W.
Kamiah	0.6 SE;riv E	1194	32 S1	80 oct.Trees SSE.
★ Kellogg Int,29B,SA-HL	0.8 NW;riv N	2300	38 L3 S4	80 oct.
Landmark, USFS (Knox) (NC)	1.7 SSE	6680	23	ESE blkd.hills SSW.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S,RR W	5021	23 S6	80 oct. P-line NE.
Orofino	1.3 NW;riv NE	1000	24 S6	80 oct,Ctn,Mtns ESE.
Payette	2 NE:RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW,RR S	2165	25	Trees E; hill W.
St. Maries	1.2 NW;riv S	2132	23 S2	76 oct.
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct.No sto.Pole line W.
Tekoa Flying Club (Tensed)	5 NNW,crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S,riv W	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW,RR N	2680	27 S1	80 oct.
Libby, USFS	1 NE;riv S,E,W	2090	30 S1	80 oct.
→ Thompson Falls	3.2 ESE,RR N	2460	25 S1	80 oct.Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW,RR N	378	42h	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

OREGON

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE;hwy W	635	25 S2	80 oct. P-line ENE.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE,RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW,RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR I S	1492	63h R2 L5 S6	80,91 oct.Fld lgts on req.
Pendleton Airways Inc.(Pendleton)	3.8 ESE,RR N	1200	37 S6	80,91 oct. Pole line E.
Pilot Rock	0.8 E,hwy N			ABANDONED.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;hwy E	1100	16 S1	80 oct.Mtn W.
Asotin County(Clarkston)	0.5 N;riv N	760	33 L4 S6	80,91 oct. Lgts prior req.Mtns W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv SE	1250	26	Hills N,S,SW.Caution.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW,RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW,hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1290	29 S2	80 oct. 2000' mtn S.
Ephrata	2 SE,hwy NW	1273	73h R1 S6	80 oct. ARMY TMP INACT.CIVIL
Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S. FACS.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT. NO FACS.
Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int,19,SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse,28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW,RR N	750	24 S6	80,91 oct. No sto.Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
→ Newport	1 W;riv NE	2150	29 S6	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	25 S6	80 oct.
Okanogan Flight Strip (Omak)	4 N;hwy E	1298	47h S1	80 oct.
Pasco	2.8 NNW,RR E	402	47h	CLOSED.
(P) Prosser	1.4 NW;riv S	685	40 S6	80,91 oct. Trees W. Poles NE.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct.
Richland	1.3 SSE,riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline,bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E;mtn S	800	30 S6	80,91 oct.WSW blkd.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1.No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution.(NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	41 S1	80 oct. Pwr line SSW. P-line SSE.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct, Trees,poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;rivs NW	516	35h L S6	80,91 oct.Emerg lgts on prior req.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R1	CLOSED.
Washtucna	1 S;RR SE,NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				
Craigmont, (Idaho)	Adj NW;RR SW	3688	20 S2	80 oct.P-line E.
Manito Arpk (Spokane, Wash)	5 SSE	2450	21	P-line NE;trees SW Data unver.
New Meadows (Idaho)	0.5 N;hwy jct SE		26	Unusable in wet weather.
Armstrong's Ranch (Harrington, Wash.)	3 ESE	2220	25 S2	Data unver.
Maflott (Wash.)	1 N;riv S	1100	27 S1	80 oct.Soft when wet.
Riverview (Brewster-Pateros, Wash)	2.6 WSW;hwy SE	1070	21 S1	80 oct.Pwr line SE,hill WSW.
John Day (Ore)	0.6 W;riv N	3075	19 S2	80 oct.

GREAT FALLS

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1

MONTANA

ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4):116.1
BUTTE	233 (BT)(116.1)	BMRLZ-DTV;99°,16.1	(4)-116.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV;327°,3.1	(4): 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND	296 (DR)(116.1)	SBMRAZ-DTV, 185°,1.3	(4):116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req)	AC; 17°, 1.5	(4):126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4):116.1,122.1
Helena Airport	278(118.9)	C	(4):118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4):116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4):116.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker, (3) 3105, 4495, 6210 kcs, (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	Mtns ENE.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to public
Salmon	4 S;riv W	4045	S1	80 oct,Mtns NE,

MONTANA

Basin Creek (Flathead Nat l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat l Forest)(NC)	24 NE Seeley Lake	4650.	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S6	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;hwy S,E	3810	39 S6	80 oct.
Condon (Flathead Nat l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S2	80 oct.
(P) CUT BANK	3 SW;riv l E	3900	87h R1 L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 L1 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114	70h L3	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1 L3 S1	80 oct.

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int,44B SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	P-lines S
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S4	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR S	2870	27 S2	80 oct.Poles NW, Soft when wet
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80,91 oct.
Gates Park,USFS(NC)	35.8 W Choteau.	5400	26	Sur by mtns.Closed to public
Geraldine Mun,	0.5 S;RR N,E	3200	17 S1	80 oct.Rough.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT.OF ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
→ Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.W,NW blkd.
Livingston	6 ENE;RR N	4656	62 S2	80,91 oct.
10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S4	80 oct.Poles S.
Meadow Creek (Flathead Nat l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	5.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct. Poles N,E.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only Nov. thru April.
Rainbow Skyport (Gregson)	1 N;RR E,S	5030	40 S1	80 oct.NE,SW,NW blkd.
Schafer (Flathead Nat l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
→ Seeley Lake (NC)	4.5 NW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
→ Spotted Bear (Flathead Nat l Forest)(NC)	14 ENE Swan Lake riv E	3800	22	Sur by mtns.
→ Stevensville	2 ENE;riv 2 W	3620	30	80 oct.
★ Superior Int,36B,SA-HL	1 S; RR S,riv NE	2700	35 R1 L2 S1	Ltd 80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L3 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
→ Twin Bridges	1.5 SE;RR SW	4725	37 S1	80 oct.
(P) Valier	0.6 S;lake S,W	3820	35 S1	Ltd 80 oct.Ctn when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
Gardiner, Mont.	1 NW; S	6200	22	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page xiii)(NC)-Not charted. → NEW OR REVISED DATA

6 GREAT FALLS

R : EXTREMELY HAZARDOUS I : USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

115° 114° 113° 112° 111° 110° 49° 48° 47° 46° 45° 44°

MILES STATUTE 0 25 50

QUARTER CIRCLE M.C. RANCH
CUT BANK 263 (116.1)
LETHBRIDGE 147 76 228
CUT BANK
TOOLE CO.
CHESTER
48
FLATHEAD CO.
KALISPELL
VALIER
AMBER 2 309 6000
CONRAD
CHOTEAU
GREAT FALLS MUN. 278(118.7,126.18)
GREAT FALLS 317 (116.1)
130 7000
197
FORT BENTON
GERALDINE
TANNER
GREAT FALLS AAF 219(126.18)
I POLSON
185 154
MISSOULA 308 (116.1,111.1)
PLAINS
TO MULLAN PASS
SUPERIOR
95
MISSOULA CO.
ALBERTON 15
275 10000 11000 96
107 185 12000
RED 48
CASCADE 20 10000
166 A 2
BELT 22
266 10000
90 A 3
STANFORD 29
LEWISTOWN 353
GRAIO
34
GREAT FALLS VHF RANGE
92
GEYSER
22
HELENA 371 (111.1,116.1)
HELENA 278 118.9
McDONALD PASS 18
GARRISON
276 90 9000
HALE
48
SUPERIOR 254 (116.1)
252 G 2
72
WINSTON 15
56
BILLINGS 7
STEVENSVILLE
DRUMMOND
DRUMMOND 296 (116.1)
22
166 10000
38
DEER LODGE
WHITE SULPHUR SPRINGS
334
HAMILTON
99
BUTTE
HOMESTAKE 21
TOWNSEND
358 11000
280
SIXTEEN
LIVINGSTON 224 (116.1)
54
73
139 GREEN 2
RAINBOW
279
WHITETAIL 16
90
133 RED 48
43
12000
BUTTE 233 (116.1)
95
256 78
RED 2
7000
WHITEHALL
GALLATIN
96
247
GREEN 2
67
13000
10
WHITEHALL 284 (116.1)
SHERIDAN
TWIN BRIDGES
LIVINGSTON
LIVINGSTON MUN.
29
DILLON 379 (116.1)
77
185
257
BOZEMAN 329 (116.1)
319
313
GARDINER
MONT.
WYO.
DILLON VHF RANGE
DILLON
SALMON
GREAT FALLS
SALT LAKE CITY
329 12000
152 AMBER 2 13000
DELL
FLYING R
WEST YELLOWSTONE
CHALLIS
DUBOIS 388 (111.1,116.1)
DUBOIS
IDAHO
WYO.
FOR V.H.F. RANGES SEE CHARTS 144 TO 147
73
253
SALT LAKE CITY 23
IDAHO FALLS
332

BILLINGS 7

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓘ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

110° 109° 108° 107° 106° 105° 25 STATUTE MILES 50

49° 48° 47° 46° 45° 44°

SCOBEY
CHINOOK
HAVRE CITY-CO.
HARLEM
MALTA AIRPK
ETCHART
VALLEY CO
GUSTAFSON
ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
GREAT FALLS 6
BISMARCK 10
TO GREAT FALLS
DENTON
LEWISTOWN
FOREST GROVE
MOORE
LEWISTOWN 353 (116.1)
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
HARLOWTON
LAVINA
AMBER 3
CUSTER
NIBBE
BILLINGS 278 (118.7)
RAPELJE
BIG TIMBER
LIVINGSTON 224
COLUMBUS
PARK CITY 21
BILLINGS 4
ZELKA
BIG HORN CO
MILES CITY
MILDRED
TO DICKINSON
GREEN 2
FORSYTH
MILES CITY 320 (116.1)
BONES BROS RANCH
BRIDGER
ST. XAVIER
RED LODGE
MONT.
WYO.
COWLEY-LOVELL-BYRON
LOVELL
POWELL
SHERIDAN CO.
SHERIDAN 2
UCROSS 17
SHERIDAN 239 (116.1)
DENVER
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUN.
GILLETTE ARPK.
GREAT FALLS SALT LAKE CITY
MEETEETSE
ROCK SPRINGS 26
CASPER 269
TO WRIGHT
MINNEAPOLIS GREAT FALLS

17 90 93 77 270 146 63 145 142 326 238 60 240 50 229 67 247 297 118 208 28 298 159 325

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3);116.1
Billings Airport	278 (118.7)	AC(ILS-W):247°,1.3	(4);118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ;230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. - - -)	FM, 247°, 21	Billings
WYOMING			
SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1	SBRAZ-DTV;298°,1.6	(4);116.1,122.1
UCROSS FM	(. - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK- 351 -···
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE, riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int,13A, HL-Twin Cities	2.5 SSW;riv 1.2 E	4450	43 L3	
(P) BILLINGS	2.5 NW,RR S	3612	57h R3 L6 S6	80,91,100 oct,
(P) Bones Bros. Ranch (Birney)	2 ESE,crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE,rd W	2480	42	
Circle	1.3 E,RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE,RR N	3575	50 S1	80 oct. Poles W,E,NW.
★ Custer Int,25,HL-Twin Cities	2.3 E;hwy N	2868	44 L3	Poles NNW.
Denton	2.2 SSW;hwy S	3850	26 S2	80 oct.
Etchart (Tampico)	0.5 NNW,RR S	2100	29 S2	80 oct. Trees SE,E.
Forsythe, 30 HL-Twin Cities	3 ENE;hwys S	2722	30 L3 S1	73 oct. Allway fld.
Fort Peck	1.6 W,hwy S	2294	30 S1	80 oct. P-line N,S,WSW
Gustafson-Anderson (Wolf Point)	0.8 NW,RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE;RR S	2560	24 S2	80,91 oct. ESE blocked.
(P) Harlowton	2 WNW,riv S	4400	29 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW;RR 1 N	2589	48h S6	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW,RR N	2950	24	
(P) Jordan	1.8 WNW,rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int,44B, CX-GT	1 WNW,RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW,RRNW	4177	90h R1 L5 S4	80,91 oct. No flood lgts. Rnwy
(P) Malta Airpark	0.8 SW,RR N	2270	31 S1	80 oct. Shrubs NW.
★ Mildred Int,38, HL-Twin Cities	3.4 WSW,rd E	2535	37 L3	
(P) MILES CITY	2.5 NW;hwy N	2628	56h R1 L5 S6	73,91,100 oct, Fld lgts prior req.
Poplar (NC)	0.8 N,RR S	1970	28	
(P) Rapelje	1 SE;1k NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(R) Roundup	1.9 N;hwy W	3500	37 S2	80 oct. Rough.
★ St. Xavier Int,35, CX-GT	7.3 SSW	3170	40 L3	River W.
(P) Scobey	1 NW,RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE,RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S,hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E,riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W,hwy N	3002	18	
WYOMING				
Basin	2.5 NE;riv W	3775	32	Hills S.E.
Buffalo,27,CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
Cody	2 ESE;hwy S	5084	50 S6	80,91 oct. P-line S.
Cowley-Lovell-Byron (Cowley)	2 NNE,rd NW	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct. Hwy E.
(P) Grey Bull	2 NW,hwy S	3900	71 S4	73,91 oct. Hill NW
(P) Powell	8 NNW	5054	42	Storage. P-line N,NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW,creek N	3961	61h R1 L5 S6	80,91 oct.
NEW AIRPORTS				
Gillette Arpk. (Wyo.)	1.7 ESE,RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E;RR NNW	4100	19 S2	80 oct. P-line W.
Lovell (Wyo)	1 SE;hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW;riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W;RR S	3675	30 S2	80 oct. S blkd Poles N

RADIO

NORTH DAKOTA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4); 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4); 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O'Minot)	209 (UI)	BMRLZ-DT,301°, 3.3	(4)

SOUTH DAKOTA

PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
→ PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4);116.1,122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1,122.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4); 126.18
SPEARFISH (Black Hills Airport)			DECOMMISSIONED

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3108, 4498, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.68, 140.58 mcs.

AIRPORTS

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990'	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.

NORTH DAKOTA

Beach	0.8 NNW	2814	30 S2	73 oct. Poles ENE.
→ (P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S6	80,91 oct.
Bowman	1.5 W,RR N	3000	24 S2	80 oct. P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N.FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
→ (P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3 S1	80,91 oct.
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct. Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) PORT O'MINOT (Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct. Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1906	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	0.8 S;riv ENE	2495	30 S2	80 oct. P-line W,SE.

SOUTH DAKOTA

(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
→ BLACK HILLS	4.5 E,hwy S	3900	58 S6	73, 91 oct.(Spearfish)
Geronime(Rapid City)	4.3 ENE,RR S	3200	28 S1	73,91 oct. Poles sur fld
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
→ PIERRE	3.5 NE,riv SE	1742	72h R1 S1	80,91 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3234	83h R2 L5 S4	73,91,100 oct. JP-1.
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.

NEW AIRPORTS

Hettinger (N.D.)	1 NNW;RR S	2675	32 S2	80 oct. N,NW blkd. P-line NE
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct. E,W,N,SE blkd.
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct. Pole E. Use strips only.
Wright(Williston,N.D	3.2 N	1860	32 S6	80,91 oct. P-line S,W. Use strips only.
Harding Co.(Buffalo,S.D)	0.5 E;riv 0.5 S	2950	21	
McIntosh (S.D.)	1.3 E;lk SW			ABANDONED.
Universal(Bison,S.D)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct. Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy W	1750	30 S2	80 oct. Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct. Use strips only. P-line SW.
→ Selfridge (N.D.)	2 SW;RR 2 E	2100	24	

h-Hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page X I i j) NC-(not charted). → New or revised data.

10 BISMARCK

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS

105° 104° 103° 102° 101° 100°
49° 48° 47° 46° 45°
25 50 25 0 STATUTE MILES

PLENTYWOOD
CROSBY
PORTAL
SHERWOOD
MOHALL
BOTTINEAU
TOWNER
RUGBY
PORT O'MINOT
MINOT 209
CHANDLER
WRIGHT
WILLISTON
PARSHALL
MILLER
SIDNEY
WATFORD CITY
121
211
31
301
FARGO 11
167
ILO
WASHBURN
DICKINSON 308 (116.1)
BISMARCK 230 (116.1)
GLENDIVE
GLEN ULLIN
BEACH
GOLVA
WORTH
JUDSON
ANNSCOLL
TO JAMESTOWN
MILES CITY 320
69
GREEN 1
256
80
250
238
NEW ENGLAND
DICKINSON
BISMARCK
BAKER
WYMAN
RHAME
BOWMAN
347
HETTINGER
SELFRIDGE
MONT.
N.D.
S.D
LEMMON
BILLINGS 7
HARDING CO.
UNIVERSAL
MOBRIDGE
ROSEBERG
MINNEAPOLIS
DENVER
MONT.
WYO.
S.D.
BLACK HILLS
NEWELL
165
D.A.
RUSHMORE
RAPID CITY 221 (116.1)
PIERRE 347 (116.1)
GEROME
HALLEY
RAPID CITY AAB 396 (126.18)
246
PHILIP
206 (116.1)
PIERRE
348
HIGHLIGHT
66
CHART 27

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓞ: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 4 QUADRANTS.

49° 100° 99° N.D. 98° PEMBINA 97° 96° MINN. 95°

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
BISMARCK
DAWSON
GREEN 2
LISBON
ABERCROMBIE
STATE SCHOOL OF SCIENCE
FERGUS FALLS
ASHLEY
AMBER 4
BRITTON
WHEATON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
WEBSTER
ABERDEEN
BISMARCK 10
BIEDENFELT
GETTYSBURG
DEITER
HURON
MILLER
PIERRE
WATERTOWN
LAKE POINSETT
LAKE PRESTON
OLDHAM
CARTHAGE
SIOUX FALLS
MADISON
SMITTY SKY RANCH
FLANDREAU
ROSEAU
THIEF RIVER FALLS
CROOKSTON
ERSKINE-GUNTHER
TWIN VALLEY
CONRAD BROS.
WEST FARGO
WHEATLAND
BARNESVILLE
DETROIT LAKES
PARK RAPIDS
WAUENA
ALEXANDRIA
GLENWOOD
MORRIS
BENSON
APPLETON
WILLMAR
MONTEVIDEO
MADISON
REDWOOD FALLS
MARSHALL
LAKE BENTON
TRACY
WESTBROOK
BROOKINGS

PEMBINA 260
ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA.
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116.1)
HURON 353 (111.1, 116.1)
PIERRE 347
WATERTOWN 382 (116.1)
WILLMAR 254 (116.1)
ALEXANDRIA 239 (116.1)
SIOUX FALLS 245

257 77 170 344 170 260 80 260 350 160 165 73 250 257 83 260 307 120 345 161 109 289 341 76 113 224 263 293 44 166 186 6 177 256 75 357 234 300

STATUTE MILES 0 25 50

MINNEAPOLIS 14

CHART 28

OVER

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
MINNESOTA			
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.3	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV;263°,0.9	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1 5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5 5	Fargo.
WHEATLAND FM.	(. . - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1,122.1
HURON (W.W.Howes)	353(HR)(vhf)	BMRLZ-DTV,41°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
MINNESOTA				
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S6	80,91 oct. No sto. Fld lgts on req
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct. No sto.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct. No sto. Obst
Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct. No sto. sur fld
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct. P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 L1 S6	80 oct. P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct. P-line NW.
(P) Morris	2.7 WSW,RR N	1134	31 S6	80 oct. P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct. P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct. Poleline SE,SW.
Thief River Falls	3.6 S, riv W	1110	25 S2	80 oct. Trees NW
Wadena	1 E,RR NW	1300	30 S4	80 oct. No sto. P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct. P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
Oldham (S.D.)	1 ESE	1668	25	Use strips only. Poles N
Gettsburg (S.D.) (S.D)	1.5 S;dams 1 SW	2082	27 S4	80 oct. Use strips. Poles S,W
Lake Poinsett(Arlington)	4.3 ESE;lk,hwy E	1680	22 S2	80 oct. Use strips. Poles SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.
(See page XIII) (NC)-not charted →← NEW OR REVISED DATA.

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
NORTH DAKOTA				
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	P-line W.
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	80,91 oct. Port lgts on req.
(NG)FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
(P) Jamestown	1.5 NE,hwy S	1498	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct. P-line N,NW.
Lisbon	0.8 SSW	1151	21 S1	73 oct. Polelines N,S. Tank NE
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct. No sto. Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. W,SW,NW
New Rockford	1.5 N; RRW	1533	32 S6	80 oct. No sto. P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY
Rolla	1.5 N;hwy E	1850	25 S4	80 oct.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P) Valley City, 71	1.5 NW,riv NE	1375	38h L1	(HL-Twin Cities)
SOUTH DAKOTA				
(P) ABERDEEN	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct. P-line SE,S.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Dieter (Redfield)	6 E;RR S'	1300	25 S1	80 oct. P-line sur fld exc.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld E,W.
Huron	1.3 NNW;RR SE	1287	43h R1 L3 S6	73,80,91 oct. P-line W.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW;hwy E	1300	25	Pole line E. Use strips.
WATERTOWN	2 NW,RR NE	1736	69h R1 L5 S6	80, 91 oct.
Webster	3 S;hwy W	1848		Poles NE,W,NW. Use ctn
(P) W.W.HOWES(Huron)	See Huron above in alphabetical order - name changed.			
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct. Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct. Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct. Pwr line N,W,NW.
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct. Allway fld. N,NE;
Smitty Sky Ranch, Bell (Devils Lake,N.D	6.5 NNW 2 SSE;	1817 1478	22 S1 30 S6	73 oct. (Minn.) NW blkd. 80 oct. (Minn)
Erskine-Gunther	2 ENE;lake S	1150	23 S1	80 oct. P-line ENE(Erskine,
Lake Preston (S.D.)	1.2 ENE;lk N	1725	18 S2	80 oct. Stacks E. Rough. Poles
Conrad Bros.(Page,N.D)	4 E	1080	15 S2	80 oct.
Wheaton (Minn)	3.0 SW;crk N	996	20 S1	80 oct.
Tracy (Minn)	1.2 NE;hwy S	1338	23 S1	80 oct.

MINNEAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Aitkin Mun. (Minn)	1.7 ENE;riv W	1208	26 S1	80 oct.
Amery (Wis)	3.4 NNW;lk SW	1100	26 S6	80,91 oct.SE blkd.
Anderson (Cocato, Minn)	2.6 ENE;RR S	1020	23 S1	80 oct.Poles S;trees W.
Anoka Flying Service (Minn)	1.2 SE	896	19 S6	73,91 oct.Poles NE;twr SE
Arrowhead (Rice Lake, Wis)	2 SSE;lake S	1190	24 S4	80 oct.Use lndg strips only
Ashland (Wis)	2.5 SSE;RR E	700	19 S2	80 oct.Use strips only.
Barron (Wis)	1.1 ENE;riv W	966	26 S2	80 oct.E blkd.P-line W.
Baudette (Minn)	0.8 NW;riv N	1080	27 S4	80 oct.ARPT OF ENTRY.
(P)Bemidji (Minn)	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn)	1.2 NW;lake W	1350	23 S1	80 oct.P-line NE.Use strips only.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct P-line E.
(P)Bong (Superior, Wis)	2.3 S; RR E	674	33 S6	80 oct.P-line SE Twr NW
Boyceville (Wis)	0.5 E;RR N	948	21 S2	80 oct.P-line W,N,NE Use
Boyd's Mason Lake(Fifield,Wis)	13 WSW;lk NW	1200	30 S1	80 oct.N,E,W blkd. strips
Brainerd (Minn)	1.3 SSE;hwy W	1210	25 S6	80 oct.
Burnett Co. (Siren, Wis)	2.6 NNE;hwy E	988	39h	Trees SW,NW.RR W.
(A)Camp Ripley (Little Falls,Minn)	7.5 N;riv E	1149	70	Water twrs SE. (A)
(P) Carleton (Stanton, Minn)	0.7 NE;RR W	870	30 S6	80 oct.Flares on req.Obst
Chetek (Wis)	1.5 SE;lake E	1050	22 S2	80 oct.P-line S, sur fld SE. Use strips only.
Chippewa Falls (Wis)	2 S; RR NW	910	26 S6	80 oct.P-line SW,W NW,S
Colby-Abbotsford (Colby,Wis)	1.2 NNW;RR E	1400	26 S4	80 oct.P-line NNE. blkd.
Coleraine (Minn)	0.8 SSE;lk SE	1390	25 S4	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct.P-line SSE.
Cumberland (Wis)	3 SE;lake NE	1175	26 S4	80 oct.N,S blkd.
Dallas (Wis)	0.7 SSE;RR W	1100	26 S2	80 oct. S blkd.
DULUTH Range (Minn)	221 (DH)(116.1)	13°,3.9	SBRAZ-DTV	(4); 116.1
(P)Duluth (Minn)	6.5 NNW;hwy S	1428	57h S6	80,91 oct Clsd ngts,except airlines.ARPT OF
Eau Claire (Wis)	1.5 SSE;hwy N	884	31 S6	80,91 oct.Obst. ENTRY. sur field.
(P)Eau Claire Mun. (Wis)	3.5 NNE;riv NW	885	43h	Trees SW.
Eau-Claire Sky Park (Wis)	2.0 SSW;RR W	886	28 S4	80 oct P-line S,SE.Trees
Ely (Minn)	1.2 E	1425	24	Trees sur fld SW,NW. Not maintained.
→ Faribault (Minn)	1.6 S;hwy W			ABANDONED.
(N)Fleming (So.St.Paul, Minn)	1.8 S;riv NE	822	15h S6	80 oct.Flares prior req.
Flying Cloud (Minneapolis,Minn)	13.8 SW;riv S	900	30 L1 S6	80 oct P- Rdo rprs. line S, NE.
Gervais (Tofte, Minn)	1.2 NE;hwy S	800	28 S5	80 oct
Gogebic Co.(Ironwood,Mich)	4.5 NNE;RR S	1246	24 S4	80 oct.Poles S.Soft when
Grand Rapids (Minn.)	1.5 SSE;lk NE	1293	25 S6	80 oct. wet.
Grantsburg (Wis)	1.5 NNE;riv S	870	13 S2	80 oct.Trees NE,SW Use
(P)Hayward (Wis)	2 NE;RR NW	1200	30 S4	80,91 oct. strips.
Hector (Minn)	0.7 S;RR N	1100	25 S1	80 oct.P-line W,NW,SW.
Heywood Gull Lake (Nisswa,Minn)	1.7 SSW;lk S	1200	18 S2	80, 91 oct.
(P)Hibbing (Minn)	4.5 SE	1367	40h L4 S6	80,91 oct.Lgts on req.
(P)Hincks (Monticello, Minn)	1.3 NNE;riv SSW	940	44 S6	80 oct.P-lines S,SW.
Holcombe (Wis)	0.5 NNE;riv W	1038	14	P-line NNE;bldgs SSW.
Hudson Flying Service (Wis)	3.8 E;hwy N,W	850	18 S1	80 oct.P-line NE,SW.Ctn.
Hultquist's Sky Ranch (Minong,Wis)	1.9 W;lk W	1180	13 S4	80,91 oct.Trees S,N.
Hutchinson (Minn)	2.5 SSE	1052	28 S1	80 oct.
(P)International Falls (Minn)	2.2 S	1175	30h S4	80 oct. ARPT OF ENTRY.
→ Jackson Co.(Black River Falls,Wis)	2 E; RR W	855	28 S6	80 oct.P-line W,NW,SW.
Kentoby (Annandale, Minn)	1 E	1066	24 S2	80 oct.
Kenyon (Minn)	0.8 S;RR E,N	1240	20 S1	80 oct.P-line N,NE.
(P)Lake City (Frontenac, Minn)	0.5 SE;RR N	775	44 L3 S6	80 oct.
Le Sueur (Minn)	1.1 S;riv W	900	24 S4	80 oct. Rolling.
Litchfield (Minn)	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork (Minn)	1.8 WNW;riv E	1153	19 S2	80 oct. P-line S.
Mankato (Minn)	1.7 SE;hwy W	996	29 L1 S6	80,91 oct.P-line NE,SE. Flare pots on req.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 S6	80 oct.Flare pots in emerg
Menomonie (Wis)	3.2 NE;RR N	2895	26 S1	80 oct.Obst sur fld.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
MINNEAPOLIS Range (Wold Chamberlain (Minn)	266 (MP)(116.1)	298°,3.6	SBRAZ-DTV	(3); 116.1
Neilsville Memorial (Wis)	5.7 W;hwy SW	1000	24 S1	80 oct.Trees sur fld.
New Richmond (Wis)	3.5 ENE;RR S	990	24 S1	80,91 oct.Bldg E;trees W.
(P) New Ulm (Minn)	1.8 W;RR N	1000	32 S1	80 oct.P-line N;hwy N.
Northport (White Bear Lake,Minn)	3.2 E;lake W	1000	22 S6	80,91 oct.
(P)Otis Lodge (Grand Rapids,Minn)	7.5 SW;lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Owatonna (Minn)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P)Phillips (Wis)	1.2 N;riv S	1140	30	P-line W,SW.
Pine Beach (Brainerd, Minn)	8.8 WNW;lk N	1250	21 S1	80 oct.P-line NW,W,SE,E.
Pines (Bloomer , Wis)	0.9 E; RR W	1050	16 S2	80 oct.Poles S,W Rough.
Pleasant Corners (Dodge Ctr,Minn)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S. W blkd.
Price Lake (Phillips, Wis)	12.5 WNW	1140	22 S1	80,91 oct.Trees on all but
Princeton (Minn)	1 NNW;riv N	976	21 S4	80 oct.Trees lake appch N, W. Use strips only.
→ Rainbow (Winter, Wis)	4.2 WSW;riv S	1265	23 S1	80 oct.W appch hazardous
Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
Rice Lake (Wis)	3.5 NNE;RR W	1150	37 S4	80 oct.Poles sur fld.
→ River Falls (Wis)	0.5 NW;riv,RR E	865	18 S1	80 oct.P-line N,S;trees E.
Robbinsdale (Minn)	0.8 NW;RR E	879	14 S6	80 oct. Obsts N,S.
Rusk Co. (Ladysmith, Wis)	2.8 SE;RR SE	1150	25 S2	80 oct.Use strips only.
(NG) St. Paul (Minn)	1.5 SE;riv E,N	704	55h L4 S6	80,91 oct. 100 oct. NG.
St. Peter (Minn)	2.4 NNW;riv E	900	20 S4	80 oct. P-line S.
Sand Creek (New Auburn, Wis)	7 WSW;riv E	990	26 S1	80 oct.Trees N. S blkd.
(P) Schlosser (Durand, Wis)	2.4 NNW;riv W	800	32 S2	80 oct. P-line NE.
Sells Fly. Field (Mayer,Minn)(NC)	0.4 SSE	750	12 S6	80 oct.Hill N end. Ctn.
Sky Harbor Lodge (Pine Riv.,Minn)	1 NE;lake NW	1340	26 S1	80 oct.P-line N,S,W.Trees
→ Sky Haven (Eau Claire , Wis)	5 SW;riv,RR W	840	31 S6	80 oct.P-line S,SW. E
Shell Lake (Wis)	1.2 SE;RR W	1214	29 S1	80 oct.Trees N,NE,S.
Spencer (Wis)	0.5 WSW;hwy N		22 S2	80 oct.Fence S,SW.Data unv
Spooner (Wis)	5 N;lake NW	1072	26 S1	80 oct.Trees S.Use strips.
Springfield (Minn)	0.5 W;hwy N	930	22 S1	80 oct.P-line ENE,E,ESE.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct.Use strips. WNW.
Taylor County (Medford, Wis)	2 SE;riv NW	1400	21 L S1	80 oct.P-line N.Flares on
Thorp (Wis)	1.4 SSW	1225	20 S1	req
Thorp City (Wis)	0.6 SSE;RR N	1225	22 S1	80 oct. Hwy N.
Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
Union (Iron River, Wis)	2.2 WNW;RR S	1100	19 S1	80,91 oct.E blkd.Use strips
University of Minn.(New Brighton) Minn)	3.8 N;hwy W	909	34 S6	80 oct.Trees E.P-lines W, NW,SW,N.
Victory (Minneapolis, Minn)	9 N; riv E	860	39 S6	80,91 oct.P-line SW.
Virginia (Minn)	2 WSW;bet RRs	1429	35 S4	80,91 oct.P-line N.
Waseca (Minn)	0,5 S;RR NW	1150	39 S2	80 oct. P-line N.
(P)Whitney Mem'l (St. Cloud, Minn)	1.5 NNW;riv E,N	1034	35 L3 S6	73, 80 oct.
Winona (Minn)	4.5 WNW	670	24 L3 S6	80,91 oct.Hwy NW.
WOLD CHAMBERLAIN Tower (Minneapolis, Minn)	278 (126.18, 118.3)+		AC (ILS)	(4); 122.5,126.18,118.3
(A,N)[Wold-Chamberlain] (Minneapolis, Minn)	6.5 SSE;hwy S	834	59h L4 S6	80-100 oct.JP-1.Rdo rec. rqrd.N blkd.Ltd maint.fac for mil.acft

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
→ WOLD CHAMBERLAIN	109.9	333.8	354°	MM- •—•—(0.70)	OM- ——(4.7)
				MMK- 201 •••	OMK- 219 ——

NEW FACILITIES

Owen (Wis)	0.7 NE;RR S	1270	19 S1	80 oct.P-line N,NE,SW,W,
Taylor Falls (Minn)	1.5 W; riv E	950	23 S6	80 oct. NW.
Waldoch Fld(Forrest Lake,Minn)	6.5 SW	905	22 S1	80 oct.P-line E.
Southport(Rosemount,Minn)	4.4 WSW	962	26 S4	80 oct.P-lines sur fld.
Sleepy Eye (Minn.)	3.3 SSE;lk 2 E	936	21 S1	80 oct.P-line N.
Morgan (Minn)	1.5 NNE	1025	20 S1	80 oct.P-line E

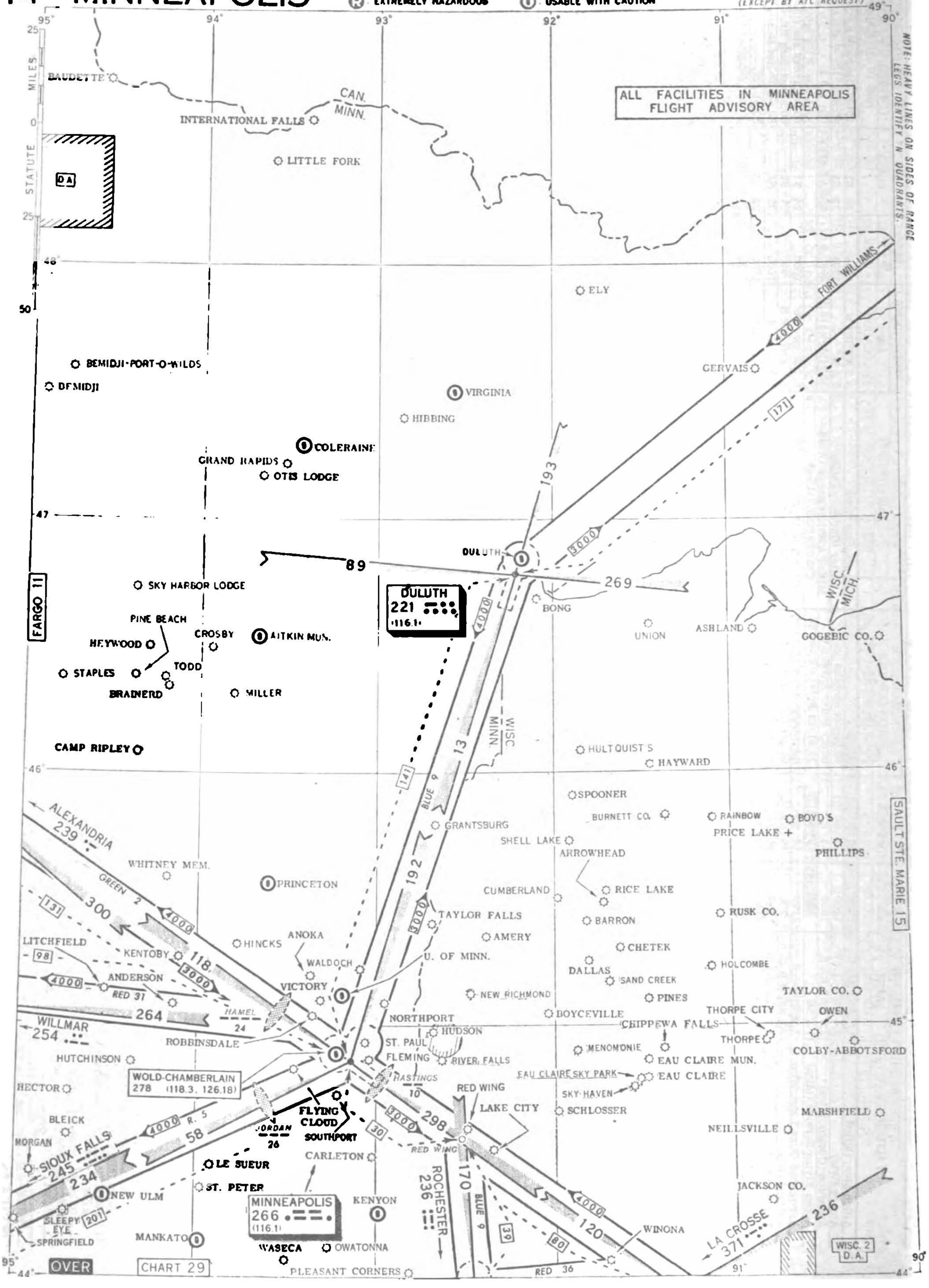
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (S) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 8117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

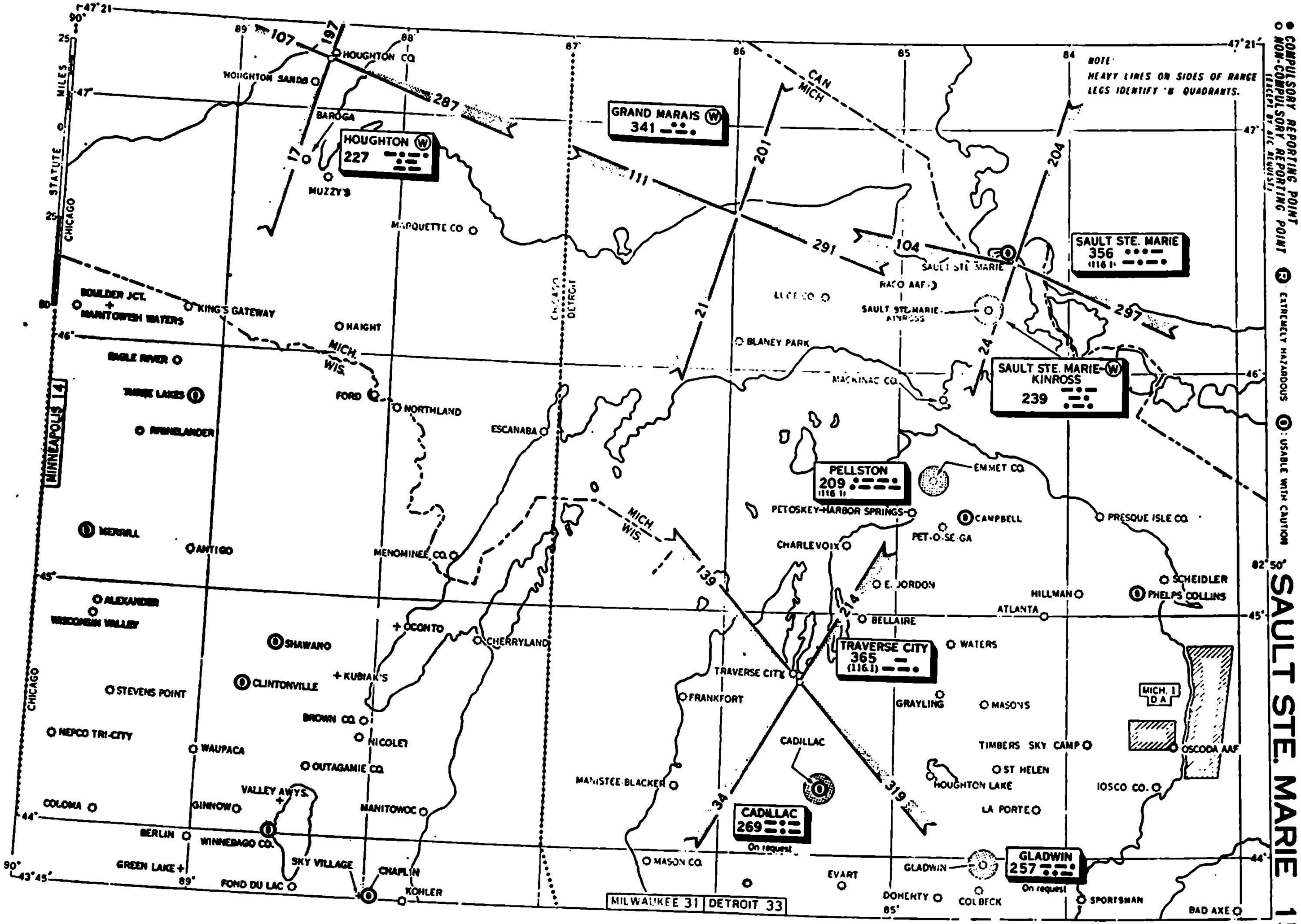
AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

14 MINNEAPOLIS

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)




47°21'
90°
89°
88°
87°
86°
85°
84°
47°
46°
45°
44°
43°45'
25 STATUTE MILES
HOUGHTON SARDS
HOUGHTON CO
BAROGA
MUZZY'S
MARQUETTE CO
CHICAGO
BOULDER JCT.
MANITOWISH WATERS
KING'S GATEWAY
EAGLE RIVER
THREE LAKES
RHINELANDER
MERRILL
ANTIGO
ALEXANDER
WISCONSIN VALLEY
SHAWANO
CLINTONVILLE
STEVENS POINT
NEPCO TRI-CITY
WAUPACA
COLOMA
BERLIN
GREEN LAKE
FOND DU LAC
OCONTO
CHERRYLAND
KUBIAK'S
BROWN CO
NICOLET
OUTAGAMIE CO
VALLEY AWYS
GINNOW
WINNEBAGO CO.
SKY VILLAGE
CHAPLIN
KOHLER
MANITOWOC
MENOMINEE CO.
HAIGHT
MICH.
WIS.
FORD
NORTHLAND
ESCANABA
CHICAGO
DETROIT
MINNEAPOLIS 14
MANISTEE-BLACKER
MASON CO.
EVART
BLANEY PARK
MACKINAC CO.
LUCE CO.
SAULT STE MARIE
RACO AAF
SAULT STE. MARIE-KINROSS
EMMET CO.
PETOSKEY-HARBOR SPRINGS
CHARLEVOIX
PET-O-SE-GA
CAMPBELL
PRESQUE ISLE CO.
E. JORDON
BELLAIRE
ATLANTA
HILLMAN
SCHEIDLER
PHELPS COLLINS
WATERS
TRAVERSE CITY
FRANKFORT
GRAYLING
MASONS
CADILLAC
TIMBERS SKY CAMP
ST HELEN
HOUGHTON LAKE
LA PORTE
IOSCO CO.
OSCODA AAF
MICH. 1 D A
GLADWIN
COLDBECK
DOHERTY
SPORTSMAN
BAD AXE
82°50'
HOUGHTON 227
GRAND MARAIS 341
SAULT STE. MARIE 356 (116.1)
SAULT STE. MARIE-KINROSS 239
PELLSTON 209 (116.1)
TRAVERSE CITY 365 (116.1)
CADILLAC 269 On request
GLADWIN 257 On request
MILWAUKEE 31
DETROIT 33
107
197
287
17
111
291
201
21
104
204
24
297
214
139
34
319
CAN
MICH
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'M' QUADRANTS.
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY A/C REQUEST)
E EXTREMELY HAZARDOUS
U USABLE WITH CAUTION
SAULT STE. MARIE 15

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct.Lgts prior req
Alger Co. (Munising,Mich)(NC)	4 SSE;hwy E	850	26	Twr N;woods all sides.
Amasa (Mich) (NC)	4 NW	1560	14	Not maintained.
(P)Antigo (Wis)	2 ENE;hwy N	1483	33 S4	80,91 oct.Flare pots avail.
Arbor-Vitae (Woodruff,Wis)(NC	2.6 NW	1600	25 S2	80,91 oct.P-line N;trees E,
Atlanta (Mich)	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W. W.
Au Gres (Mich) (NC)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW.N.W blkd.
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct. Trees NE.
Baraga (Pelkie, Mich)	3.5 SE;hwy N	805	21 S2	80 oct.P-line N;trees E,S,
(P) Beaver Island (St.James,Mich)	4.2 SSW	620	35	NW,SE blkd. (NC) W.
(P) Bellaire (Mich)	1 NE;RR W,S	614	24 S1	80 oct.P-line E,SE.
Berlin (Wis)	2.9 W;hwy S	780	20 S1	80 oct.SE blkd.P-line SW.
Big Bear (Topaz, Mich)	2.2 S	1295	25 S2	80 oct. P-line S;trees E.
Big Lake (Baraga, Mich) (NC)	7.3 SW;rd W	1100	20	Trees all sides.Emerg.use
Blaney Park (Mich)	0.5 NW;lk N	850	18 S1	80 oct. P-line E.
Boulder Junction (Wis)	1.5 NW		38 S1	80,91 oct. Data unver.
Brevort (Mich)	1.2 NW;hwy S	620	23	Emerg. use Trees E,W.
Brown Co. (Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct E,ESE,SE blkd.
CADILLAC H Fac. (Int.)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac, 23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
Calbeck (Beaverton, Mich)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE;trees E,NW
Campbell Mun. (Indian River)	0.8 SE;RR,hwy W	602	20 S1	80 oct.P-line N.(Mich)
Chaplin Arpk (Plymouth, Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
Charlevoix (Mich)	0.8 SW;lk NW	642	30 S2	80 oct. P-lines S,W,NW.
(P)Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N.
(P)Clintonville (Wisc)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blkd.Pwr line NE,SW,W.
Coloma (Wis)	3.0 NW;hwy E	1065	26 S2	80 oct. N,S blkd.
D.A.R. (Rexton, Mich) (NC)	1.9 WSW;RR N	900	22	Poles N.
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-ctn.
Eagle River (Wis) (NC)	1.3 NW;riv NW	1675	26 S1	80,91 oct. P-line E.
East Jordan (Mich)	1.9 SSE;riv W	640	26 S1	80 oct.P-line E,N;trees W
(P)Emmet Co. (Pellston, Mich)	0.6 NW;RR E	707	54h L3 S2	80,91 oct.Lgts on req.P-
Escanaba (Mich)	2 SSW	594	26 S6	80,91 oct.Trees E line N,E
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW.
Ford (Iron Mountain, Mich)	2.5 W;riv W	1140	23 S6	80,91,100 oct. SE blkd.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough.
GLADWIN H Fac. (Mich)	257 (GU)		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND MARAIS Range (Mich)	341(IG)		RL-W	Oper State of Mich.
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
(P)Grayling (Mich)	1.3 NW;RR W	1152	60h S1	80 oct. Rnwy data unver.
(P)Haight (Crystal Falls, Mich)	1.3 ENE;lk E	1390	34 L1 S4	80,91 oct.Bldg SW,WNW.
(P)Harbor Beach (Harbor Beach, Mich)	2.5 W;rd S	670	20 L S2	80 oct. P-line NE,SE. Flood lgts prior req.
Harrison (Mich) (NC)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough.
Hillman (Mich)	2.8 NW	995	23 S1	80 oct.Woods all sides.
HOUGHTON Range (Mich)	227 (CAM)		RL-W	Oper. State of Mich.
Houghton Co. (Calumet,Mich)	2 SE;RR NE	1200	26 S4	80 oct.Twrs,poles W. NW
Houghton Lake (Houghton Hgts, Mich)	1 W;lake NNE	1150	27 S2	80 oct.Pole NW; blkd. trees W,SSE,E.Rdo twr W
Houghton Sands (Mich)	2 ESE;RR SW	605	26 S3	80 oct. N lgtd.
Ishpeming-Dexter (Mich)(NC)	7 W;RR N,S	1570	25	Poles N.
Kalkaska (Mich) (NC)	0.5 WNW;RR E	1020	26	
King's Gateway (Land O'Lakes, Wis)	0.5 SSE;RR W	1736	44 S2	80,91,100 oct.P-line SE,SW. NW. Twr NE.
(A)Kinross (Mich)(A)	See Sault Ste Marie-Kinross under "New facilities"-name changed.			
(P)Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct.SE blkd.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Fuel Data unver.
La Porte (West Branch, Mich)	6 SE;RR W	890	26 S2	80 oct.P-line SW.Rough off
Lost Creek Sky Ranch (Red Oak)	4 SSE;hwy S	1090	26 S1	80 oct. (Mich) strips.
Luce Co. (Newberry, Mich)	4.1 SE;hwy S	872	28 S1	80 oct.NW blkd.Poles SE.
Mackinac Co. (St.Ignace, Mich)	2 NNW;hwy E	600	26 S2	80, 91 oct.
Mackinaw City (Mich) (NC)	5 S;RR W	700	22	
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.
Marenisco (Mich) (NC)	1.6 E;hwy N	1551	20	ENE,WSW blkd.Bndry lgts
Marquette Co. (Mich)	7.9 W;hwy S	1412	27 S2	80 oct. inop.
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
(P)Masons (Grayling, Mich)	12 ESE;riv 2 N	1000	40 S1	91 oct.
Menominee Co. (Mich)	5 NNE;bay E	590	27 S1	80 oct. Trees sur fld.
Merrill (Wis)	1.2 NNW;RR E	1285	22 L1 S2	80 oct.Use strips only.
Mio (Mich) (NC)	1.6 N;hwy W	1050	26	Emerg. use only.
Muzzy's (L'Anse, Mich)	2.3 SSE;RR E	1008	24 S1	80 oct.Poles ENE,ESE;
Nepco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts trees WNW on req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct.P-line E,W.Data unv.
(P)Northern Lakes (Manitowish,Wis)	6.8 E;hwy NE	1600	28 S4	80 oct. Trees E,W.
Northland (Norway, Mich)	1.8 ESE;RR N	1060	33 S3	80,100 oct.P-line N.
Norway Township (Loretto,Mich)	See Loretto Arpt under "New Facilities"- name changed.			
O'Conta (Wis)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver
Oconto Falls (Wis)	2.7 ENE;RR S			ABANDONED.
Onaway (Mich) (NC)	0.6 NNE;RR S	770	21	P-line SW;trees SE.
(A)Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Otsego Co. (Gaylord,Mich)(NC)	1 SW;lk 1.5 S	1384	40 S1	P-line E,NE.Trees N.
Outagamie Co.(Appleton, Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
PELLSTON H Fac. (Mich)	209(PJ)(116.1)		MHTV	(4);116.1,122.1 (6-22)
Pet-O-Se-Ga (Wildwood,Mich)	1.8 NW;lk NW	620	20 S2	80 oct. (Emmet Co.)
Petoskey-Harbor Spgs.(Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E.Trees NW.
Phelps Collins(Alpena,Mich)	6.5 WNW;riv adj	685	50h L5 S4	80 oct.No bcn,SE (Mich) bndry lgts.Lgts on req.
Presque Isle (Rogers City,Mich)	0.7 SSE;hwy E	658	26 S2	80 oct.
Prickett-Grooms (Sidnaw,Mich)	0.5 N;RR S	1300	18 S1	80 oct.Use ctn.Bldgs SE.
(A) Raco AAF (Mich) (A)	4.5 WSW;RR N	910	55h	TMP INACT.NO FACS SW.
(P) Rhinelander (Wis)	2 W;riv 1 SE	1598	37 S4	80,91 oct.Trees NW.
Roscommon (Mich) (NC)	2.5 SE;RR NE	1100	42	Trees all appchs.Emerg.
Roscommon Co.(Prudenville,Mich)	4.5 N;riv E	1150	26 S1	80 oct.Trees sur fld.use.
St. Helens (Mich) (NC)	0.9 SE;RR N	1153	26	Tree all appchs.Emerg.use
SAULT STE.MARIE Range (Mich)	356(VC)(116.1)	317°,2.2	SBMRAZ-DTV	(4);116.1,122.1
(P)Sault Ste Marie (Mich.)	1 SSW;riv N	706	36 L3 S4	80,91 oct.Fld lgts on req.P-lines E,S.ARPT OF ENTRY
Scheidler (Alpena, Mich)	6.3 N;hwy NW	590	22 S4	80 oct.P-line NE,N,SW.
(P)Schoolcraft Co.(Manistique,Mich)	3.3 ENE;lk S	678	31	Appchs 5:1 (NC)
Shawano (Wis)	2.3 ENE;lk NE	813	40 L S6	80,91 oct.Poles SW.Lgts prior req.Rnwy data unv.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct.Data unver.
Steuben (Manistique,Mich)(NC)	20 NW	850	18	Woods all sides.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
Three Lakes (Wis)	0.5 S	1664	14 S1	Fuel.Rough.Obsts sur fld.
Timbers Sky Camp(So.Branch, Tomahawk (Wis) (NC) Mich)	0.5 WNW;riv N	1450	15	80 oct.P-line NW.Trees NE Obsts sur fld.Emerg.use.
TRAVERSE CITY Range (Mich)	365(TG)(116.1)	319°,2.2	SBMRAZ-DTV	(4);116.1,122.1
(P) Traverse City (Mich)	2.1 SE;RR NE	618	52h L5 S6	80, 100 oct.
Valley Airways (Neenah,Wis)	3.9 SW;RR E	760	21 S4	80 oct.P-line E;trees S.
Washington Island (Wis) (NC)		600	24	0.6 NNE of Detroit Harbor
Waters (Mich)	0.6 N;hwy W	1225	25 S1	80 oct.P-line NW.Trees sur
Watersmeet (Mich) (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg.use. fld.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
(P)Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.P-line NE,N,W Rnwy data unver.
Wisconsin Valley (Rothchild,Wis)	2 S;RR,hwy W	1180	30 S4	80 oct.P-line N, NW.
NEW FACILITIES				
Loretto (Mich) NC	2.4 S;lake N	860	21	Trees on side strips.
SAULT STE MARIE-KINROSS H Fac (Mich)	239 (KNR)		HW	Civil Fac.
(A)Sault Ste Marie-Kinross Kinross,Mich)	2.5 SE	780	55h S1	91 oct.Army Tmp Inact.
Sportmans Fld(Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Bldgs NE,trees SW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ►◄ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

PRESQUE ISLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Andover (Me) (NC)	2.5 S;hwy E	675	17 S3	1125' hill, pole E.
Aroostook Fly.Svc.(Ft.Fairfield)	1.7 E;riv W			ABANDONED(Me)
(P)[Auburn-Lewiston](Auburn,Me)	4.5 SW;RR W	290	45h L5 S6	80,91 oct.P-line E,SE.Fld lgts on req.
AUGUSTA Range (Me)	221(AW)(116.1)	81°,2.0	BMRLZ-DTV	(4); 116.1
[Augusta] (Me)	1.5 WNW;hwy S	354	34h L5 S6	80,91 oct.Fld lgts on req.
Austin (Swanton, Vt)	1.7 NE;RR W	235	21 L S6	80,91 oct.Port rnwy lgts prior req.ARPT OF ENTRY
Austin (Washington, Me)	2.6 W;hwy N	280	13 S1	80 oct.
BANGOR Range (Dow) (Me)	239(BB)(116.1)	172°,2.1	SBRAZ-DTV	(4); 116.1
Bar Harbor (Me)	9 NW;hwy W	87	45h L3 S6	80 oct. P-line NNE.
(P)[Barre-Montpelier](Barre,Vt)	3 W;pond SW	1149	41h L5 S6	80, 91 oct.
(P)Belfast (Me)	1 SW;hwy E	160	40h S6	80 oct.
(P)Berlin (N.H.)	7.5 N;riv W	1140	52h S4	80, 91 oct.
Bethel (Me)	1.6 NW;RR E	660	16 S2	80 oct. Trees W.
Billings Arpk(Ellsworth, Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW,SE.
Bishop (La Grange, Me)	0.8 N	360	10 S4	80 oct. SSW,WSW blkd.
Bradley (Watertown, N.Y.)(NC)	2.2 N;RR E	435	25 S6	80 oct.P-line W,SW S blkd
Bristol (Vt)	0.7 W;riv SE	570	21 L S6	80 oct.Port rnwy lgts.ENE
Brown (St.Johnsbury, Vt)	5.2 N;RR E	807	21 S6	80 oct.Obsts sur fld. blkd.
BURLINGTON Range (Vt)	323(JG)(116.1)	151°,2.8	SBRAZ-DTV	(3); 116.1
BURLINGTON Tower (Vt)	278(126.18,118.7)		C	(4);122.5,126.18,118.7
(NG)[Burlington] (Vt)	3 E;riv NE	334	44h L5 S6	80,91 oct.ARPT OF ENTRY
Caribou (Me)	1 N;riv SE	623	35h S6	80 oct.Bldg E.ARPT OF EN-
Central (Lewiston, Me)	1 NE	220	15 S1	80 oct. TRY.
Champlain (Colchester, Vt)	6.3 W;RR W	120	17 S4	80 oct.P-line S;swamp W.
Community Arpk (Mapleton,Me)	4.3 NE	630	8 S1	80 oct. Lgt planes only
Damon (Pottsdam, N.Y.)	1.5 E;hwy S	460	20 S1	80 oct.P-line N.Strps rough
Dean Memorial (Haverhill,N.H.)	4.1 NE;RR W	570	21 S1	80 oct.Trees at ends NNW,ESE,SSE.
Deblois Flight Strip (Me)	2 SE;riv W,N	219	40h	CLOSED.
(P)Dexter (Me)	3 ESE	485	30h S4	80 oct.
Dingley (Auburn, Me)	2.5 NW;lk N	320	18	P-line SW.
Doane's (Brewer, Me)	1.6 S	100	17 S6	80 oct.P-line NNW.Trees E
DOW Tower (Bangor, Me)	278 (126.18)+		CA (ILS-W)	(3); 126.18, 118.7
(A)[Dow] (Bangor, Me) (A)	2 W; RR S	160	70h (L6) S4	100 oct.
Eastport (Me)	1.5 WNW	70	29h S1	80 oct. P-line SW.
Errol (N.H.)	1.2 WNW	1245	18 S4	P-line NW. 80 oct.
Fairmont (E.Montpelier, Vt)	0.8 SSE;RR W	745	19 S4	80 oct.
Farmington Arpk (Me)	4.5 N;rd W	430	17 S6	80 oct.
Fernald (Winterport, Me)	3 WNW;hwy S	182	40h L3 S6	80 oct.Lgts prior req.
Fernald's (Benton, Me)	0.6 WNW;hwy S	120	18 S6	80 oct. WNW blkd.
Ford (Skowhegan, Me)	1 NNW	230	15	Emerg. use only.
Fort Kent (Me)	0.8 N;riv W	600	10	Lgt planes only
Franconia Arpk (N.H.)	2 SE		20	Data unver.
Fryeburg Arpk (Me)	1.3 E;RR S	400	26 S4	80,91 oct.P-line SSW;trees
Greenlaw (Auburn, Me)	1.8 W;hwy S	238	16 S6	80 oct. Bldg S. NW.
(P)Greenville (Me)	2 ENE	1750	30h L3 S6	80 oct.Lgts prior req.
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line,trees S,N.
HOULTON Range (Me)	272(HJ)(116.1)	195°,3.1	BMRLZ-DTV	(4); 116.1.Manned (7-23)
(P) [Houlton] (Me)	2.5 E;hwy N	493	57h L5 S6	80 oct. ESE blkd.
Jackman (Me)	0.2 E;riv N	1170	22 S1	80 oct. E b.
Keeseville (N.Y.)	1.4 S;riv WNW	490	20	Pole W.
Lake Placid (N.Y.)	2 SE;RR NW	1750	21 S1	80 oct.
Lemington-Colbrook (Vt)	3.8 SSW;hwy E	1030	18 S4	80 oct.
Lewis (Littleton, N.H.)	2.5 E;RR S	900	22	80 oct.
Livermore Falls (Me)	1.3 SE;riv W	300	10	Lgt planes only.
Maheux (Minot, Me)	3.5 NNW	720	21 S6	80 oct.
(P)Malone-Dufort (N.Y.)	2 W; RR N	790	40h S1	80 oct.ARPT OF ENTRY.
Marcy (Keene, N.Y.) (NC)	2.5 S;hwy E	1000	18	Mtn N, S.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
MASSENA Range (N.Y.)	108.7 (ME)		VARW	
(P)[Massena] (N.Y.)	2.2 E;riv SE	200	40h L4 S6	80 oct.Trees WSW,NNE. ARPT OF ENTRY.
MILLINOCKET Range (Me)	344(MT)(116.1)	292°,1.6	SBRAZ-DTV	(4); 116.1
(P) Millinocket (Me)	0.5 SE	404	51h L5 S4	80,91 oct. Lgts prior req.
MONTPELIER Range (Vt)	257 (UV)	230°,2.8	MRLWZ	(Barre-Montpelier)
Moscone's(Mallawamkeag, Me)	4 NNW;riv W	210	15	
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct.Lgt planes only.
Newport (Me)	1.5 ESE;hwy N	280	21	NW blkd.
Newport (Vt)	3 SSW;RR E	930	40h L2 S6	80 oct.All lgts on req.
Norridgewock (Me)	3.7 W;riv 1 W	270	40h	
Northland (Presque Isle, Me)	5.5 N;hwy E	685	15 S1	80 oct.
Norway (Me)	1 N; RR S	387	14 S5	80 oct.P-line SE.Trees E.
(P)Ogdensburg (N.Y.)	1.5 SE;RR W	285	30 S6 •	80,91 oct.Obsts sur fld. AIRPORT OF ENTRY
Old Town (Me)	1.8 NNW;riv NE	109	40h L3 S6	80,91 oct.No bndry lgts
(P)Pittsfield (Me)	0.8 SSE	190	40h S6	80 oct.
Pittston (Me)	1.8 ENE;hwy S	140	11 S2	80 oct.Trees ESE;hill WNW
(P)[Plattsburg, mun.] (N.Y.)	3.4 WSW;riv SW	375	50h L5 S1	80,91 oct.Fld lgts on req.
Point Hill (St. Albans, Vt)	3.5 W;bay E	155	14 S4	80 oct. Wires ESE.
→ Prairie Arpk (Brownville Jct,Me)	4.5 N;road SW	422	19 S4	80,91 oct. Wires SE.
PRESQUE ISLE Range (Me)	388 (ZQ)	189°, 3.4	SBRAZ-DT	(4)
PRESQUE ISLE AAF Tower (Me)	278 (126.18)		AC (ILS-W)	(4);118.7,122.5,116.1,126.8
PRESQUE ISLE AAF Range (Me)	365 (RU)	9°,3.6	SBMLZ	(4)
(A) [Presque Isle AAF] (Me) (A)	1.5 WNW;RR E	529	68h L6 S4	91,100 oct.ARPT OF ENTRY
Princeton (Me)	1.5 SSE;hwy NE	250	40h S4	
Rangeley (Me)	1.6 NNW;hwy S	1810	15	
Raymond's (Phillips, Me)	0.8 S;riv E	556	18 S4	80 oct.Trees ESE;hill WNW
Reagan (Norwood, N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Robbins (Hudson, Me)	2.7 SW	365	18 S1	80 oct.
Rockland (Me)	3 SSE;road NE	49	45h L5 S6	80,91 oct.Trees ENE,WSW
Rollins Fly. Svc. (Turner, Me)	2 NNW;rd E	335	20 L S2	80 oct.Flare pots on req.P-
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct.Wires NW line NNE.
St. Croix (Baring, Me)	0.5 E;hwy N	95	19 S1	80,91 oct.NNW blkd.Flares
(P)[Saranac Lake] (N.Y.)	5.3 NW;RR NW	1655	40h L2 S4	80 oct.Lgts prior req on req
Snow (Bradford, Me)	0.3 WNW;pond S	270	12 S1	80 oct in Bradford.
Snowman's (Ashland, Me)	1.2 NW;riv E			ABANDONED
Stewart (Massena, N.Y.)	2.1 SE;RR NE	210	20	CLOSED.
Sunnybrook (Clayton, N.Y.)	3.4 S;hwy E	390	18 S1	80 oct. ESE blkd.
Swasey's (Enfield, Me)	1.5 WNW;RR S	240	17	P-lines NE, ESE.
Tomlinson (Skowhegan, Me)	1 NNE;riv 1.5 S	240	21 S6	80 oct. P-line W,NW.
Tupper Lake (N.Y.) (NC)	1 E;riv SE	1680	14	Use strips.P-line W.Rough.
Twin Mountain (N.H.)	0.8 SW;riv N	1430	18 S4	80 oct.
Twitchell's (Turner, Me)	4.8 SSE;riv E	350	14 S6	80 oct. Trees WNW.
(P)[Waterville] (Me)	1.8 SW;riv E	303	39h L5 S6	80,91 oct.Fld lgts prior req
Webb's (Patten, Me)	1 NNW;hwy E	650	14 S4	80 oct.
→ Weston (Madison, Me)(NC)	1 N;riv 0.8 W			ABANDONED.
Westport (N.Y.)	2 S;RR W	285	22 S2	80 oct.
White Mountain Air Term.	3 ESE; RR N	1050	22 S1	80 oct. (Whitefield,N.H.)
White Mountain (No.Conway,N.H.)	1.9 SSE;RR W	495	20 S6	80 oct. Trees NW.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

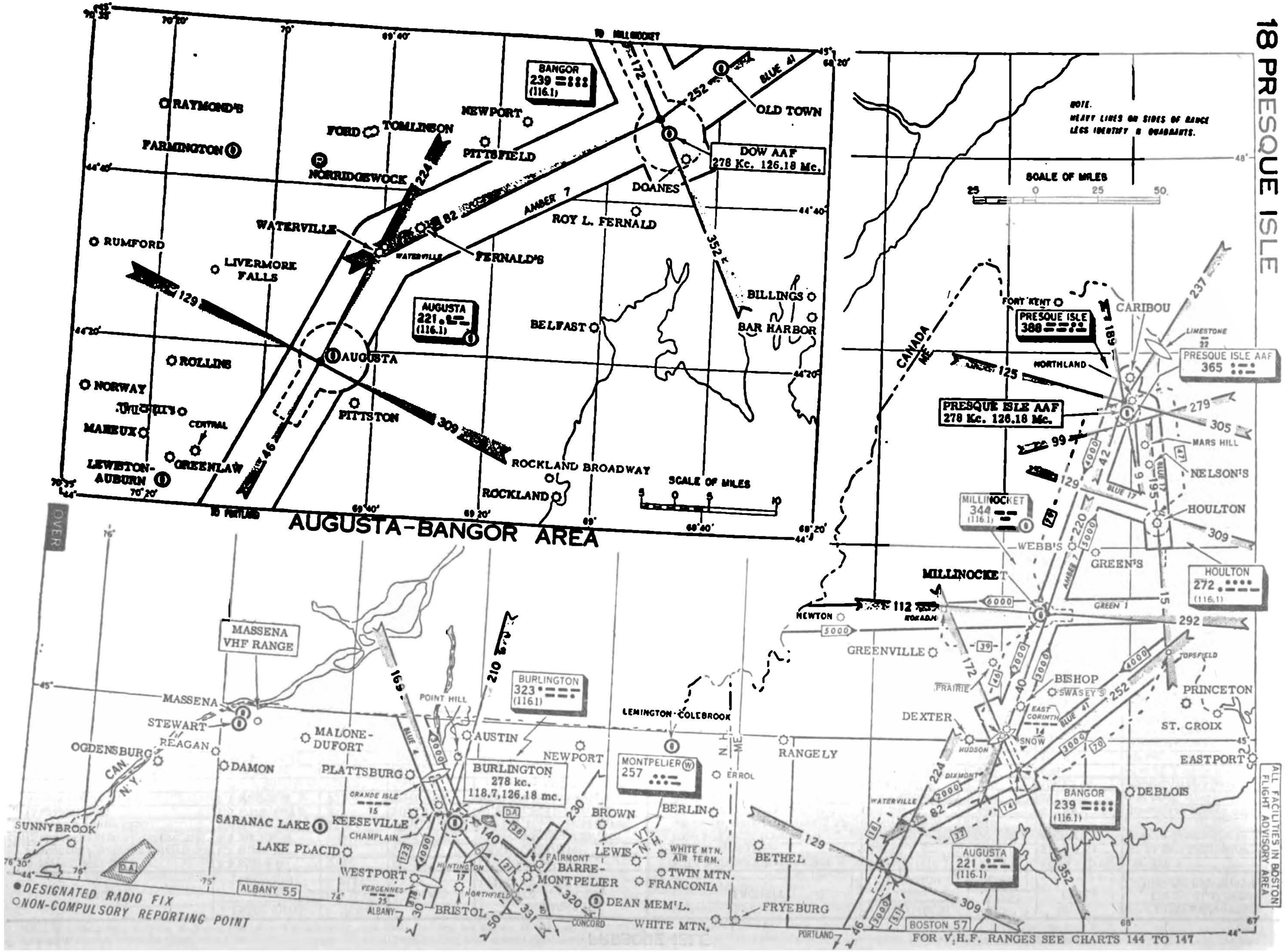
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
DOW (L6) (A)	109.9		153°	IM-	MM- •—•—(0.81)	OM- ——(4.60)
					MMK-	OMK-
→ PRESQUE ISLE AAF	109.9		8°	DECOMMISSIONED	MM- •—•—(0.85)	OM- ——(4.47)
					MMK- 201	OMK- 219

NEW FACILITIES

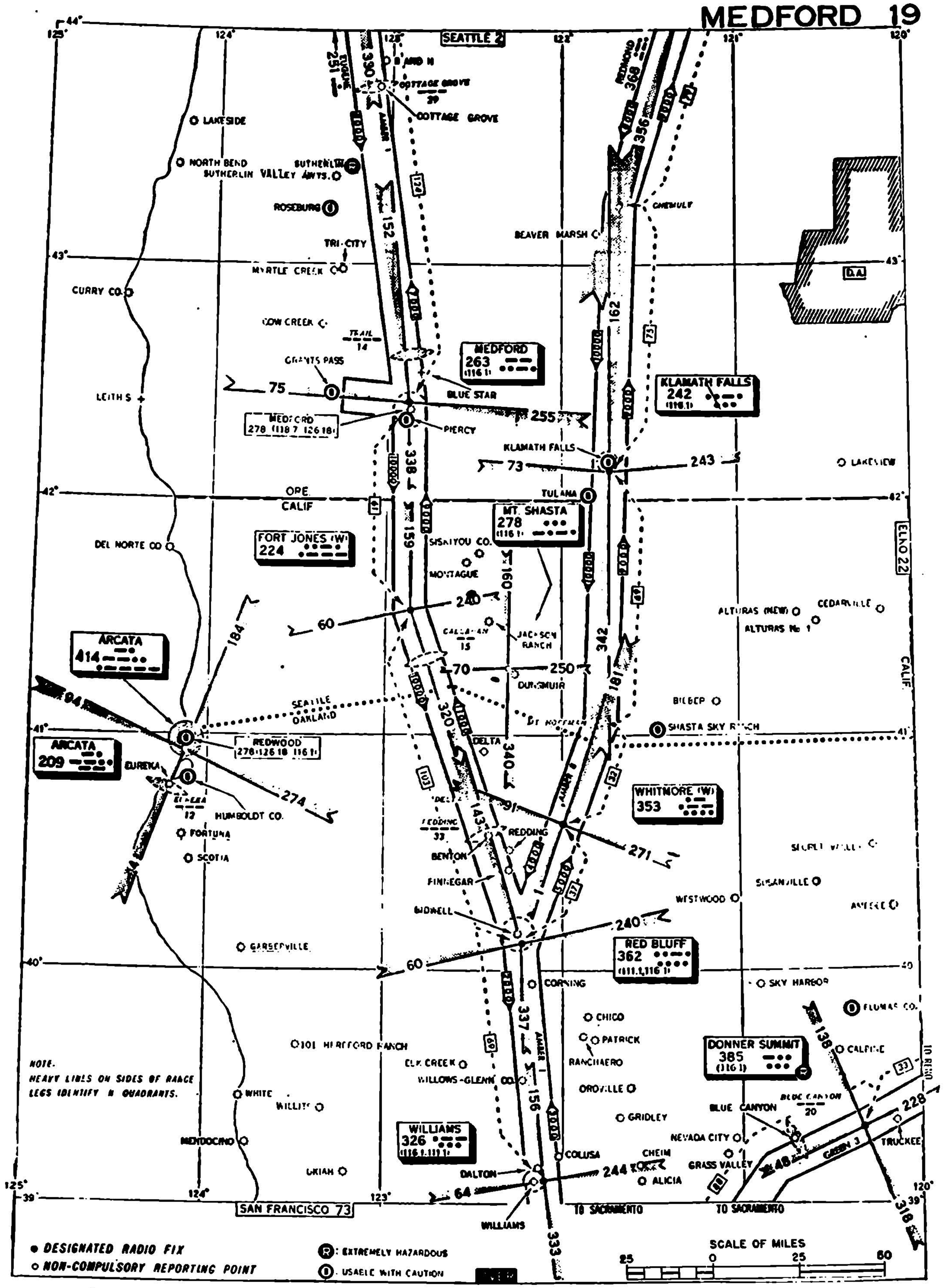
Rockland Broadway(Rockland,Me)	0.8 SSW	60	19 S4	80 oct.
Newton Fld(Jackman,Me)	0.2 E;riv N	1170	22 S4	80 oct E blkd Trees W.

RADIO: **S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.** Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4755 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: **h - hard surfaced runways. L - Lighting facilities. S - Servicing** (see page XIII) →— New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITAL LETTERS. Airports are indented and non-capitalized


AUGUSTA-BANGOR AREA
BANGOR 239 (116.1)
DOW AAF 278 Kc. 126.18 Mc.
AUGUSTA 221 (116.1)
RAYMOND'S
FARMINGTON
NORRIDGEWOCK
FORD
TOMLINSON
NEWPORT
PITTSFIELD
OLD TOWN
DOANES
ROY L. FERNALD
WATERVILLE
FERNALD'S
RUMFORD
LIVERMORE FALLS
ROLLINS
NORWAY
MAREUX
LEWISTON-AUBURN
GREENLAW
CENTRAL
PITTSTON
BELFAST
BILLINGS
BAR HARBOR
ROCKLAND BROADWAY
ROCKLAND
SCALE OF MILES
AMBER 7
BLUE 41
172
252
224
82
352
129
309
46
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY B QUADRANTS.
SCALE OF MILES
PRESQUE ISLE 388
PRESQUE ISLE AAF 365
PRESQUE ISLE AAF 278 Kc. 126.18 Mc.
MILLINOCKET 344 (116.1)
FORT KENT
CARIBOU
LIMESTONE
NORTHLAND
CANADA
ME
237
189
125
279
305
99
MARS HILL
NELSON'S
HOULTON
WEBB'S
GREEN'S
HOULTON 272 (116.1)
MILLINOCKET
NEWTON
GREENVILLE
BISHOP
SWASEY'S
PRINCETON
ST. CROIX
EASTPORT
DEXTER
PRAIRIE
EAST CORINTH
SNOW
HUDSON
DIXMONT
WATERVILLE
BANGOR 239 (116.1)
DEBLOIS
AUGUSTA 221 (116.1)
BETHEL
FRYEBURG
PORTLAND
BOSTON 57
ALL FACILITIES IN BOSTON FLIGHT ADVISORY AREA
MASSENA VHF RANGE
MASSENA
STEWART
REAGAN
OGDENSBURG
CAN.
N.Y.
DAMON
MALONE-DUFORT
PLATTSBURG
POINT HILL
AUSTIN
BURLINGTON 323 (116.1)
BURLINGTON 278 kc. 118.7,126.18 mc.
NEWPORT
LEMINGTON-COLEBROOK
MONTPELIER (W) 257
ERROL
RANGELY
GRANDE ISLE
SARANAC LAKE
KEESEVILLE
CHAMPLAIN
LAKE PLACID
WESTPORT
SUNNYBROOK
BROWN
BERLIN
LEWIS
WHITE MTN. AIR TERM.
TWIN MTN.
FRANCONIA
FAIRMONT
BARRE-MONTPELIER
DEAN MEM'L.
WHITE MTN.
BRISTOL
ALBANY
ALBANY 55
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
FOR V.H.F. RANGES SEE CHARTS 144 TO 147

MEDFORD 19


SEATTLE 2
44°
125°
124°
123°
122°
121°
120°
43°
42°
41°
40°
39°
LAKESIDE
NORTH BEND
SUTHERLIN
SUTHERLIN VALLEY AIRPTS.
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY CO.
COW CREEK
TRAIL
14
GRANTS PASS
LEITH S
MEDFORD
278 (118.7 126.8)
COTTAGE GROVE
39
COTTAGE GROVE
EUGENE
251
AMBER 1
152
338
159
PIERCY
BLUE STAR
75
255
MEDFORD
263
(116.1)
BEAVER MARSH
CHEMULT
REDMOND
369
356
162
73
KLAMATH FALLS
242
(116.1)
KLAMATH FALLS
73
243
LAKEVIEW
TULANA
MT. SHASTA
278
(116.1)
ORE.
CALIF
DEL NORTE CO.
FORT JONES (W)
224
SISKIYOU CO.
MONTAGUE
160
240
60
184
ARCATA
414
CALLAHAN
15
JACKSON RANCH
70
250
DUNSMUIR
342
101
ALTURAS (NEW)
ALTURAS No. 1
CEDARVILLE
CALIF
ELKO 22
94
SEATTLE
OAKLAND
BIEBER
SHASTA SKY RANCH
ARCATA
209
REDWOOD
278-126.8 116.1
EUREKA
EUREKA
12
HUMBOLDT CO.
274
FORTUNA
SCOTIA
DELTA
320
340
103
DE
REDDING
33
143
91
271
WHITMORE (W)
353
BENTON
FINEGAR
BIDWELL
WESTWOOD
SUSANVILLE
ANNEE
240
RED BLUFF
362
(111.1,116.1)
GARBERVILLE
60
CORNING
SKY HARBOR
FLUMAS CO.
CHICO
PATRICK
RANCHERO
DONNER SUMMIT
385
(116.1)
CALPINE
138
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN CO.
OROVILLE
BLUE CANYON
BLUE CANYON
20
GRIDLEY
228
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.
WHITE
WILLITS
MENDOCINO
WILLIAMS
326
(116.1,111.1)
NEVADA CITY
CHEIM
COLUSA
GRASS VALLEY
TRUCKEE
GREEN 3
48
UKIAH
DALTON
244
ALICIA
64
SAN FRANCISCO 73
WILLIAMS
TO SACRAMENTO
TO SACRAMENTO
333
318
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
25
0
25
60

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P)[Alicia](Marysville,Calif)	3.2 SSE;RR W,E	63	60h L5 S6	80, 91 oct.
(P)Alturas (new) (Calif)	6.8 WNW	5034	63h	
Alturas #1 (Calif)	1 W; RR S	4391	30 S6	80,91 oct.P-line N,NE,SW, NW.
(A) Amedee Flight Strip (Calif) (A)	4 SE; RR N	4007	70h	
ARCATA Range (Redwood)	209 (NZM)	4°, 3.0	MRL	(3) (Calif) Priv. rng.
ARCATA H Fac. (Redwood (For ILS see Redwood)	414(NZ1)	310°,0.15	H	(4); Z marker 200' from SE end Rnwy 31. Priv. H
Ash Creek,USFS (McCloud,Calif (NC)	11.2 ENE	3850	30	Closed Dec-May Trees SE, NW.
B & H (Creswell, Ore)	3.3 SSW;RR E	620	18 S6	80 oct. Trees NNE.
* Beaver Marsh Int,73,RV-ND (Ore)		4630	54 L3	6.2 mi SSW Chemult
Benton Arpk (Redding, Calif)	1.1 WSW;riv 1 E	719	25 L3 S6	80,91 oct. Wires N.
Bieber (Calif)	1 NE;riv W	4155	33	Soft in winter.
(N)Bidwell (Red Bluff, Calif)	1.7 SSW;RR 1 E	354	40h L5 S4	80,91,100 oct.Fld lgts on req. Wires E, W.
* Blue Canyon Int,13,SF-SL (Calif)	1.1 NNE;hwy NW	5280	34 L3	Wires N,NE. RR E
Blue Star Arpk (Eagle Point,Ore)	4.5 N;hwy E		20 S2	Data unver.
Calpine (Calif)	1 SE;rd N,E	5000	29 S1	91 oct. P-lines NE.
Cedarville (Calif)	0.6 S;hwy E	4260	26 S2	91 oct. P-line E. W blkd.
Cheim (Marysville, Calif)	1.5 NE;hwy S	67	30 S6	80,91 oct.Wire SW.Levee N,
Chester, USFS (Calif) (NC)	1.5 SSW;hwy NW	4525	31	P-line WSW,WNW. NE Closed to public.
(P)[Chico](Calif.)	5 N;hwy E	237	67h L5 S6	No flood or boundary lgts.
Colusa (Calif)	1.2 SW;RR W	47	29 S4	80 oct. P-line NNW.
Corning (Calif)	1.3 NE;RR W	300	22 L1 S6	80 oct.
Cottage Grove (Ore)	1.9 S;riv S	640	22 S1	80 oct.
* Cow Creek Int,37B,SF-SA (Ore)	2.5 ENE Glendale	1429	24 L3	Creek S.
(P)Curry Co. (Denmark, Ore)	3.8 WSW	214	51h L5	All lgts prior req.
→ Dalton Com. (Williams, Calif)	1 ENE;RR SW	65	26 S6	80,91 oct.P-line SW.
(P)Del Norte Co.(Crescent City,Calif)	2.5 NW;ocean W	57	50h L1 S1	80, 91 oct
* Delta Int,22,SF-SA (Calif)	1 SW;RR,hwy N	1320	18 L3	800-1000' mtns E,W.
DONNER SUMMIT Range (Calif)	385(DS)(116.1)		BMRL-DTV	(4); 116.1
Dunsmuir,25B,SF-SA (Calif)	4.5 N;RR W	3240	30 L3 S2	80,91 oct.Poles E,N lgtd.
Elk Creek (Calif)	0.7 SSE;hwy W	725	16 S1	80 oct. Obst sur fld.
[Eureka](Calif.)	2 W;bay E	20	24h L1	
FORT JONES Range (Calif)	224 (FJ)		SRAWZ	
Fort Jones (Calif) (NC)	1.5 NW;rd NE	2745	30	P-line NW.
Fortuna (Calif)	2.9 SSE;hwy W	356	31 L S6	80,91 oct.Trees NE RR W
Garberville Arpk (Calif)	1 SW;riv,rd SE	480	12 S1	80 oct. Trees N,S.
Gasquet (Crescent City,Calif)	13 ENE;hwy S	390	25	Hazardous-bad appch.USFS
Grants Pass (Ore)	1.6 N;RR W	1050	27 S6	80,91 oct.Poles N. (NC)
Grass Valley (Calif)	0.8 W;hwy N	2600	18 S1	80,91 oct.Trees sur fld. P-line NE.
Gravelly Valley. USFS (Upper Lake, Calif) (NC)	20 N;lake S	2000	49 S2	No fuel.Road crosses NE/SW strip.Trees NE,SE,NW
Gridley (Calif)	0.7 ENE;hwy E	97	26 S1	80,91 oct.P-line N,S.
Hayfork, USFS (Calif) (NC)	1.2 E;hwy N	2350	30	P-line W.Mtns E.Clsd to
Humboldt Co. (Eureka, Calif)	3.6 ENE;hwy N	10	18h S6	80,91 oct.Poles NW public.
Illinois Valley Landing Field (Cave Junction,Ore)(NC) USFS	4.3 SSW;riv 1 E	1350	43	Trees NNE.
Jackson Ranch (Weed, Calif)	3.7 NW;lk NNE	2975	33	Trees S.
KLAMATH FALLS Range (Ore)	242(FS)(116.1)	342°,2.7	SBRAZ-DTV	(4); 116.1
→ [Klamath Falls] (Ore)	4.9 SSE;RR NE	4084	71h L5 S5	80,91,100 oct.Fld lgts on req
Lakeside (Ore)	0.3 NE;RR S	20	25	P-line S. Ctn-hazardous.
→ Lakeview (Ore)	3.5 SW ;RR 2 E	4728	53h L1 S6	80, 91 oct.
Leith's (Gold Beach, Ore)	Adj W	16	23 S1	80 oct. Data unver.
MEDFORD Range (Ore)	263(MF)(116.1)	158°, 2.4	SBRAZ-DTV	(3); 116.1
MEDFORD Arpt Tower (Ore)	278 (126.18, 118.7)+		AC	(4); 126 18,118.7,122.5
(A,N) [Medford] (Ore) (NATS)	3.2 N;RR E	1329	54h L5 S4	80,91,100 oct.
Mendocino (Little River, Calif)	2.5 SE	572	53h S4	80, 91 oct.
Montague (Calif)	1 W;hwy S	2520	32 L3 S6	80, 91 oct.
MOUNT SHASTA Range (Calif)	278(SC)(116.1)	116°,2.2	BMLZ-DTV	(4); 116.1
Myrtle Creek Int,39A,SF-SA (Ore)	4 SW;riv,RR W	640	25 L3	Hill S,N. Emerg. only.
Nevada City (Calif)	1.5 NW;rd S	3060	26 S4	80 oct.
(P)North Bend (Ore)	1.2 WNW;riv N	4	50h L5 S6	80,91 oct.Trees SSE,SW,
101 Hereford Ranch(Laytonville)	1 S;hwy E	1635	18 S1	80 oct. (Calif) NNW.
(P) Oroville (Calif)	3 SW;riv E	199	60h L5 S2	80,91 oct.Port rwy lgts. prior req.
Patrick (Chico, Calif)	2 SSE;RR E	189	34 S6	80,91 oct.P-line NW.
Piercy (Medford, Ore)	2.6 NW;hwy E	1250	20 S6	80,91 oct. Poles SE.
Pinnegar (Anderson, Calif)	1 S; creek N	435	23 S1	80 oct.Cattle on fld.Hill SSE
Plumas Co.(Beckwourth, Calif)	0.8 ENE;RR SW	4900	36 S6	80,91 oct.P-line SE,S,SW
Ranchaero (Chico, Calif)	2.2 WSW;riv W	170	22 S6	80,91 oct.P-line S.Hwy NE
RED BLUFF Range (Bidwell)	362(FH)(vhf)	323°,2.5	SBRAZ-DTV	(4); 116.1,122.1 (Calif)
[Redding] (Calif)	7.5 SE;riv S	500	60h S2	80, 91 oct.
REDWOOD Tower (Calif)	278(126.18,116.1)		CI (ILS-W)	(3); 116.1,126.18 (8-17)
Redwood (Arcata, Calif)	7.6 NNW	217	60h L	Exten.exper lgtg.CLOSED.
* Roseburg Int,41A,SF-SA (Ore)	2.4 NNW;RR E	500	38 L3 S6	80,91 oct.Hills N,NE,S.
Round Valley (Covelo,Calif)(NC)	0.7 SW;hwy E	1385	30	
Scotia (Calif)	1.5 SSE;RR N	120	25 S1	80,91 oct.ESE blkd.Riv S.
* Secret Valley Int,52,RV-ND (Calif)	4 SE	4435	50	Day use only
(P)Shasta Sky Ranch (Fall River Mills, Calif)	1 N;hwy E	3300	33 S6	80,91 oct.Soft. P-line W, SSW,E,ENE,S.
(P) Siskiyou Co.(Montague,Calif)	4.3 NE;RR W	2647	73h L5	
Sky Harbor (Quincy, Calif)	2.5 E;hwy S	3400	24 S2	80, 91 oct. Poles S.
Susanville (Calif)	6.5 SE;hwy SW	4150	32 S6	80,91 oct.Pwr line N.
Sutherlin Sky Ranch (Ore)	3.8 ENE;rd E,S	575	18 S1	80 oct.
Tri-City (Riddle, Ore)	3.5 NE;RR N,W	700	19 S1	80 oct. P-line N,S.
* Truckee Int,16B,SF-SL (Calif)	3.6 ENE;RR S	5820	34 L1	Snow Dec.-April.
Tulana (Worden, Ore)	1 S;RR NW	4080	37 S6	80 oct. Pwr line NNE.
(P)[Ukiah] (Calif)	1 S;RR E	612	40h L5 S6	80,91 oct.Fld lgts on req. Wires NNW.
Weaverville, USFS (Calif) (NC)	1 SSE;hwy E	2040	22	30' poles S.Closed to public.
Westwood (Calif)	1.5 W;hwy N	5100	22	
White (Ft. Bragg, Calif)	1 NNE;ocean W	72	15 S4	80,91 oct.SE,NW blkd.
WHITMORE Range (Calif)	353 (AWH)		MRLWZ	
WILLIAMS Range (Int.)(Calif)	326(WS)(vhf)	244°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Williams Int,9,SF-SA (Calif)	4 S;road N	139	42 L3	Mtns W.N/S strip soft when wet.
Willits (Calif)	1.3 ENE;rd S	1356	18 S1	80 oct. Trees E. P-line W.
Willows-Glenn Co.(Calif)	1.3 WSW;RR E	130	45h L1 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
REDWOOD (Arcata)	109.5	332.6	312°	IM- (0.14)	MM- ·····(0.66)	OM- ——(4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Sutherlin Val'y Arwys (Sutherlin, Ore)	1.0 WSW;RR E	550	25 S2	80 oct.Trees,hill S.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Term.)	350(BE)(vhf)	SBRAZ-DTV;110°,2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	AC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3)-3105, 4495, 6210 kcs;(4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW;hwy W	2660	25 S6	80 oct.Right traffic when land. to NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S6	80 oct.Trees WNW.
Floating Feather (Eagle)	2 E;riv 1.5 S	2635	39 S6	80 oct.Trees SW,hill NE.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	80,91,100 oct.Hills SE.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon	6 SE,hwy S	3931	70h L5 S4	80,91 oct.
HUBBARD (Reno)	3.4 SE;hwy W	4404	64h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 S4	80,91 oct.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	50 L S6	80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct. P-line W,SE.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
→ Rome Flgt Strip	23.9 SW;hwy E	4050	60h	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2858	77h R2 L5 S6	80,91 oct. Ltd 73,100 oct;minor repairs for NG.

H-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII)(NC)-Not Charted → NEW OR REVISED DATA

22 ELKO

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS
U : USABLE WITH CAUTION

SPOKANE 3
ROE-DAVIS
BURNS
VALE
NYSSA
PARMA
CALDWELL
RITCHEY
EMMETT
FLOATING FEATHER
BOISE AIRPK
BRADLEY
BOISE 350 (111.1, 116.1)
BOISE AIR TERM 278 ∝ 116.3 126.1 8 ∝
MOUNTAIN HOME
MOUNTAIN HOME AAF
KING HILL
GLENNS FERRY
BURLEY 272
ALKALI LAKE
ROME
D.A
OWYHEE
WINNEMUCCA COM.
WINNEMUCCA
BATTLE MOUNTAIN
BATTLE MOUNTAIN FLGT STRIP
ELKO 391 (116.1)
CAPLIN
ELKO
HUMBOLDT 209 (116.1)
LOVELOCK COM.
LOVELOCK
BUFFALO VALLEY
HUMBOLDT
RENO 254 (116.1)
RENO SKY RANCH
RENO AAB
WADSWORTH
FERNLEY
SPARKS
LAHONTAN
LAHONTAN FLGT. STRIP
HUBBARD 278
FALLON
FALLON 230
AUSTIN DLF
CARSON CITY
DONNER SUMMIT
YERINGTON
SEATTLE
OAKLAND
SALT LAKE CITY
SALT LAKE CITY 23
MEDFORD 19
FRESNO 77 | LAS VEGAS 79
NEV.
CALIF.
ORE.
IDA
NEV
MILES
STATUTE
NOTE HEAVY LINES ON SIDES OF MARGIN LEGS TOLERANCE IN QUADRANTS.

SALT LAKE CITY 23

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓘ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

GREAT FALLS 6

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

IDAHO FALLS 359 (116.1)

REXBURG

ST ANTHONY

SIGNAL MOUNTAIN

TETON PEAKS-DRIGGS

JACKSON

IDAHO FALLS

SHELLEY

ROBERTS

DUBOIS

FRIEDMAN

CAMAS CO.

GOODING 215 (116.1)

FLYING BAR 'S'

ALBERT

ADKINS

BURLEY 272 (116.1)

BILLY ANDREW

GOODING

JEROME

TWIN FALLS

BURLEY

POCATELLO

POCATELLO AAF

ABERDEEN

HAYFIELD

UNIVERSITY

POCATELLO 257 (111.1, 116.1)

AMERICAN FALLS

POCATELLO VHF RANGE

MALAD CITY 314 (116.1)

IDAHO WYO

AFTON

MONTPELIER

BEAR LAKE CO.

COKEVILLE

STATUTE MILES

10 KING HILL

IDAHO NEV

SAN JACINTO

ELKO 22

LUCIN 302 (116.1)

STREVELL 335 (116.1)

STREVELL

MALAD CITY

PRESTON

LOGAN-CACHE CO

HILLCREST

KEMMERER

FORT BRIDGER 382 (111.1, 116.1)

TREMONTON

OGDEN 263 (116.1)

CORINNE

BRIGHAM

HANCKLEY 284

10 ELKO

LUCIN

PROMONTORY POINT

OGDEN ARPK.

HILL AAF 396 126.1

EVANSTON CITY

EVANSTON

FORT BRIDGER

10 ROCK SPRINGS

WENDOVER AAF 201 126.1

WENDOVER 248

LOW

LAYTON

BOUNTIFUL

SALT LAKE CITY NO. 1 270 118.3

UTAH CENTRAL

SALT LAKE CITY 227 (111.1, 116.1)

GRANTSVILLE

SALT LAKE NO 2

MIDVALE

ALTA

TOOELE

RIVERTON

FAIRFIELD

DUGWAY AAF

PROVO

SPANISH FORK

FAIRFIELD 362 (111.1, 116.1)

NEV UTAH

NEPHI

CARBON CO.

MT PLEASANT

DELTA 212 (111.1, 116.1)

DELTA

MANTI-EPHRAIM

YELLAND

BALLINA-GUNNISON

LAS VEGAS 79

WINSLOW 81

10 MILFORD

DA

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1,122.1
GOODING (new)	215(GG)(116.1)	BHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1,122.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1
CORINNE FM	**(- - - -)**	FM, 332°, 23	Ogden
DELTA	**212(VZ)(vhf)(1)**	SBRAZ-DTV, 7°, 3.6	(4);116.1,122.1
FAIRFIELD (Int.)	**362(JL)(vhf)**	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL (Ogden)	**396 (126.18)+**	CA	(4),4220;126.18
HUNTSVILLE FM	**(-)**	FM, 64°, 19	Ogden
LAYTON FM	**(- - - -)**	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	**302 (JB)(116.1)**	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	**263 (OG)(116.1)**	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	**(- -)**	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	**284**	CI	(4) (1130-2130 Mon,Tues; 0830-2130 Wed-Sun)
SALT LAKE CITY	**227(SL)(vhf)**	SBRAZ-DTXV;163°,2.9	(3);116.1,122.1
Salt Lake City Arpt. #1	**278 (118.3)**	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	**(- - -)**	FM, 246°, 37	Salt Lake City
WENDOVER	**248 (WV)**	SBMRAZ-DT	(4)
Wendover Field	**201 (126.18)**	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ••• .-.-	335	343°	IM-	MM- -.-- (0.71)	OM- -- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal E	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W
American Falls	2 NE,RR NW	4404	39 S6	80 oct. S blkd.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7 W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E.
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
(P) GOODING	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW;riv E	4730	52h R1 L5 S6	80,91 oct. Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4420	21 L3	
Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80,91 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 L S6	80 oct. Flood lgt on req.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S6	80 oct. SW blkd.NE bldg.
* Strevell Int, 10, SL-PO	0.3 NNW	5270	31 R1 L2	Emerg only.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC)91 oct. Trees N.
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
University (Ham's)(Pocatello)	1 ENE,hwy W	4550	35	Hills N,S. Emerg only.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE,trees NW. Emerg only.

NEVADA

* Ventosa Int,48,SF-SL	0.5 N,RR S			ABANDONED
* Wells Int,46B, SF-SL	1.5 S,rd W			ABANDONED.
Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.
Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct.Hwy W.
Bountiful Sky Haven	2.6 WSW	4222	38 S4	80 oct. P-line S,NW.
Brigham	3 NW,RR S	4220	37 L4 S6	80 oct. P-line S,W.Tires W.
[Carbon County](Price)	2.8 E,RR W	5800	58 S6	80 oct. Use strips only.
Delta	4.8 ENE,	4755	61h R1 L5 S3	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE;hwy W	5700	55 S2	80 oct.P-line NW. Use strips only.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	27 L S6	80,91 oct.Port flood lgts.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	30 L3	
LOGAN-CACHE CO.(Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h.	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4414	21 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	3 S4	80 oct.
Midvale	3 WSW;RR NW	4500	20 S4	80 oct P-line SE.Ctn when wet.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S6	80 oct. Trees NE.Use strip only
Myton (NC)	1 E,riv N	5090	31	Stay on strips.
Nephi	2.5 NW	4800	48 S2	80 oct.Soft when wet
Ogden Airpark	4 S,hwy NE	4700	32 S6	80 oct. P-line NE. Fence S.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	on fld.
(P) PROVO	2.8 WSW;lake W	4490	70h L5 S6	80,91 oct. Fld lgts prior req.Cattle
(NG) SALT LAKE No. 1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct.Rdo rec rqrd.Ltd 100 oct.
Salt Lake No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NG
Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
Tooele (NC)	1.4 WSW,RR W	4985	32 S4	80,91 oct.P-lines N,NW.
Utah Central(Salt Lake City)	4 SW;hwy N	4240	37 S4	80 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	29	N blkd.
Big Piney (NC)	2 N;hwy E	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston City	3.6 SSW	6800	30 S4	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
Signal Mountain (Moran)	2.3 S	6800	45	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	0.5 NE;hwys S,W	6730	30 S3	80 oct.Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct.Batt.lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct.Soft in spring.
Salina-Gunnison (Salina,Utah)	5.5 NNE;riv S	5100	35 S1	80 oct
Teton Peaks,Driggs (Driggs,Idaho)	0.4 NE;RR W	6100	34 S1	80 oct.SW blkd.
Shelley (Idaho)	2.6 N;riv SE	4692	17 S1	80 oct.N,SE,SW blkd.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

RADIO

COLORADO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1

WYOMING

CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18) +	CA	(3); 126.18
DOUGLAS	251 (DQ) (116.1)	BHTV	(4);116.1,122.1
LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV; 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WALKER	110.3	335	110°	IM-	MM- ·--- (0.69)	OM- -- (4.52)
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	
(P) Ft.Collins,6,DV-LR	4 WNW;rd S	5150	39 L1 S6	73,80,91 oct.
Glenwood Sprgs.	2 S	5900	31 S4	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	4 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,E,SE.
Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct. Use strips only.
Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

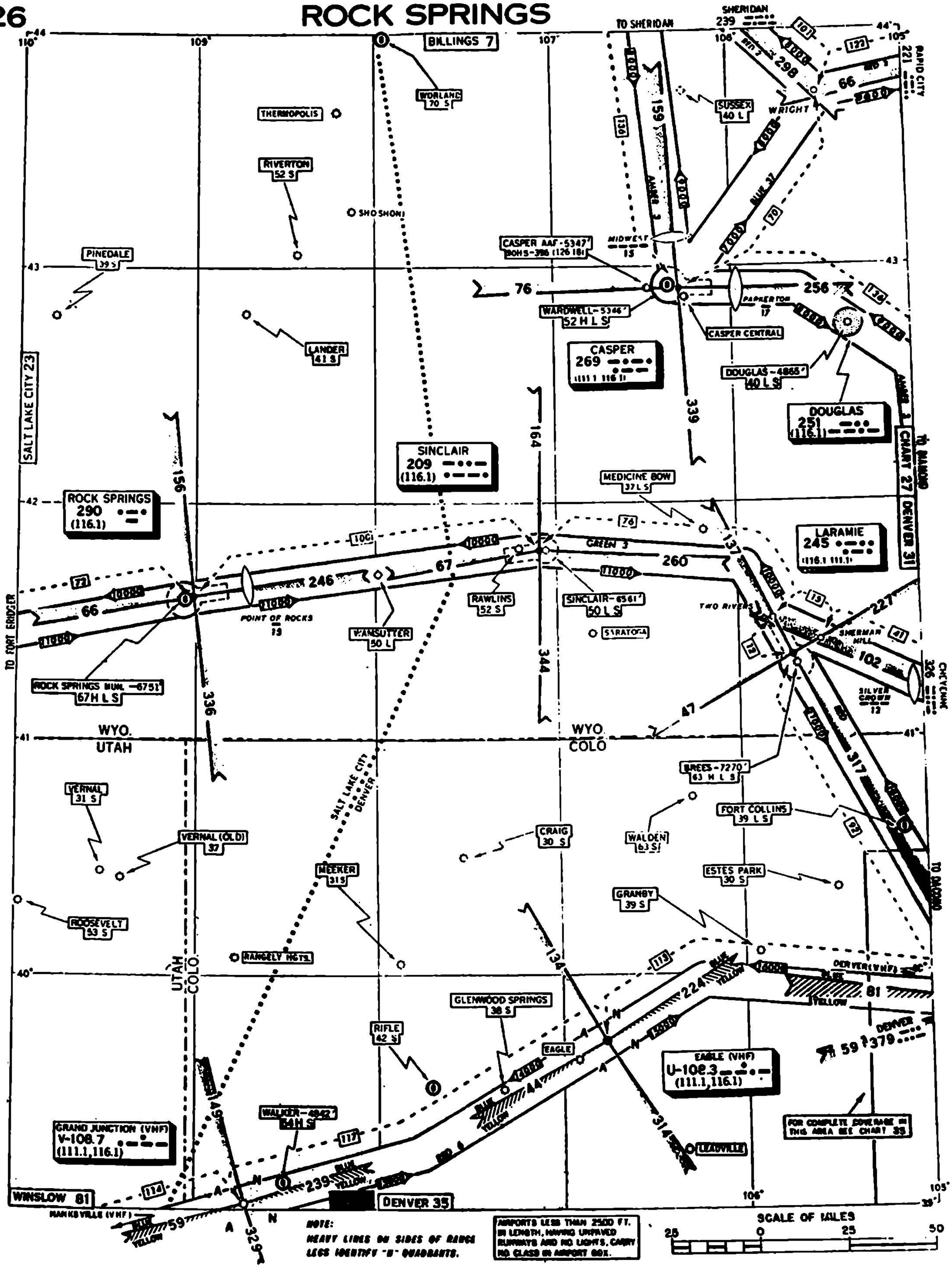
WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
General Brees (Laramie)	See Brees Field under "New Airports" - name changed			
Lander	1.5 S;riv W	5550	41 S2	80 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy N	7200	39 S1	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	62 S4	Ltd 73 oct.
(P) ROCK SPRINGS MUN	8.8 E;RR N	6751	67h R1 L5 S2	80,91,100 oct.
Rock Springs (old)	3.8 NNW			(NC) ABANDONED
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	36 S1	80,91 oct. Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct. Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct,S blkd.P-line SE
Laramie (Wyo.)	4 S;hwy W	7218	38 S1	Fuel.100' Stack NW.

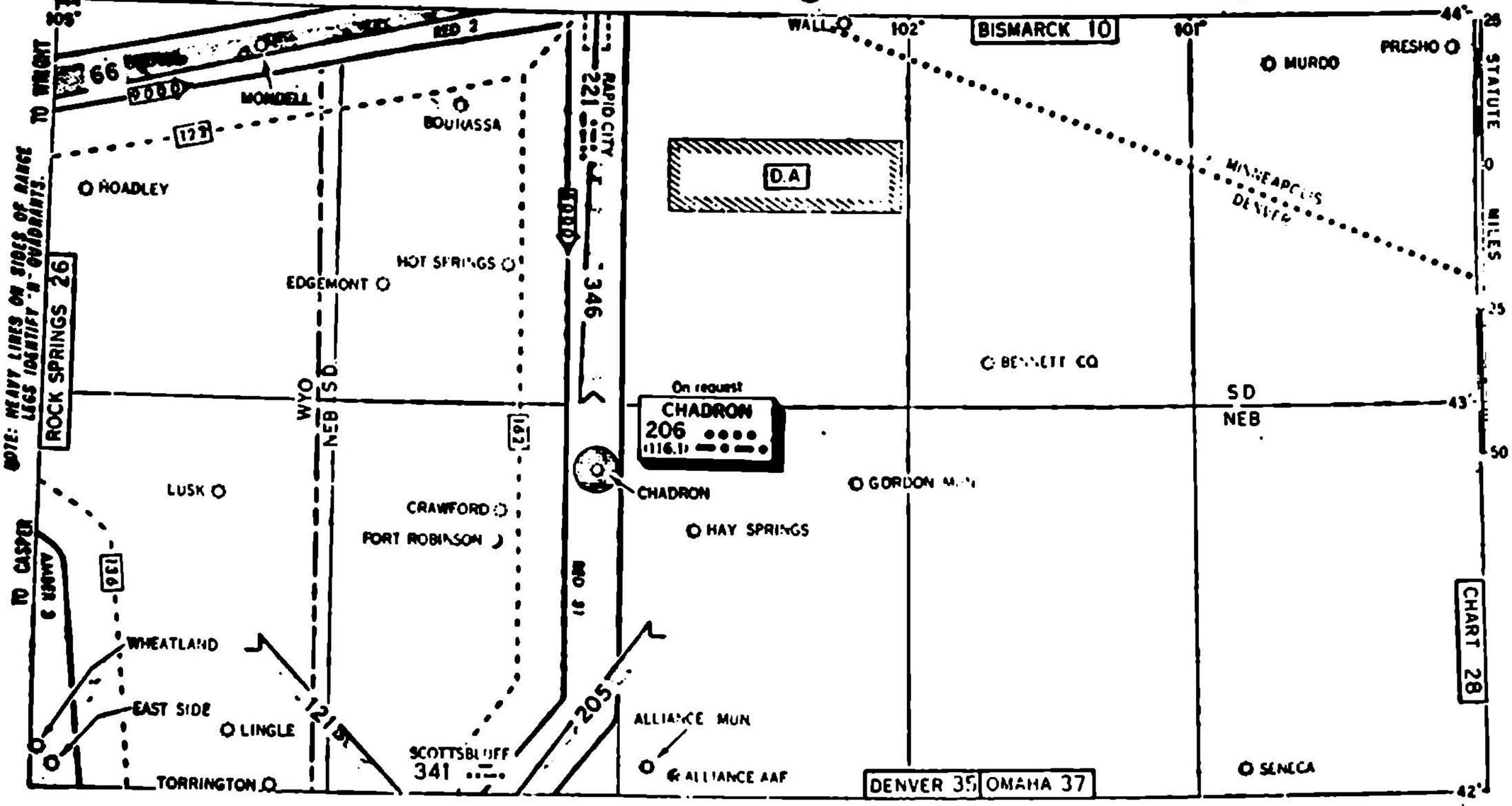
ROCK SPRINGS



● COMPULSORY REPORTING POINT
● NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

CHART 27

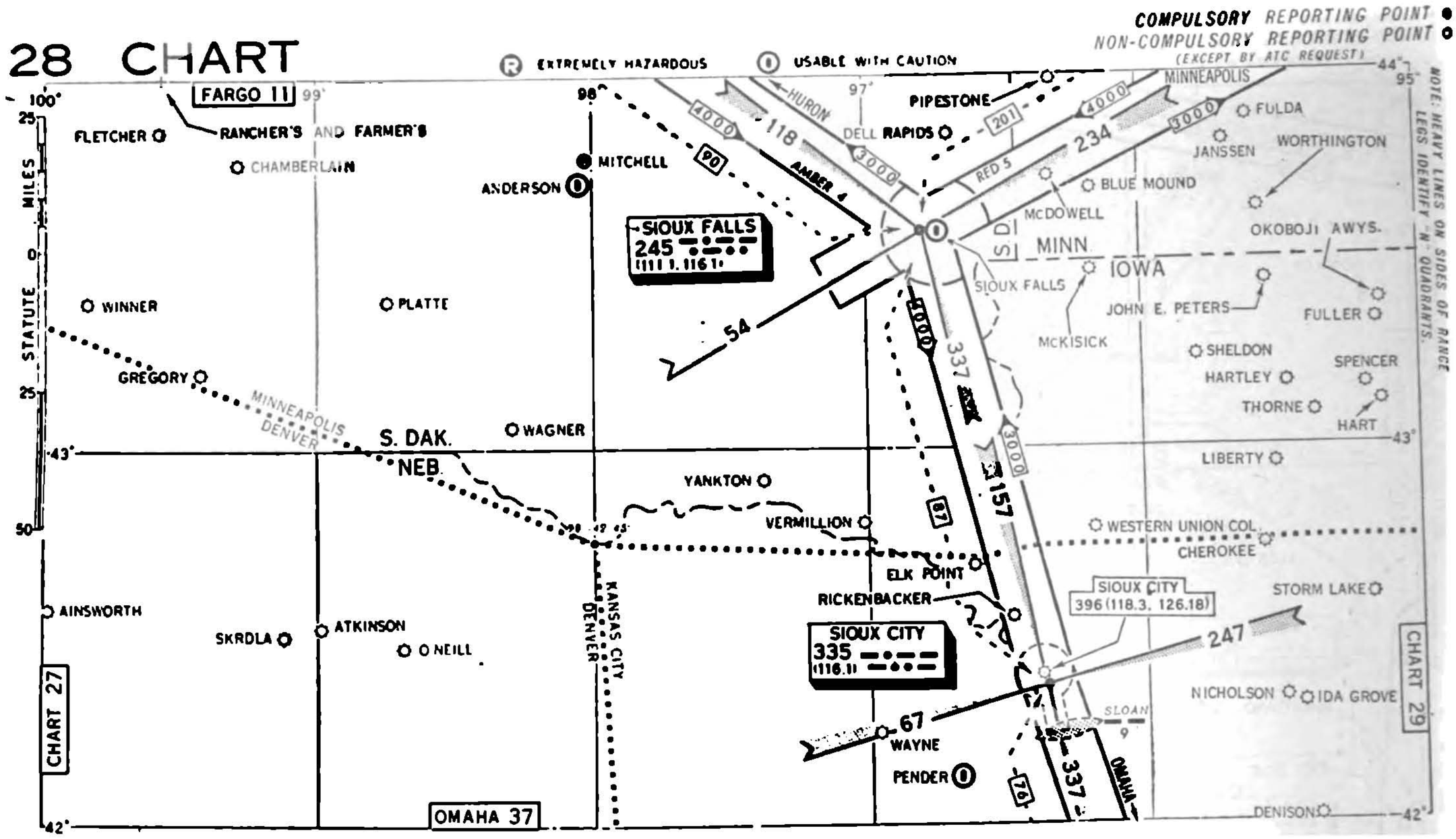


FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
→ CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4);116.1,122.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
Crawford (Nebr)	3.8 NNW;hwy E			ABANDONED
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N.
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct.
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE.
Lusk (Wyo)	2.9 E;RR S	5000	42 S1	80 oct. P-lines SE,S,NW,N.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	80 oct. P-line N,E.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S strips.
→ Seneca (Nebr)	2.2 NNW;riv 2 S	3200	26 S2	Ltd 80 oct. NW blkd. Use NW
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. P-line S,SE,SW,W
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles NE.
(P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	73,80,91 oct. Rough.
NEW FACILITIES				
Murdo (S.D.)	1 WSW;hwy E,S	2300	25 S1	80 oct. NE,E blkd. Use ctn.
Wall (S.D.)	0.5 NW;RR E	2800	33 S2	73 oct. NE,E,SE,S blkd.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. h-hard surfaced runways.

R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted.

[Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7 WNW;RR S			ABANDONED
Anderson(Mitchell,S.D.)	2.7 W;RR N	1293	29 S6	80 oct.Poles sur fld.
Atkinson (Nebr)	1.4 SW;riv NF	2109	22	Trees S.P-line E,SE. N, NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct.
→ Dell Rapids Mun.(S.D.)	1.6 NE;riv SE	1450	20 S4	80 oct.
Denison (Iowa)	2.4 WSW;riv SE	1200	20 S2	80 oct.Trees SSW.
→ Elk Point (S.D.)	2.4 E;riv NE	1120	26 S6	80 oct.Poles N,NW.Use strips.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	26 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S
Liberty (Sutherland,Ia)	2.1 WSW	1465	23 S6	80 oct.35'p-line E.RRW
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct. Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia)	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE
→ Pender (Nebr)	1 NE;RR SW	1400	22 S4	80 oct.P-line SW,W,NW
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto.
Platte (S.D.)	1.2 NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver
Rickenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRLZ-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	6.5 S;RR 1 NE	1097	69h L5 S8	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRAZ-DTV	(4);116.1,122.1 mil.acft.
(NG) [Sioux Falls Mun.] (S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-ech maint NC
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S

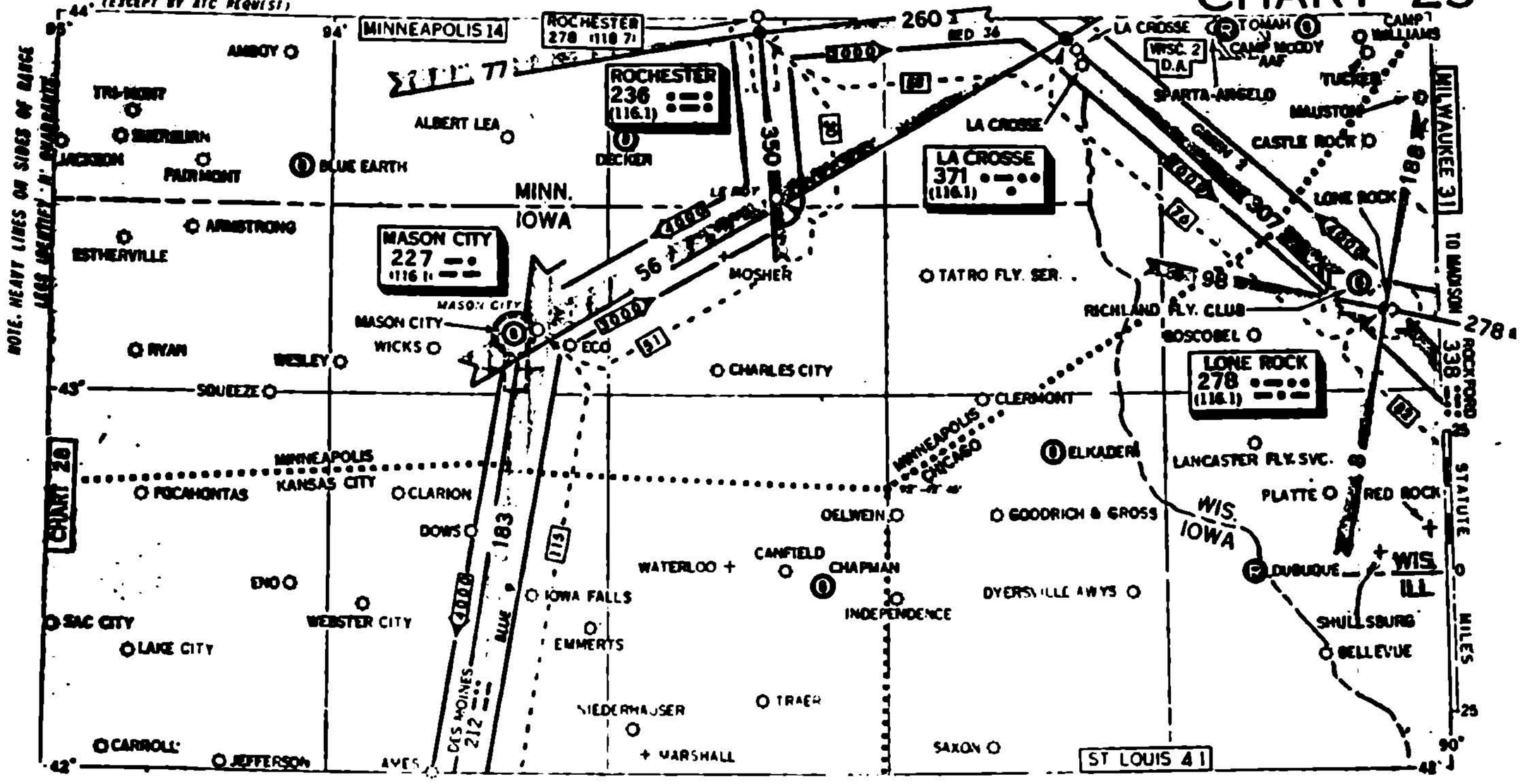
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Storm Lake (Iowa)	3.5 SSW;1k NE	1300	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W.
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N.RR NE.
Wagner (S.D.)	1.3 S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3 SW;RR SE	1190	30 S6	80 oct Low obst
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E. in town.
NEW FACILITIES				
O'Neill (Nebr.)	2 NW;hwy N	2100	35 S6	80 oct.N,SE,S,SW blkd.
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto,P-line S.
Hartley (Iowa)	7 SE;RR NE	1490	26	P-line SE.
Blue Mound Air Svc (LuVerne,Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
Ida Grove Flying Svc (Ida Grove,Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.
Ainsworth Mun (Nebr)	7.5 WNW;RR N	2580	73h L5 S6	80,91 oct.No sto.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing (see page XIII) → NEW OR REVISED DATA (NC)-Not charted. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

R EXTREMELY HAZARDOUS U USABLE WITH CAUTION

CHART 29



FACILITY	FREQ. IDENT. ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
(P) Albert Lea (Minn)	2.3 N,RR E	1255	32 S6	80 oct P-line N
Amboy (Minn)	1 NNE;RR W	1080	24 S2	80 oct
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	1,11,80 oct Trees E.
Bellevue (Iowa)	3.1 N;riv E	652	16 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct Flares on req
(A) Camp McCoy (Wis)(A)	SSW	930	0	
(P) Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45a	
Canfield (Waterloo,Iowa)	3.5 NW;RR NE	890	32 S6	80 oct P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1198	34 S2	80 oct
Chapman (Waterloo,Ia)	5 E;RR NW	870	33 S6	80 oct P-lines S
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.6 S;riv W	800	21 S6	80 oct P-line SE,NE
Conrad (Iowa)	3 WNW;RR S			ABANDONED. Unlkd.
Decker (Austin, Minn)	1.7 E;hwy N	1224	20 S6	80 oct No sto N,S,W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct. No flood lgts
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80,91 oct. Poles S,SE.
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct. Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct. P-line NW NE Rnwy data unver
(P) Emmerts (Eldora,Iowa)	2.9 NE;lk SW	1000	32 S6	80 oct. Poles NW,SE
Eno (Ft. Dodge, Iowa)	2.5 S;hwy W	1126	27 S6	91 oct
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct. Port rnwy lgts Poles SE,SW
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct P-line W Flares
Goodrich & Gross (Strawberry Pt,Iowa)	3.5 W;RR NE	1200	16 S1	Ltd 80 oct on req.
Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct. Poles N
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct No sto P-line N
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRAZ-DTV	(4); 116.1 No flood lgts
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80,91 oct Det rivs
✦ La Crosse Int,23A, CG-Twin Cities(Wis)	8 NNW; RR NE	667	37 L3	Pole E
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
✦ Lone Rock Int,15,CG-Twin Cities (Wis)	2 N rd W,N	714	39 L3 S2	80,91 oct. P-line NE

FACILITY	FREQ. IDENT ARPT LOCATION	BEAR & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MASON CITY II Fac. (R)	227 (MM) (116.1)		BRTV	(4); 116.1, 122.1 (cont.)
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80,91,100 oct. Poles
Mosher (Riceville,Ia)	1 W;hwy S	1263		80 oct. P-line S. SSE. Data unver.
Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct. Data unver. (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E,S. Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.8	BMRLZ-DTV	(3); 116.1 unver.
ROCHESTER Tower (Minn)	278 (118.7)		C	(4); 118.7, 122.5
← (Rochester Mun) (Minn)	1.7 SSE;RR W	1041	42h L4 S6	80,91 oct. P-line E,NW
Ryan (Emmetsburg,Ia)	1.3 W;RR N	1225	18 S2	80 oct. Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids,Ia)	7 NE;hwy S	880	26 S6	73 oct. P-line N
Sherburn (Minn)	2 WNW;RR S,E	1300	21 S2	80 oct. Pwr line ESE.
Shullsburg (Wis)	1.1 S	1080	17 S6	80 oct. Trees SW.
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct. Poles sur fld.
Squeeze (Algona,Iowa)	5 S;riv S	1201	26 S2	80 oct. P-line NW,W.
Tatro Fly Svc. (Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct. 180' hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Tri-Mont (Triumph)	0.9 S;RR W,E	1250	24 S1	80 oct. (Minn)
(P) Waterloo (Iowa)	4 NW;RR S,E		64h L5 S1	80,91 oct. Data unver No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E,RR N	1250	31 S1	80 oct. P-line N,S
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW,SW
Jackson (Minn)	2 N	1440	28 S2	80 oct. E-line S.
Charles City (Iowa)	3.3 E;RR S	1080	26 S2	80 oct. P-lines N,S,SW,NW.
Eco (Mason City,Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct. P-line N,NW.
Oelwein (Iowa)	3 W	1050	26 S6	80 oct. P-line N,W.
Niederhauser (Marshalltown,Iowa)	4 N,hwy E	900	32 S6	80,91 oct. No sto. P-line N,W.
Marshall Fld (Marshalltown,Ia)	3 E	890	S6	80 oct. Data unver.
Lancaster Flying Service (Wisc.)	1.8 SNE;RR NW	1110	24 S6	80 oct. Fallen trees SE.
Lancaster (Lemonweir, Wisc.)	2,SW;RR N	880	15 S1	(Wisc.) 80 oct. N blkd.
Boscobel (Wisc.)	NE;RR S	670	27 S1	80 oct. Bluffs NNE,SE,NW.
Castle Rock (Wonewoc,	1.1 NNW;RR S	960	19 S1	80 oct. P-line NE,SW. (Wisc)
Tucker Fly. Service (New Lisbon,Wisc)	1.6 NNW;riv E	880	15 S1	80 oct. Trees E.
Platte (Platteville,Wisc)	3.1 E;RR E	1100	23 S1	80 oct. P-line NE,SW.

RADIO: S - Simul. Range and Voice. W - Without Voice. I - VHF Range Station Location Marker. (R) - 3165, 6685, 6230 kcs. (U) - 3165, 6685, 6230, 8977.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. (with) - Voice on 116.1 and 116.1 mcs. ✦ - Army A.C.S. transmits on and guards 116.1, 122.1R, 149.64 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4725 kcs. (First Figure is Scheduled time, Second Alternate time)

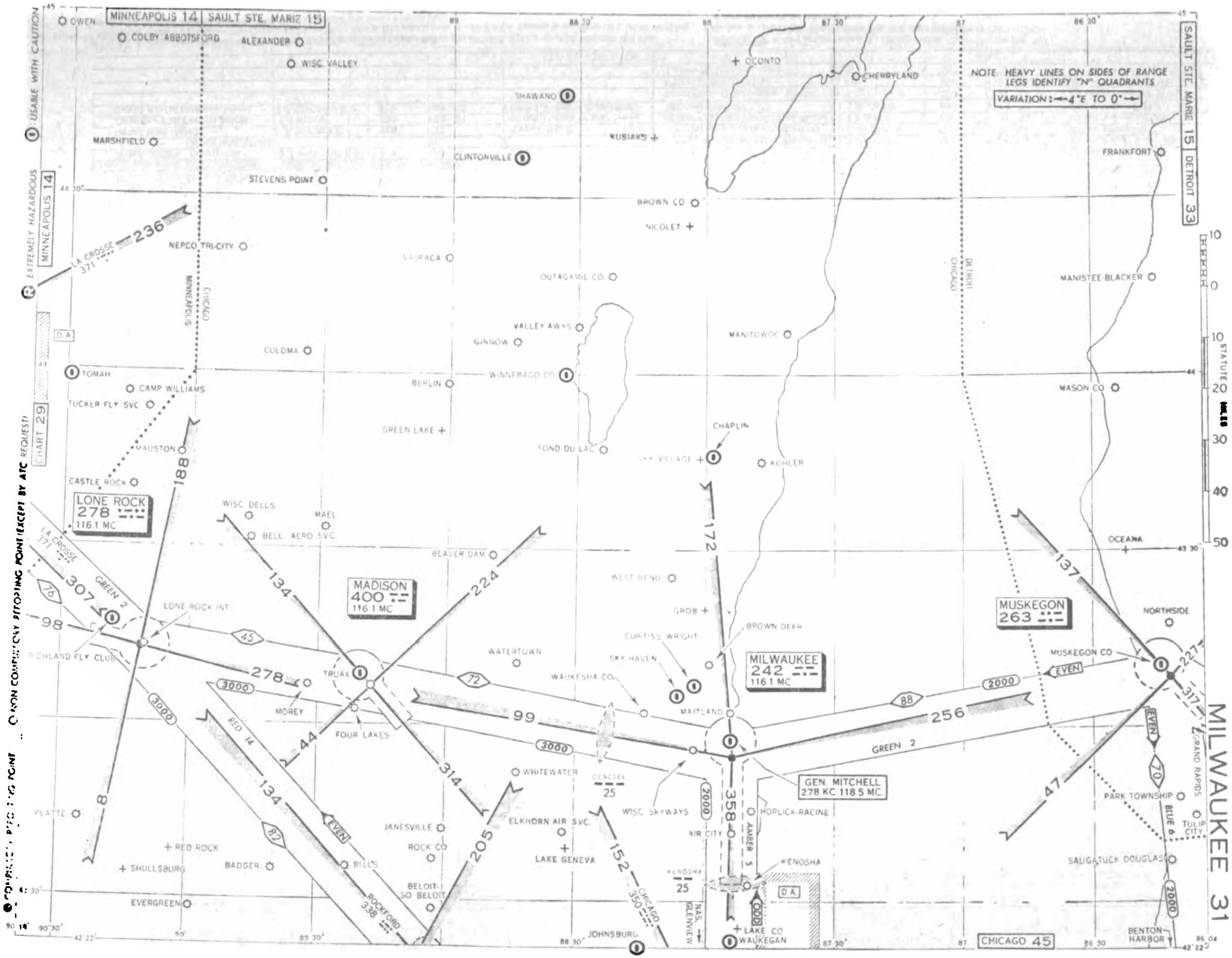
AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page 1111) ←→ New or revised data. [Green] - Airline Stop. N.B. Radio facilities are in CAPITALIZED. Airports are unlighted and non-operational

MILWAUKEE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW. Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo, Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit, Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis) [(Warren,Ill.)]	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling. P-line E, W.
➙ Evergreen Flying Club	1.4 SSE;hwy W	1000	26 S1	80 oct.Private.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower (P) [General Mitchell] (Milwaukee, Wis)	278 (118.5) 6 S;RR E	676	C 50h L4 S6	(4); 118.5, 122.5 80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	960	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct. 51' twr SE; p-line E.
Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
★ Lone Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld.
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W.SW. SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwy S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	2 NNW;hwy E	928	33 S6	80 oct.S blkd.Trees NW.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMRLZ-DT	(4)
(P) [Muskegon Co.] (Mich.)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nenco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W. Data unver.
➙ Oconto Falls (Wis)	2.7 ENE;RR S			ABANDONED.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland, Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Fly. Club (Sextonville,Wisc)	0.2 NW;riv W	724	23 S2	80 oct.Pole W.Trees E,SSE.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	670	26 S2	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N. Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1180	30 S4	80 oct.P-line N,NW.
NEW FACILITIES				
Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto.Refinery SW
Oceana (Rothbury, Mich)	1 2W;hwy E	700	30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E.
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy W
Castle Rock(Wonewoc,Wisc.)	1,1 NNW;RR S	960	19 S2	80 oct.P-line N,S.Trees W.
Tucker Fly. Service (New Lisbon,Wisc.)	1.6 NNW;riv E	880	13 S1	80 oct.Trees E.
Platte (Platteville,Wisc.)	3.1 E;RR E	1100	22 S2	80 oct.P-line NE,SW.Trees S,SE
Coloma (Wisc.)	3,0 NW;hwy F	1065	26 S2	80 oct.N,S blkd.
Berlin (Wisc.)	2.9 W;hwy S	780	20 S1	80 oct.SE blkd.P-line SW.
Owen (Wis)	0.7 NE;RR,hwy S	1270		80 oct.P-line N,NE,SW,W,NW.
Mauston (Lemonweir,Wisc)	2 W;RR N	880	15 S1	80 oct.N blkd.
➙ Lake Geneva (Wisc)	5.5 NW;hwy E		29 S4	80,91 oct.Data unver.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
➙ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


MINNEAPOLIS 14
SAULT STE. MARIE 15
SAULT STE. MARIE 15
DETROIT 33
MINNEAPOLIS 14
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 0°
OWEN
COLBY ABBOTSFORD
ALEXANDER
WISC VALLEY
MARSHFIELD
SHAWANO
CLINTONVILLE
STEVENS POINT
RUSIAKS
OCONTO
CHERRYLAND
FRANKFORT
BROWN CO
NICOLET
LA CROSSE 371
236
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
MANISTEE-BLACKER
MINNEAPOLIS CHICAGO
DETROIT CHICAGO
VALLEY AWYS
GINNOW
MANITOWOC
COLOMA
TOMAH
CAMP WILLIAMS
TUCKER FLY SVC
WAUSTON
BERLIN
WINNEBAGO CO
MASON CO
CHART 29
GREEN LAKE
CHAPLIN
FOND DU LAC
SKY VILLAGE
KOHLER
CASTLE ROCK
LONE ROCK
278
116.1 MC
WISC DELLS
MAEL
BELL AERO SVC
BEAVER DAM
OCEANA
LA CROSSE 371
GREEN 2
LONE ROCK INT
MADISON
400
116.1 MC
WEST BEND
GROB
BROWN DEER
MUSKEGON
263
NORTHSIDE
RICHLAND FLY CLUB
WATERTOWN
CURTISS WRIGHT
SKY HAVEN
MILWAUKEE
242
116.1 MC
MUSKEGON CO
TRUAX
WAUKESHA CO
MAITLAND
MOREY
FOUR LAKES
RED 14
WHITEWATER
GENESEE
25
GEN. MITCHELL
278 KC 118.5 MC
WISC SKYWAYS
HORLICK-RACINE
PARK TOWNSHIP
GRAND RAPIDS
PLATTE
JANESVILLE
ELKHORN AIR SVC.
AIR CITY
AMBER 5
RENOSHA
TULIP CITY
SAUGATUCK DOUGLAS
+ RED ROCK
+ SHULLSBURG
BADGER
ROCK CO
BILLS
LAKE GENEVA
KENOSHA
25
EVERGREEN
BELOIT-SO BELOIT
ROCKFORD 338
CHICAGO 350
NAS. GLENVIEW
JOHNSBURG
+ LAKE CO
WAUKEGAN
CHICAGO 45
BENTON HARBOR
MILWAUKEE 31
STATUTE MILES
10
0
10
20
30
40
50
188
307
98
8
278
44
134
314
205
224
172
99
358
256
137
47
2000
3000
45
72
88
70
82
EVEN
ODD
DA
42°22'
90°30'
89
88 30'
88
87 30'
87
86 30'
86.04

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct.Poles N.Trees E,S,W
Aviation Co.Club(Galesburg)	1.8 WSW;lake S	800	19 S1	80 oct.Trees NE,NW (Mich.)
Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct.Poles NW,N,S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE. blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct.N blkd.Trees S.
← Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S2	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	80 oct.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	278 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W.
CADILLAC H Fac.(Int)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2.2 E;riv 0.8 SW	735	26 S4	80 oct.N,S appchs blkd.
DETROIT H Fac (Mich)	338(D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
FLINT H Fac. (Mich)	335(FN)(vhf)		MHTV	(3);116.1,122.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto.P-lines S, N
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req. Poles SE,NE.
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct.S blkd.Ctn-rough
Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct.P-line N.Trees sur fld.
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct.Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	80 oct, Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req.(Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bcd W	936	62h L5 S6	80-100 oct.Lgts on req.
(P) [Kent Co.] (Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct.Obst sur fld Rdo
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW,Trees S
LANSING Range (Capital City)	206(LJ)(116.1)	280°,3.0	SBMRAZ-DTV	(4);116.1 (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW.
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	0.7 SE;riv N	760	21 S2	80 oct.Obst sur fld.Ctn soft.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.
NEW AND REVISED DATA				
Hutchinson's Sunnyside (Moorland,Mich)	3.2 WNW;RR S	675	20 S2	80 oct.
Grant Mun (Mich)	1.8 ESE;RR E	705	27	Trees NE,E. E,S.
Daunder Fld(Fenton,Mich)	1.5 N;lk W	890	26 S1	80 oct.P-line W,NW,trees
David Airfld (Athens,Mich)	1.3 SSW;hwy E,S	915	26 S1	80 oct.Poles E,trees S,W.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
← Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80,91 oct.E,SE,SW,W,NW blkd.
MUSKEGON Range (Muskegon Co)	263 (UK)	317°,2.8	BMRLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv NE	720	24 S1	80 oct Trees N,E,hill S,poles W
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80,91 oct.P-line SE,S.Lgts on
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1 req
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct. Poles S,SE,SW Lgts on req.Trees NW,NE
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396(126.18,137.88)+		CA (ILS-W)	(3);137.88
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct IP-1.Poles E FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2.5 N;riv E	600	28 S2	80 oct. Trees NE N.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct (Mich)
(P) [Tri-City] (Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA ONLY"
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct.
White Cloud (Mich)	0.5 N	872	18	Twr SE P-lines NE,SW
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC	LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ••••••(0.83)	OM- — — (4.31)	
					MMK-	OMK-	
WILLOW RUN			50°	IM-	MM-	OM-	
					MMK-341 — (0.65)	OMK-359 •— — (5.80)	

Utica (Mich)	2.7 WNW;hwy S	710	20 S1	Ltd 80 oct.P-line NW,SE.Soft
Romeo (Mich)	2 ESE;lake E	730	30 S1	80 oct.N blkd.Poles W.RR N,W
(NC) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main NG. ARPT OF ENTRY
(P) [Willow Run] (Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N (Mich)
Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct P-line E,S NW
City of Fremont/Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW
Aero Manor(Millett,Mich)	1.4 E;riv NW	858	30 S5	80 oct.Poles NW,trees NE,NW
Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
McKay(Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
Morgan's(Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE,
Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd S,SW P-line N. Tree W
Tawas City (Mich)	1 WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
WINDSOR Range (Ont.Can.)	353(OG)	243°,3.3	SBRAZ-T	3105,6210,3117.5
WILLOW RUN Tower (Mich)	332(118.7)		C(ILS-W)	(4);118.7
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S. Hwy
Wings (St.Johns, Mich)	2.7 SW;RR N	760	21 S1	80 oct,Trees SE,NE,
Otsego-Plainwell Mun(Plainwell,	1.5 N;riv NW	727	26 S2	80 oct.Poles E,S. Mich)
Ceadar-Rock (Edgerton,Mich)	0.8 SE;RR W	750	25 S1	80 oct.Poles SW.
Motor City Sky Park(Flint,Mich)	3.7 E;RR S	795	21 S1	80 oct.Trees NE,NW.
Marlette (Mich)	1.3 N;hwy W	825	18 S1	80 oct.Trees S,NW.
Sportmans (Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Trees SW,NW.
Union City (Mich)	1 SW	900	27 S2	80 oct.Trees N,ENE,S.
Lamm (Litchfield,Mich)	2 N	957	22 S2	80 oct, P-line N,trees E.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 6210, 3117.5 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page I111) →← New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

DETROIT 33

FRANKFORT
SAULT STE. MARIE 15
CADILLAC 269 On request
CADILLAC
ROSCOMMON
ROSCOMMON CO
HOUGHTON LAKE
TIMBERS SKY CAMP
OSCODA AAF
D.A.
ST HELEN
IOSCO CO
LA PORTE
HARRISON
AU GRES
GLADWIN
GLADWIN 257 On request
BALDWIN
EVART
COLBECK
DOHERTY
SPORTSMAN
HARBOR BEACH
RAD AXE
MECOSTA CO
MT PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI CITY
JAMES CLEMENTS
CITY OF FREMONT
LAKEVIEW
SKYHAVEN
CARO
SAGINAW 212 On request
SAGINAW
BARRY
ALMA
MARLETTE
HUTCHINSON'S SUNNYSIDE
NEWAYGO
GRANT
JOHNSONS
CROSWELL CITY
MUSKEGON 263
CEDAR ROCK
SPARTA
FLINT 335 111.1 116.1 MC
FORREST
CHESANING
WEST S
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
ELSIE
SHIAWASSEE CO
BISHOP 278 KC 118.3 MC.
DALTONS
MOTOR CITY
SEELEY'S
LAPEER
GRAND RIVER
LANSING 206 116.1 MC
WINGS
BAKER'S
LOWELL
IONIA
FOR DETAILS IN THIS AREA SEE CHART 141
KENT CO
DAUNER
HOLLY
ARMADA
CENTER
ST CLAIR CO
PARK TWNSP
TULIP CITY
ABRAMS
OXFORD
ALLEN'S
ROMEO
SELFRIDGE AAF 388
ANCHOR BAY
SELFRIDGE AAF 396 KC 126.18, 137.88 MC.
GRAND RAPIDS 329 116.1 MC
HASTINGS
CAPITAL CITY
AERO MANOR
HOWELL
HIGHLAND
PONTIAC
UTICA
WINGS
SAUGATUCK DOUGLAS
BEACH
JEWETT
MILLER
ROMULUS 230 116.1 MC
DETROIT W 338
ALLEGAN
HOTSEGO-PLAINWELL
McKAY
WILLOW RUN 332 KC 118.7 MC.
MITCHELL BAY
CLEAR CREEK
BATTLE CREEK 272 116.1 MC
AVIA COUNTRY CLUB
KELLOGG
REYNOLDS
MORGAN'S
SALINE
ECORSE
WESLER
PAW PAW
LINDBERGH
BROOKS
JACKSON 257 On request
WAYNE CO
WINDSOR 353
MARKS
AUSTIN LAKE
DAVID
UNION CITY
LAMB
BURR OAK
TOLEDO 239
FLAT ROCK
LEACH
BENTON HARBOR
TO UNION
INDIANAPOLIS 47
DUNDEE
SANDUSKY
CLEVELAND 49
CHATHAM
LONDON

NOTE- HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 5°W

USABLE WITH CAUTION
EXTREMELY HAZARDOUS
MILWAUKEE 31
NON COMPULSORY REPORTING POINT (EXCEPT BY A/C BOUND
COMPULSORY REPORTING POINT

STATUTE MILES 10 0 10 20 30 40 50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
* Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles E.
* Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
* Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W;RR S	4160	28 S2	73 oct. P-line N,NE,SE,
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W S,NW
CHEYENNE Range (Wyo)	326(CYS)(vhf)	75°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct. for Army. 80,100 oct.,2-ech maint NG.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	Poles W.
(P) Craig (Colo)	1.8 SE;riv N	6300	51 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9,7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV. Use in emerg.
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	42 S6	80 oct. P-line NE,N.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1. 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	38	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947
Flagler (Colo)	0.8 S;hwy N	4975	40 S4	80 oct. P-line E,NE,SE.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	26 L1 S6	73,80,91 oct. (Colo.)
[Fremont Co](Canon City, Colo)	6.9 E;riv 2.5 S	5350	49 S6	80 oct
General Brees (Laramie)	See Brees Field under "New Facilities" - name changed.			
Glenwood Sprgs.(Colo)	2 S	5900	31 S4	73 oct.
Granby (Colo)	1 ENE;hwy S	8200	39 S2	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	57 S4	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW
Hugo (Colo)	1.5 E;hwy S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4600	21 S4	80 oct. P-line W. Data
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. unver.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4),116.1,122.1 (Colo)
LARAMIE Range (Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD. Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	36 S1	80,91 oct.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees,poles
Montrose (new) (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct. CLOSED
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40 S2	Caution.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct. P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(4);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91,100 oct. E blkd.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR I S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N;riv .5 E	4900	26 S1	73 oct. Emerg only.
Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	81 oct. Do not land N or S. P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
St. Francis (Kans)	1 SSE;riv NW	3400	35 S2	80 oct.
Salida (Colo)	4 W;RR S	7500	36 S4	80 oct. Trees W,S.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct. P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
* Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV. P-line S,SE. (Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W.
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;hwy E	3400	36 S2	80 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	52 S6	73,80 oct. Rough
Yuma (Colo)	1.4 SSE;hwy W	4150	34 S6	80 oct. P-line S,SE,SW,NW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

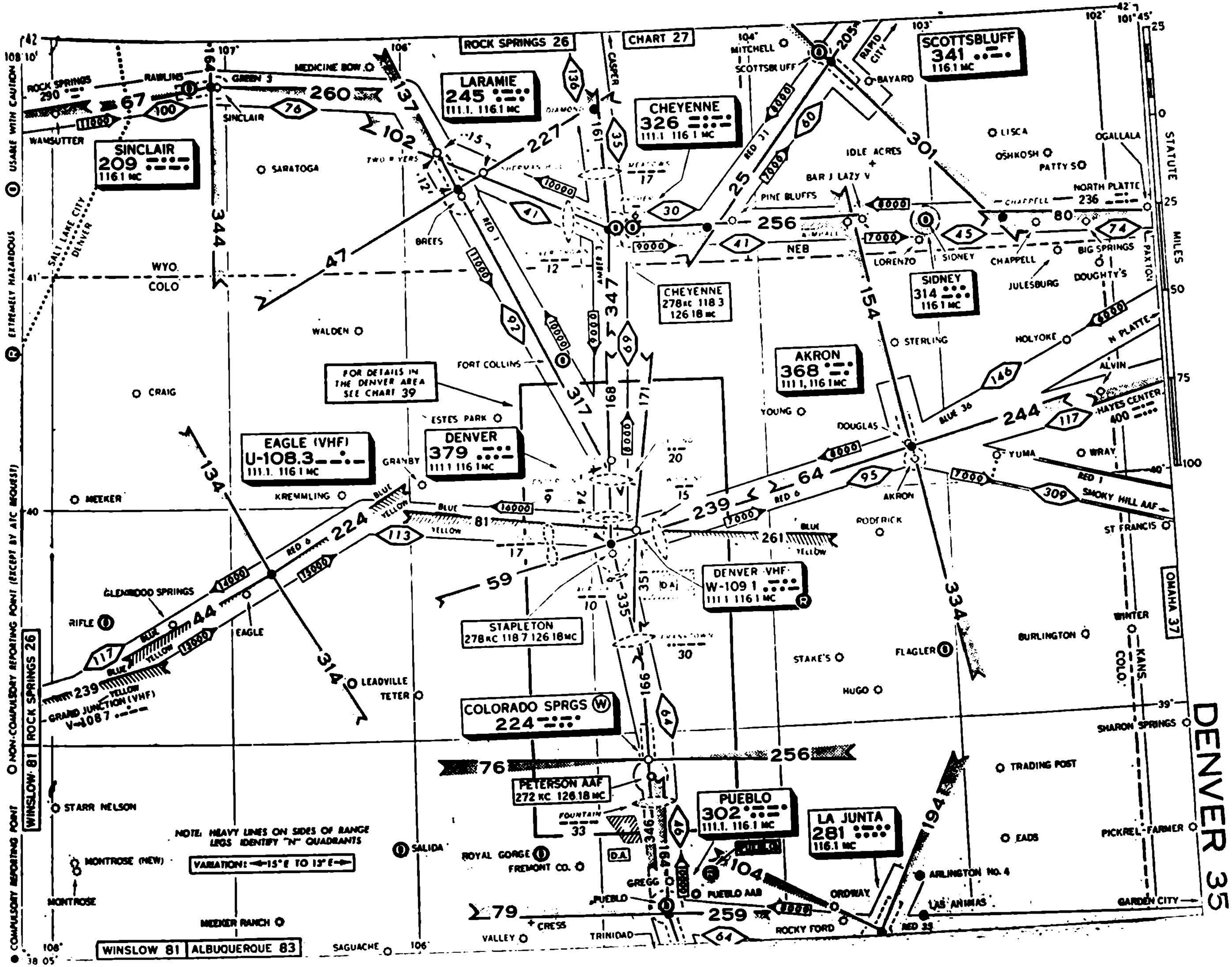
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
STAPLETON	110.3 ·-·· ····	335	206°	IM-	MM-·—·—(0.65)	OM- ——(4.19)
					MMK- 335 ···—	OMK-359 —··
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O'Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct. P-line N. Data unver
(P) Sterling (Colo.)	2.8 W;RR S	4070	34 S6	80 oct.
Pickrel-Farmer (Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct. Poles N,NE;bldgs
Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct. Poles E E
Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct. Pole NE. Elev. NW Use strips only.
Brees (Laramie,Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Sidney (Nebr.)	3 S;hwy N	4298	34 S1	80,91 oct. P-line N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ✚ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ROCK SPRINGS 26
CHART 27
DENVER 35
ROCK SPRINGS 290
RAWLINS
GREEN 3
MEDICINE BOW
LARAMIE 245 111.1, 116.1 MC
CHEYENNE 326 111.1 116.1 MC
SCOTTSBLUFF 341 116.1 MC
SINCLAIR 209 116.1 MC
SINCLAIR
WAMSUTTER
SARATOGA
SALT LAKE CITY DENVER
WYO
COLO
BREES
WALDEN
CRAIG
MEEKER
RIFLE
GLENWOOD SPRINGS
EAGLE
LEADVILLE
TETER
STARR NELSON
MONTROSE (NEW)
MONTROSE
MEEKER RANCH
SALIDA
ROYAL GORGE
FREMONT CO.
FORT COLLINS
FOR DETAILS IN THE DENVER AREA SEE CHART 39
ESTES PARK
GRANBY
KREMMLING
EAGLE (VHF) U-108.3 111.1, 116.1 MC
DENVER 379 111.1 116.1 MC
CHEYENNE 278 RC 118.3 126.18 MC
STAPLETON 278 RC 118.7 126.18 MC
COLORADO SPRGS (W) 224
PETERSON AAF 272 RC 126.18 MC
DENVER VHF W-109.1 111.1 116.1 MC (R)
AKRON 368 111.1, 116.1 MC
PUEBLO 302 111.1, 116.1 MC
LA JUNTA 281 116.1 MC
PUEBLO AAB
AKRON
BAYARD
MITCHELL
SCOTTSBLUFF
RAPID CITY
IDLE ACRES
BAR J LAZY V
PINE BLUFFS
LORENZO
SIDNEY
CHAPPELL
JULESBURG
LISCA
OSHKOSH
PATTY SO
OGALLALA
NORTH PLATTE 236
BIG SPRINGS
DOUGHTY'S
PAXTON
STERLING
HOLYOKE
N PLATTE
ALVIN
HAYES CENTER 400
YUMA
WRAY
SMOKY HILL AAF
ST FRANCIS
WINTER
BURLINGTON
FLAGLER
STAKE'S
HUGO
TRADING POST
EADS
PICKREL FARMER
SHARON SPRINGS
ARLINGTON No. 4
LAS ANIMAS
GARDEN CITY
ORDWAY
ROCKY FORD
TRINIDAD
CRESS
VALLEY
PUEBLO
GREGG
FOUNTAIN
SAGUACHE
YOUNG
DOUGLAS
RODERICK
KANS.
COLO.
OMAHA 37
GRAND JUNCTION (VHF) V-108.7
WINSLOW 81 | ROCK SPRINGS 26
WINSLOW 81 | ALBUQUERQUE 83
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°E TO 13°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC INSTRUCTIONS)
COMPULSORY REPORTING POINT
STATUTE MILES
DA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy S	2900	26 S6	80 oct., Soft when wet.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs S,SW; poles S, Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S6	80 oct. Poles S,SE.
Benkleman (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Blosser (Concordia, Kans)	1 SSE;hwy W	1510	22 S2	80,91 oct. Pole E.
Brainard Int, 82, SL-OH	5.5 SW	1640	31 L2	P-line N. (Nebr.)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr) (A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S,NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26 S2	80 oct. P-lines N.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;hwy W	3150	42 S4	80 oct. Poles SW,W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE,SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3S6	80,91 oct. Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	0.4 SW;riv S	1500	22 S1	80 oct. NW,N blkd. Pole
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S4	80,100 oct. Poles SE,S,SW,N. W/
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE,N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct, Poles E,NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W,NW,S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE,E,SE.
Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. W. Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1846	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N,W.
(A) Harvard AAF (Nebr) (A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N,S	1940	35 S6	73 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S,W. NE,SW,W,NW.
Hawks (Bruning, Neb)	3.8 ESE;rd N	1544	29 S4	80 oct, N blkd. Poles
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N,NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	25 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;hwy N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (Mc Pherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(3); 126.18 (8-1630)
(A) Kearney AAF (Nebr) (A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct. JP-1. No sto
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; P-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE;RR SE			ABANDONED.
LEBO Range (Int.) (Kans)	311 (LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW	2325	29 S2	creek NE 80 oct.
Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE,E,SE,
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) [Lincoln] (Nebr)	5 NW;RR NE	1191	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG.
Lyons (Kans)	1.3 W;hwy N	1950	28 S6	73 oct. P-line NW,N,NE
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E, S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy S.
(A) McCook AAF (Nebr) (A)	9 NNW;hwy E	2784	75h	CLOSED.
McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S6	80 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	80 oct, Poles SW,W,RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S6	80 oct. P-line SE. 8 NE
NORTH PLATTE Range (Nebr)	236 (NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv S	2779	55h L5 S6	73,80 oct.
(P) Norton (Kans)	0.7 NNW;hwy E	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;hwy SE	2684	25 S4	80 oct. P-line SE,NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un- ver.
OMAHA Range (Nebr)	320 (OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lk W	982	54h L6 S6	80,91,100 oct.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N			ABANDONED.
Ord (Nebr)	1.8 NW;RR, hwy E	2060	31 S4	80 oct. Use strips.
Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278 (118.5, 126.18)		C	(4); 118.5, 126.18, 122.5; 100-150 mcs on req.
[Phillip Billard] (Topeka, Kans)	3.5 ENE;riv N	879	43h L3 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.2 S;hwy E,N	1882	33 S2	80,91 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE,NW,NE
Republican City (Nebr)	See Waldo Air Svc under "New Facilities" - name changed.			
Russell (Kans)	2.7 ESE;hwy N	1860	32 S6	73,80,91 oct. Poles N, NE,S,SW.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE	1275	26 S6	80, 91 oct. P-line NW.
Schuyler (Nebr)	2.8 W;RR S	1380	20 S4	80 oct. NE,SW blkd.
Scott City (Kans)	1.3 ESE hwy N	2980	32 S2	80 oct. SW,W,NW blkd. Poles N,NE.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N,S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW	1806	27 S1	80 oct. S blkd. Pole SE.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170°, 5.1	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA (ILS-W)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE	1450	20 S6	80 oct. P-line N,NW.
TARKIO H Fac. (Mo)	281 (TK) (116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE,SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRAND ISL. AAF (A)				DECOMMISSIONED
OMAHA	110.3	335	135°	IM- • — • — (0.78) OM- — — (4.90) MMK- 201 • • • • OMK- 219 — — —
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19) MM- • • • • • • (0.89) OM- — — (4.20) MMK- OMK-
				IM- MM- OM- MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blckd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr)	2.5 NE	1180	25	Poles S.
Oakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.
Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.
Burdett Fly Club (Kans)	1 SW;RR N	2140	20 S1	80 oct Poles E,S prior req.
Concordia (Kans)	1.7 S;hwy W	1510	24 L S6	80 oct. Flood, port rnwy lgts
Ellsworth (Kans)	1 N;twr 0.8 S	1630	26 S6	80 oct. FEE. P-line NW
Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S,N
Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S,W
Marysville (Kans)	1.3 ENE	1240	26 S6	80 oct. P-lines N,S
Nessco (Ness City, Kans)	1.6 ESE;RR 0.6 N	2240	26 S2	80 oct. E/W rnwy unsafe
Ness Fly. Club (Ness City, Kans)	1 ESE;RR N	2245	23 S2	80 oct. Poles N,S when wet
Oakley (Kans)	0.6 SSW;RR N	3050	26 S2	80 oct. P-lines SE,S,NW,N
Ritter (Jct. City, Kans)	3.7 W;hwy N	1260	18 S2	80 oct. Poles NE,N. Use stps.
Sterling Air Svc. (Kans)	1.2 SSW;lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs.
Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE
Superior (Nebr)	2 N;hwy W	1735	26 S2	80 oct.
Geneva Fly. Svc. (Nebr)	1.2 SSW;RR NW	1633	26 S4	80 oct. Poles E. Soft-wet
Roush (Grand Isl. Nebr)	2 SSE;riv N	1841	32 S6	80,91 oct. E blkd.
Harmon (Kearney, Nebr)	1.3 NNW;lk S	2240	17 S4	80 oct. Soft when wet.
Waldo Air Svc (Republican City, Nebr)	0.5 WNW;riv S	1980	30 S6	80,91 oct. N end soft.
Heller Air Ranch (Wisner, Nebr.)	5 SSW;rd S	1350	22 S4	80 oct. Poles SE. Use strips only.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

CHART 27 | CHART 28

NORTH PLATTE 236 111.1 116.1MC

GRAND ISLAND 263 111.1 116.1MC

HAYES CENTER 400 111.1 116.1MC

KEARNEY AAF 396KC 126.18MC

KEARNEY AAF 536

LINCOLN 385 116.1MC

OMAHA 320 111.1 116.1MC

OMAHA 278KC 118.5 126.18MC

FOR DETAILS IN THE OMAHA AREA SEE CHART 39

TARKIO 281 116.1MC

On request

GOODLAND 353

SMOKY HILL AAF 344

SMOKY HILL AAF 396KC 126.18MC

MARSHALL AAF 215

MARSHALL AAF 396KC 126.18MC

TOPEKA AAF 269

TOPEKA AAF 206KC 116.1 126.18MC

PHILLIP BILLARD 278MC 118.5 126.18MC

LEBO 311 111.1 116.1MC

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 12°E TO 9°E

R EXTREMELY HAZARDOUS U USABLE WITH CAUTION

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) COMPULSORY REPORTING POINT

STATUTE MILES

NEB KANS

DENVER

KANSAS CITY

OMAHA

ST LOUIS

FACILITY	ARPT. LOCATION	& DIST.. ELEV.	CLASS	FREQS. GUARDED. HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct.P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver
Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
→ Blair (Nebr)	3 NNW;hwy W	1050	28 S6	80,91 oct.P-line NW,W.
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S6	80,91 oct. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73.100 oct,1-ech maint NG
Calhan (Colo)	0.6 ESE;hwy N	6500	22	
* Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy 1 W	612	26 L3 S1	80 oct,P-line NE,NW.
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct. P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct P-line N,S.
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW.
Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct. NW blocked.
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34 S6	73,91 oct.
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S.
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE.
→ Eagleton (Decatur, Nebr)	1 S;hwy E	1100	26 S1	80 oct.P-line NE,E,SE.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW.
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel. P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E.
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct. P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E.
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E. PRIVATE
Highland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct. Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct. Port lgts on rel. SE blocked
LAMBERT-ST. LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126.18, 122.5, 118.3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	80-100 oct. Ltd 100 oct, 2-ech maint NG.Rdo rqrd.
Longmont (Colo)	2.9 W;hwy .5 S	5030	44 S6	80,91 oct. Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA ✈ :00.20	(3); 126 18
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,S,SW, NW,N,NE.
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C (ILS-W)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct No contact lgts.
→ Parks (East St. Louis, Ill)	4.2 SW;RR SE	410	26 L3	NW blk. PRIVATE.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct Port rnwy lgts 1700' paved rnwys.
PETERSON Tower(Colo)	272(126.18)		CA	(4):126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;bet RR,hwy	6575	42 S6	80,91 oct P-line NE,E,SE, W,NW.
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S6	80,91 oct P-line NE,SW, E,W blocked.Rnwy data unver. Bet RR & hwy.
Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	80,91 oct.Poles sur fld.
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE.
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	[illegible]	55h L5 S5	73,91,100 oct JP-1.
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct. Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°,7.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips.
SPRINGFIELD,Ill,(Range)	239(ZD)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;riv .3 N	615	24 S2	80 oct.Trees ESE,SE,WNW.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E			ABANDONED
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1.
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo)	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S6	80 oct. P-line SW,trees S.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAMBERT	110.3	335	238°	IM-	MM- (0.64)	OM- (3.98)
					MMK- 201	OMK-
OMAHA	110.3	335	135°	IM-	MM- (0.78)	OM- (4.90)
					MMK- 201	OMK- 219
STAPLETON	110.3	335	206°	IM-	MM- (0.65)	OM- (4.19)
					MMK-335	OMK- 359

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy	1010	30 S2	80 oct.S blkd.
Lisco (Nebr)	0.5 W;RR N	3800	26	
Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
Grundman, (Nebr. City, Nebr.)	1.1 W;hwy E	1150	28 S2	80 oct.
Falls City Mun. (Nebr.)	1.8 W	980	29 S2	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 122.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ✈ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

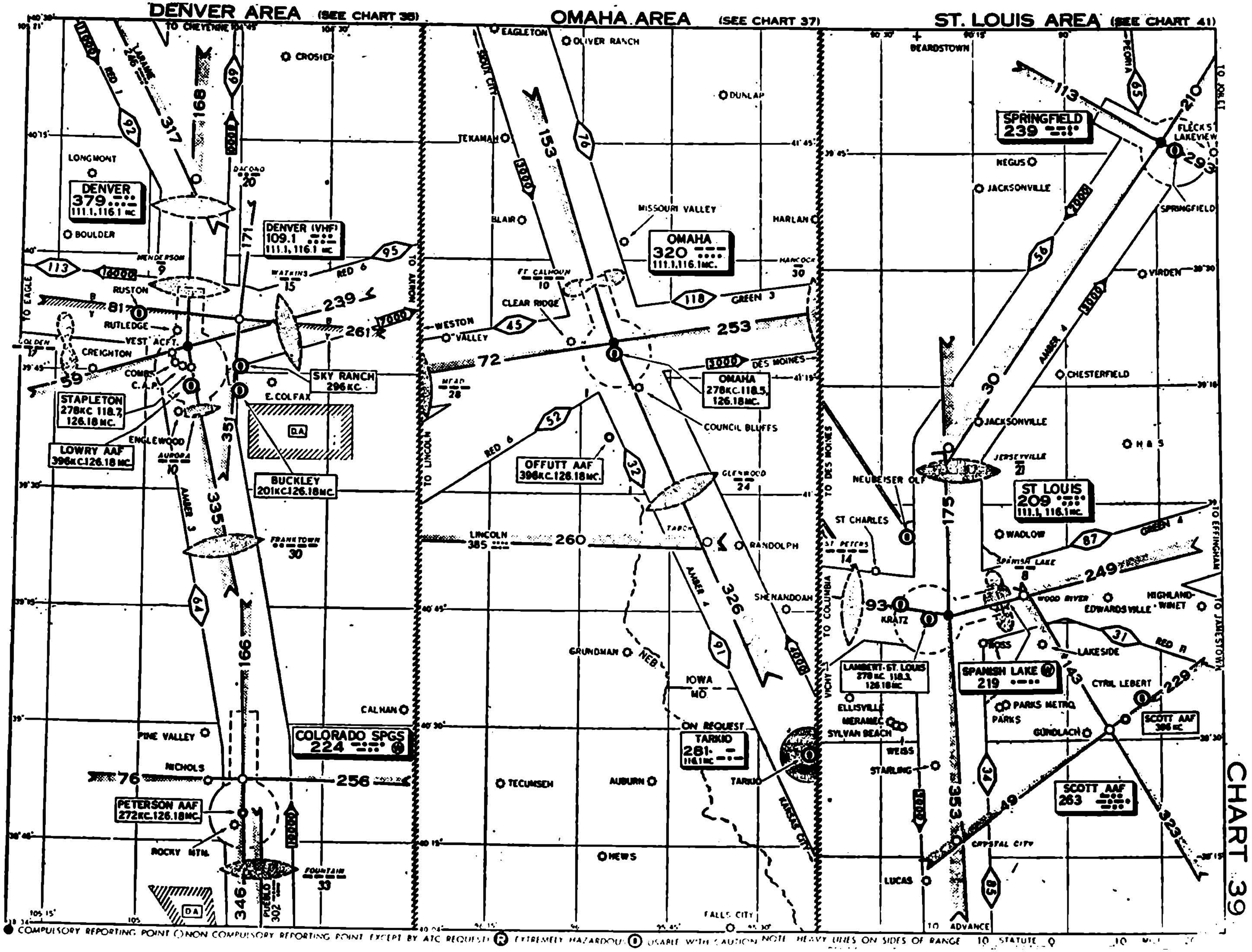

DENVER AREA (SEE CHART 38)
OMAHA AREA (SEE CHART 37)
ST. LOUIS AREA (SEE CHART 41)
DENVER 379 111.1, 116.1 MC
DENVER (VHF) 109.1 111.1, 116.1 MC
STAPLETON 278KC 118.7, 126.18 MC.
LOWRY AAF 396KC 126.18 MC.
SKY RANCH 296KC
BUCKLEY 201KC 126.18MC
COLORADO SPGS 224
PETERSON AAF 272KC. 126.18MC.
OMAHA 320 111.1, 116.1MC.
OMAHA 278KC. 118.3, 126.18MC.
OFFUTT AAF 396KC. 126.18MC.
TARKIO 281 116.1MC
SPRINGFIELD 239
ST LOUIS 209 111.1, 116.1MC.
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18MC
SPANISH LAKE 219
SCOTT AAF 263
SCOTT AAF 396 MC
BEARDSTOWN
FLECK'S LAKEVIEW
JACKSONVILLE
CHESTERFIELD
EDWARDSVILLE
WOOD RIVER
HIGHLAND
WINET
GRANITE CITY
ST CHARLES
ST PETERS
KRATZ
WADLOW
SPANISH LAKE
CYRIL LEBERT
GUNDLACH
PARKS METRO
PARKS
SYLVAN BEACH
ELLISVILLE
MERAMEC
WEBB
STARLING
LUCAS
CRYSTAL CITY
VICHY
TO COLUMBIA
TO EFFINGHAM
TO JEFFERSON
TO ADVANCE
EAGLETON
OLIVER RANCH
DUNLAP
JEKAMAH
MISSOURI VALLEY
BLAIR
HARLAN
FT CALHOUN
CLEAR RIDGE
WESTON
VALLEY
COUNCIL BLUFFS
GLENWOOD
RANDOLPH
SHENANDOAH
GRUNDMAN
IOWA
MO
TECUMSEH
AUBURN
TARKIO
HEWS
FALLS CITY
CROSIER
LONGMONT
BOULDER
RUSTON
RUTLEDGE
CREIGHTON
COMBS
E. COLFAX
ENGLEWOOD
AURORA
FRANKTOWN
CALHAN
PINE VALLEY
NICHOLS
ROCKY MTN.
FOUNTAIN
PUEBLO
TO EAGLE
TO LINCOLN
TO DES MOINES
TO KANSAS CITY
NEGUS
JACKSONVILLE
VIRDEN
JERSEYVILLE
NEUBEISER OLF
TO JEFFERSON
TO EFFINGHAM
TO JACKSONVILLE
TO ADVANCE
COMPULSORY REPORTING POINT
NON COMPULSORY REPORTING POINT EXCEPT BY ATC REQUEST
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE HEAVY LINES ON SIDES OF RANGE
10 STATUTE 0 10

CHART 39

ST. LOUIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
ATLANTIC H Fac. (Iowa)	257(IZ)(116.1)		MHTV	(4);116.1,122.1
Atlantic, 4B, CG-OH (Ia.)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80, 91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's (Brookfield, Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwr line SE. Poles E,SE. NW blckd
Bailey's Arpk (Chillicothe, Mo)	2 SSE;RR W	675	32 S6	80 oct. S,SW blckd.
Beaver (Des Moines)	3.4 NW	900	25 S2	80 oct. (Iowa) S
Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE,E,
Bowling Green (Mo)	1.6 NW;RR E	682	25 S2	80 oct. Poles S;pwr line SE.
BRADFORD H Fac. (Int.)	382 (MQ)		MHT	(4) (Ill)
* ★ Bradford Int, 29, KC-CG (Ill)	4.5 NNE;	795	26 L3 S1	80 oct. P-line SW,NE.
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	865	37h S6	80,91 oct. Obsts.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range	326(BN)(vhf)	357,1.9	SBRAZ-DTV	(4); 116.1, 122.1 (Iowa)
(P) Burlington (Iowa)	1.7 SSW	698	54h L5 S6	80, 91, 100 oct. Hwy L.
Butler, (Mo)	1 N;RR,hwy W	870	26 S2	80 oct. Hedge N
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N,W,NW.
Carthage (Ill)	1.5 SSW;RR E	865	24 S6	80 oct. P-line E.
CEDAR RAPIDS H Fac	344(CID)		MHW	(Oper City)
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80,91 oct. RR E
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C A P (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac (Mo)	242(CK)(116.1)		MHTV	(4);116.1,122.1
Chillicothe, 7, KC-CG	3 ESE;RR N, SW	780	25h L3	P-line S;trees SW. 4000' strip avail.
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct. rnwy lgts
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. No sto. Port
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80,91 oct. P-line N,S,
COLUMBIA Range (Mo)	379(CA)(vhf)	80°,3.9	SBRAZ-DTV	(4);116.1,122.1 SW
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S6	80,91 oct. No flood lgts
Columbus Junction (Ia)	3 N;RR E	580	28 S2	80 oct. P-line N,E.
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
Creston Arwys (Iowa)	1.6 NE;RR W			ABANDONED
Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80,91 oct. P-line S,SW W, NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	344,2.1	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4);126.18,122.5,118.3
(NG) [Des Moines] (Iowa)	4.5 SSW;RR W	957	57h L5 S6	80,91 oct.
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct. Apchs blckd except E and N half W boundary.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80,91 oct.
Edwards (Grant City)	1.2 ENE;hwy S	920	23 S2	(Mo.) 80 oct. P-lines S
Fayette Flying Fld. (Mo.)	1.8 E;RR W	730	29 S2	80 oct. Trees W,S.
Fitzgerald (Mendota, Ill)	1.5 NW;lake E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE;rd W	1050	22 S2	80 oct. runver
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data
Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N,NE,S,
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E blocked.
Grand (Grand Mound)	1.2 SW;RR N	770	20 S2	80 oct. (Iowa)
Green (Mexico, Mo)	4.3 ESE;RR S	815	34 L S6	80,91 oct. Port rnwy.
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct. lgts P-line NW
Hannibal (Mo)	4.3 WNW; hwy N	735	26 L S6	80 oct. P-line W,SW. Port rnwy lgts. Rough
Hillsboro (Ill)	1 NE lake .5 E	625	27 S6	80 oct. P-line SE,SW,
Hi Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S6	80 oct. P-line S,E,NW
(P) Hunter (Cedar Rapids, Iowa)	3 S;hwy E	732	27 L3 S6	80,91 oct. Fld lgts prior req. Poles S,E
Huston (Windsor, Mo)	4.3 E;hwy N	932	25 S1	80 oct.
IOWA CITY H Fac (Iowa)	245(IJ)(116.1)		BHTV	(4);116.1,122.1
(P) Iowa City (Iowa)	1.7 SW;riv E	650	43h L1 S6	80,91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80, 91 oct.
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
Warsaw (Mo.)	2.5 W;lk N,E,S	690	26 S4	80 oct. Trees W,S,E
Sharon (Fremont, Ill)	1 SE;RR,hwy N	631	21 S6	80 oct. P-line NE.
Sims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E,W
Sky Haven (Warrensb'g, Mo)	3.7 WNW;hwy S	850	24 S6	80,91 oct. P-lines SE,
Pana (Ill.)	2 E	706	18 S2	80 oct. P-lines N. WSW
Sky Lake (Tuscumbia, Mo)	8 WSW	588	25 S1	80 oct. Trees NNE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3)		AC (ILS	(4); 126.18,118.3, 122.5.
	2.5 NW;riv W,S	744	52h L6 S6	80,91,100 oct. Poles E Dike W. Flood lgts in
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80,91 oct. op
KIRKSVILLE Range (Mo)	391(KR)(116.1)	320°, 0.9	BMRLZ-DTV	(4); 116.1, 122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter. NE.
Kirkpatrick Ile, 12, KC-CG	7 SE;hwy NE	970	39h L3 S6	(Mo.) 80,91 oct. P-lines
LAMBERT Tower (St. Louis, Mo.)	278(126.18, 118.3)		AC(ILS)	(4);126.18,122.5, 118.3
NG [Lambert-St.Louis] (St. Louis, Mo.)	10.8 NW;hwy N, W	552	60h L6 S6	73-100 oct. Rdo rqrd. NNW blkd.
* Lamoni Int, 10, KC-MP	3 WNW;RR NE	1130	37 L3	(Iowa)
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	80 oct. P-line S,W,SW
* Luray Int, 16, KC-CG	1.9 ESE;RR N	727	26 L3	(Mo) Poles N,E,W.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct. N,NE blckd. P-line E, SE.
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	Obst sur fld.
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4);116.1,122.1
* Marshall Int, 7, KC-LS	1.8 S;hwy W	800	39 L3S2	80 oct. Trees E,NE,W
(P) Maryville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80, 91 oct. (Mo)
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
Medbury (Armington)	1 NE	650	26	Data unver. (Ill)
Mel Adkins (Gravois Mills, Mo)	4.2 SSE;hwy W	950	19	Rough
Melbourne, com. (Iowa)	0.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°, 12.0	SBRAZ-DTV	(4);116.1,122.1 (ILS)
MOLINE ARPT Range (Ill)	278	56°, 2.3	ML	3105 (on req.)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct. Poles NW.
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E,W,S.
MONTEZUMA H Fac.				DECOMMISSIONED!
* Montezuma Int, 17, OH-CG (Iowa)	3 E;hwy N	953	32 L3	Poles N,S,W,
Morton (Ill)	3 W;hwy N		33 S2	80 oct. Use NE/SW strip. Data unver.
Mt Ayrport (Mt Ayr, Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N, NE.
Mt. Hawley (Peoria, Ill)	6.4 N;RR SW	700	28 S6	80,91 oct. P-lines SE.
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct. S,SW
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Nashville (Ill)	1 E;lake W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac. (Int.) (Mo)	246(ST)(116.1)		BHTV	(4);116.1,122.1
* New Florence Int, 17, KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	27 S6	80 oct. Poles S
Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S6	80 oct. Tree S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range (Kans)	333 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201(142.74)		CN (GCA)	(3);142.74 (8-18)
(N) Olathe Nas (Kans) (N)	6.3 SW;RR W	1085	53h L5 S6	100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74
(N) Ottumwa NAS (Iowa) (N)	6.4 NNW	841	52h L5 S6	73, 100 oct.
Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80,91 oct. P-line
Pekin (Ill)	4 S;RR E	505	29 S6	80,91 oct. P-lines SE.
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. S,SW,W,NW.
PEORIA Range (Ill)	356 (PI)	178°, 2.2	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	60,91 oct. Fld lgts on req.
→ Phil-Larry (Roanoke, Ill)	See Fash under "New Facilities" - name changed.			
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Excelsior Springs (Mo.)	1.6 W;hwy S	900	10 S2	80 oct. Bldg SW
Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S
Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S
Myers-Hughs (Lucerne, Mo)	0.4 SE;RR W	905	20 S2	80 oct. S blkd. Rough
Montgomery (Kahoka, Mo)	0.4 ENE;RR S	700	19 S2	80 oct. N,S blkd.
Lincoln Fly. Svc. (Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Quincy (Ill)	2.8 SE;hwy E	850	26 S6	80,91 oct. E blckd. P-line SE,S,SW.
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver.
Red Oak (Iowa)	1.5 W;RR E	1044	26 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118.7,122.5
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint NG. Fld lgts prior req.
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld
St. David (Ill)	1.5 SW;RR N			ABANDONED.
ST. JOSEPH Range (Rosecrans) (Mo)	341 (ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST. LOUIS Range (Lambert-St.Louis) (Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3);116.1,122.1
SCOTT Army Range (Belleville)(Ill)	253 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill.)	396 +		CA	(4)
(A) Scott (Belleville, Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct. IP-1.
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S.
(A) Sedalia AAF (Knobnoster, Mo) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Slater (Mo)	0.8 NW;hwy NI	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac (Mo)	219 (L)	60°, 7.8	FMHW	(Cont.) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips.
→ Sterling (Ill)	1.4 NW;hwy E	645	26 S6	80,91 oct. P-line SE.
* Stuart Int, 8, OH-CG (Ia)	3.5 SE;rd E	1159	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 S2	80 oct. P-line N.
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80 oct.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW;RR E	790	26	
Venture (Ottumwa, Ia)	2.8 SSE;RR W	800	13 S6	80 oct. P-line N,W,NE
Versailles (Mo)	1.7 ENE;RR N	1050	30 S4	80 oct. P-lines sur fld.
Virden (Ill.)	1 WSW;RR E,S	640	25 S2	80 oct. P-line N,E,Sch.
VICHY (AAF) Range (Mo)	344(OM)(116.1)	310°, 2.7	BMRLZ-DTV	(4);116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80,90 oct Soft when wet. Poles N, W.
Warrensburg (Mo)	7.3 SSW;hwy E	860	?? S6	80 oct. Use strips only. P-lines SW,NW.
Washington (Iowa)	1.5 SSE;RR NE	759	26 S6	80 oct.
Weise Flying Service (Lone Tree, Iowa)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
KANSAS CITY	109.9	333.8	173°	IM-	MM- (2.6)	OM- (4.65)
					MMK-221	OMK-248 (11.0
LAMBERT	110.3	335	238°	IM-	MM- (0.64	OM- (3.98)
					MMK-201	OMK-
MOLINE	110.3	335	131°	IM-	MM- (0.71)	OM- (4.4)
					MMK-	OMK-
				IM-	MM-	OM-

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blckd.
Newton Fly. Svc. (Iowa)	3 W;hwy S	960	22 S2	80 oct. P-line SE.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees
Stevenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N E.
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N,S,NW.
Hall (Stratton, Nebr)	1 SE;RR,riv N	2850	27	Poles W, NW. Use strips.
Holdrege Mun. (new) (Neb)	2 ENE;RR,hwy S	2310	36 L1	Facs not installed but
Lakeside (Franklin, Neb)	5 N;lake N	2120	13	Soft when wet. Unusable
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use stps.
York (Nebr) Ia.)	1.8 N;hwy W	1662	30	Poles SW,NW. Use stps.
Adamson Arwys (Perry,	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N.
Wylies (Gorin, Mo.)	3 WNW;riv W	940	14 S2	80 oct. Use strips only
Embry (Trenton, Mo.)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E. Trees W
Depperman (Owensville, Mo)	0.7 NNW	900	28 S2	80 oct. Trees W,NW.
St. Cliff (Mo.)	1.4 ENE	750	20 S2	80 oct. E,SSE,W blkd.
Palmyra (Mo.)	0.7 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W.
Ace High (Galt, Mo.)	3 SW;hwy N	937	19 S6	80 oct. Poles SW,N.
Carrollton (Mo.)	4.0 W;hwy W	700	20 S2	80 oct. P-lines NNE.
Eldon Model Arpk (Eldon,	0.9 NE;RR SE		23 S2	80,91 oct. Trees SSW
→ Fash (Roanoke, Ill)	4 W	474	26 S7	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

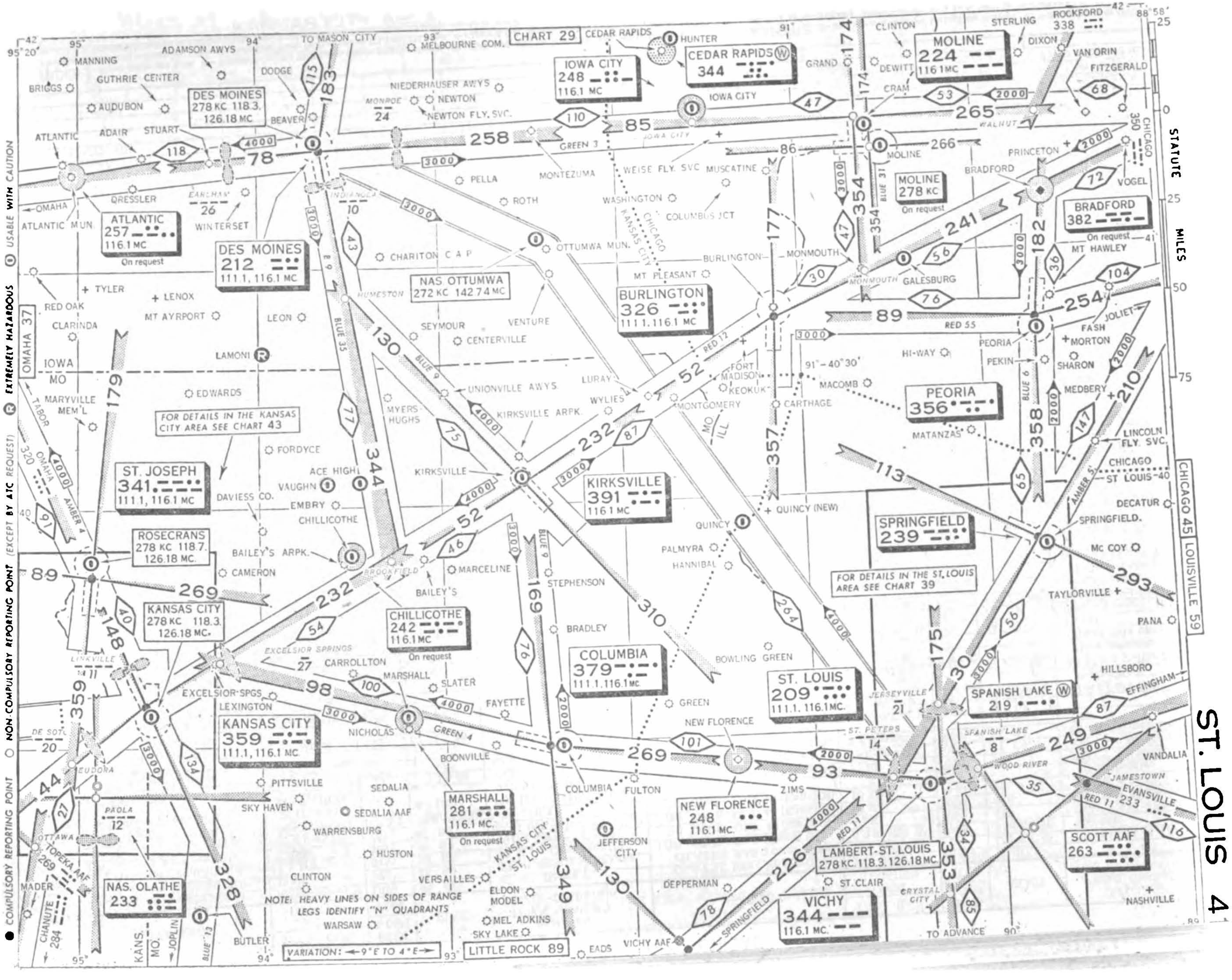


CHART 29
DES MOINES 278 KC 118.3. 126.18 MC
IOWA CITY 248 116.1 MC
CEDAR RAPIDS 344
MOLINE 224 116.1 MC
ATLANTIC 257 116.1 MC On request
DES MOINES 212 111.1, 116.1 MC
NAS OTTUMWA 272 KC 142.74 MC
BURLINGTON 326 111.1, 116.1 MC
MOLINE 278 KC On request
BRADFORD 382 On request
ST. JOSEPH 341 111.1, 116.1 MC
ROSECRANS 278 KC 118.7. 126.18 MC.
KANSAS CITY 278 KC 118.3. 126.18 MC.
CHILLICOTHE 242 116.1 MC On request
KANSAS CITY 359 111.1, 116.1 MC.
MARSHALL 281 116.1 MC. On request
KIRKSVILLE 391 116.1 MC
COLUMBIA 379 111.1, 116.1 MC.
NEW FLORENCE 248 116.1 MC.
PEORIA 356
SPRINGFIELD 239
ST. LOUIS 209 111.1, 116.1 MC.
SPANISH LAKE 219
LAMBERT-ST. LOUIS 278 KC. 118.3. 126.18 MC.
VICHY 344 116.1 MC.
SCOTT AAF 263
NAS. OLATHE 233
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 43
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 39
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 9° E TO 4° E →
LITTLE ROCK 89
CHICAGO 45
LOUISVILLE 59
STATUTE MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
ST. LOUIS 41

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW; hwy N	1030	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW; hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hgts)	1.5 NW; hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE; poles E, W
Cedar Lake Fly. Svc (Cook, Ind.)	0.5 E; hwy W	751	28 S4	80,91 oct. P-line NE, SE, SW.
CHICAGO Range (Ill)	350 (CG) (116.1)	152°, 2.2	SBRAZ-DTXV (3); 116.1	
CHICAGO Tower (Ill)	278 (126.18, 118.7, 118.1)		AC (ILS)	(4); 126.18, 118.7, 118.1, 122.5 (GCA test basis)
(NG) [Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N; hwy SW	707	27 S6	80,91 oct. Poles S, E.
Chicago-Hammond (Lansing, Ill)	1.5 S; RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(A) Chicago-Orchard (Ill)	16 NW; RR W	657	58h L6 S6	2nd ech maint. 100 oct. JP-1.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126.18
← Conard (Ottawa, Kans)	3.8 NNE	946	24 S6	80 oct. P-line N; hedge S
Elgin (Ill)	2.2 N; hwy W	770	24h S1	80,91 oct. [Hwy 1.5 W
FAIRFAX Tower (Kans)	278 (126.18, 118.9)		AC	(4); 126.18, 122.5, 118.9
(A) Fairfax (Kans. City, Kans)	3 NE; RR E	746	65h L5 S4	81,100 oct. (A)
Fisher's (Edwardsv'l, Kans)	1 ESE; RR N	770	26 S6	80,91 oct. P-line N.
Gardner (Kans)	1.4 WSW	1070	39	
← Gault (Wellsville, Kans)	0.8 ESE; RR N	1020	20	Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW; RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE; rd W	791	26	Trees W, S, E.
Hall's (Olathe, Kans)	2.6 SSE; RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW; hwy W	619	26 S6	80 oct. P-line E line N.
HARVEY Range (Rubinkam)	385 (GH)	90°, 2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W; RR N, S	910	18 S1	73 oct. Use strips only.
Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N, SE.
Heart of America (Kans. City, Kans)	4 E; RR E	759	23 S6	80 oct. Poles, trees S. Use strips only.
Hinsdale (Ill)	3 S; hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W; hwy E	600	26 S6	80, 91 oct. [strips only.
Independence (Mo)	5.8 ESE; RR S	825	24 S6	80,91 oct. Poles S. Use
← JOLIET Range (Ill)	257 (JO) (116.1)	126°, 3.7	SBRAZ-DTV	(4); 116.1, 122.1
Joliet, 22, LS-CG (Ill)	5 W; riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400.
Kane Co. (Elgin, Ill)	7 WNW; hwy E	910	21 S4	80 oct. Trees E, SE, NW
KANSAS CITY Range (Mo)	359 (KC) (vhf)	148°, 2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
[Kansas City] (Mo)	2.5 NW; riv W, S	744	52h L6 S6	80,91,100 oct. Poles E. Dike W. No flood lgts.
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S; RR E	1072	55h L5 S6	80,91 oct. No flood lgts. P-line NE, SW.
Lawrence (Kans)	2.5 NNE; hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W, E, SE, NE.
Leavenworth Lecompton	3.6 WSW	1125	26 S1	80 oct. Trees N. P-line NE,
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. (Kans) SW. Twr SE. Obsts sur fld
Mitchell (Lombard, Ill)	2.8 NNW	710	24	Data unver.
Momence (Ill)	3.5 SW; riv N	645	23 S2	80 oct. Trees NW, N, NE
Morris (Ill)	4.5 N; hwy W	590	21 S2	73 oct. Poles N, NNE.
OLATHE Navy Range (Kans)	233 (NUU)	352°, 2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW; RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans) (N)	5 SE	1090	16h	INACT. 4 W of Stanley.
(N) Olathe OLF #4 (Kans) (N)	10 S	1090	22h	INACT. 1.3 SE Spring-
(N) Olathe OLF #7 (Kans) (N)	16 SSW	940	23h	INACT. 4.3 W [hill. of Hillsdale.
(N) Olathe OLF #9 (Kans) (N)	11 SE	1070	23h	INACT. 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE; hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N; pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int, 4, KC-MP (Mo)	1.5 NW; hwy S	1046	32 L3	
← Ottawa (Kans)	5.3 S; hwy W	975	29 L S6	80 oct. Port rnwy lgts. P-line NNE.
Pal-Waukee (Glenview, Ill)	5.5 WNW; RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo cprs. Rnwy data unver.
Prosperi (Tinley Park, Ill)	1.7 SSW; hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW; RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW; riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18, 118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW; hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E; RR E, S	760	18h	P-line N. only.
ST. JOSEPH Range (Rosecrans)	341 (ZJ) (vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3); 126.18 [Closed 2000-0800.
(A) Sherman (Ft. Leavenworth)	1 NNE; RR W	771	60 L5 S4	73,91,100 oct. (Kans) (A)
Sky Harbor (Northbrook, Ill)	1.6 NW; RR E	680	26 L S6	80,91 oct. Flare pots. P-line S.
Sky Haven (Bensenville, Ill)	1.5 SE; RR W, N	650	23 S4	80,91 oct. Use strips.
State Line Arpk (Stanley)	3.8 NE; hwy E	990	22 S1	80 oct. Obst sur fld. (Kans)
Stinson (La Grange, Ill)	2 SE; hwy SE	644	25 S6	80,91 oct. P-line S, W
(P) Washington Park (Homewood, Ill)	1.5 SE; hwy E	625	30 S6	80,91 oct. Allway area
Will Co. (Steger, Ill)	0.5 S; RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; p-
York Township (Lombard, Ill)	2 SSW; hwy N	726	20 S6	80 oct. Use [line W strips. P-line N, E.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- (0.79)	OM- (5.8)
					MMK- 201	OMK- 219
KANSAS CITY	109.9	333.8	173°	IM-	MM- (2.6)	OM- (4.65)
					MMK- 221	OMK- 248 (11.0

NEW FACILITIES

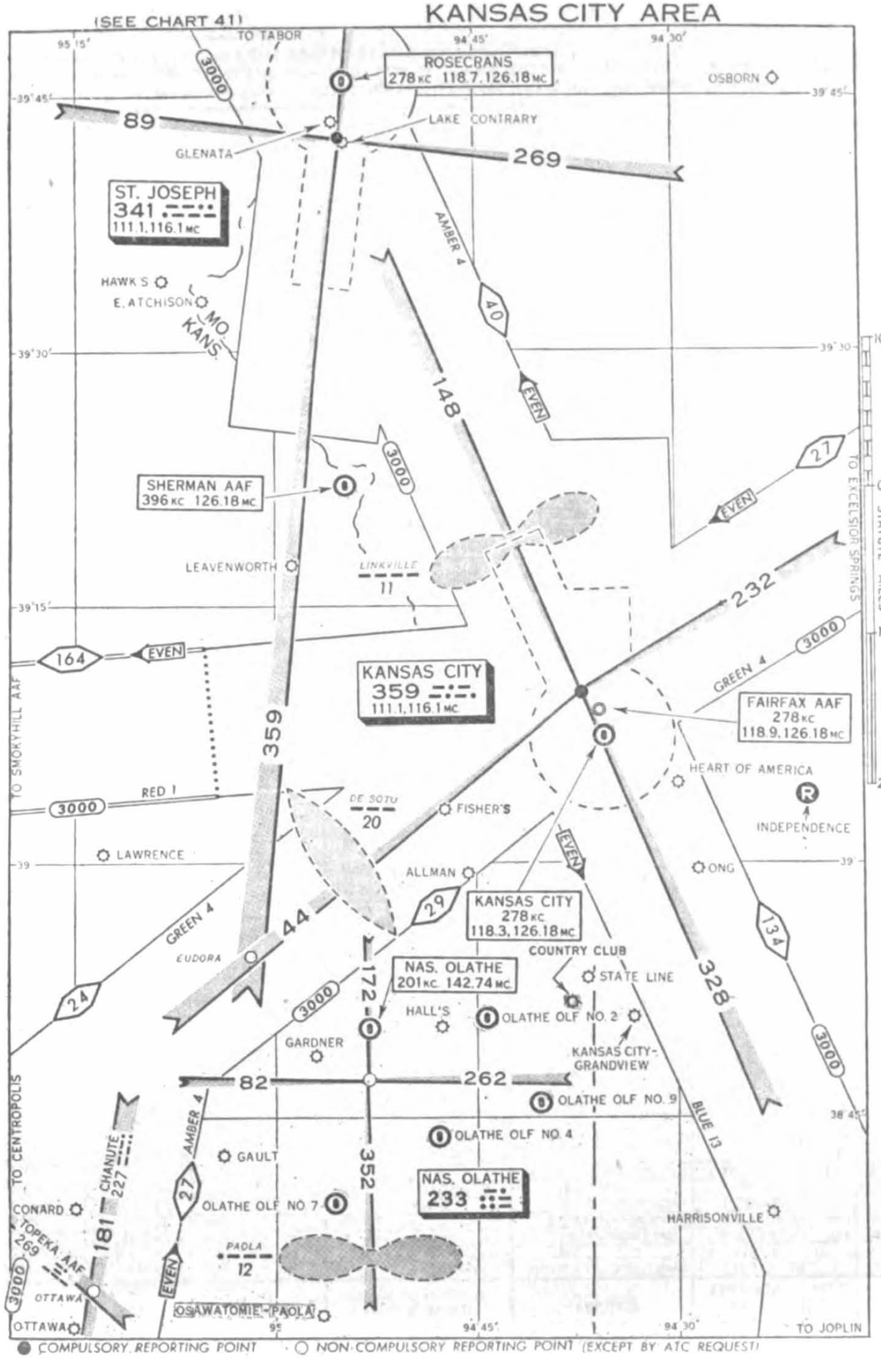
Triangle (Dyer, Ind.)	1.5 NE; RR E	630	33 S4	80,91 oct.
Lakeside (Gary, Ind.)	7.5 W		35 S4	73,80 oct. Data unver.
East Atchison (Rushville)	4.5 SW; riv W	790	24 S2	80 oct. N, NNW blkd. Use strips only. (Mo)
Glenota (St. Joseph, Mo)	6 WSW; riv N	800	26 S2	80 oct. N, E, W blkd. Use strips only.
Lake Contrary (St. Joseph)	6 SW; riv 2 N	800	21 S6	80 oct. Use strips only.
Lake Village (Ind.)	1 NW; hwy S	650	22 S4	80 oct.
Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E, NE.
Stanley Co. Club (Kans)	2.5 NE; RR SE	975	28 S1	80 oct. Poles SE, SW.
Skyway (Gary, Ind.)	4 WSW; RR W	630	19 S2	80 oct. Wires SE, SW, NW.
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 157.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Name] - Airline Stop. N.R. Radio facilities are all CAPITALIZED. Airports are indented and not capitalized.

KANSAS CITY AREA

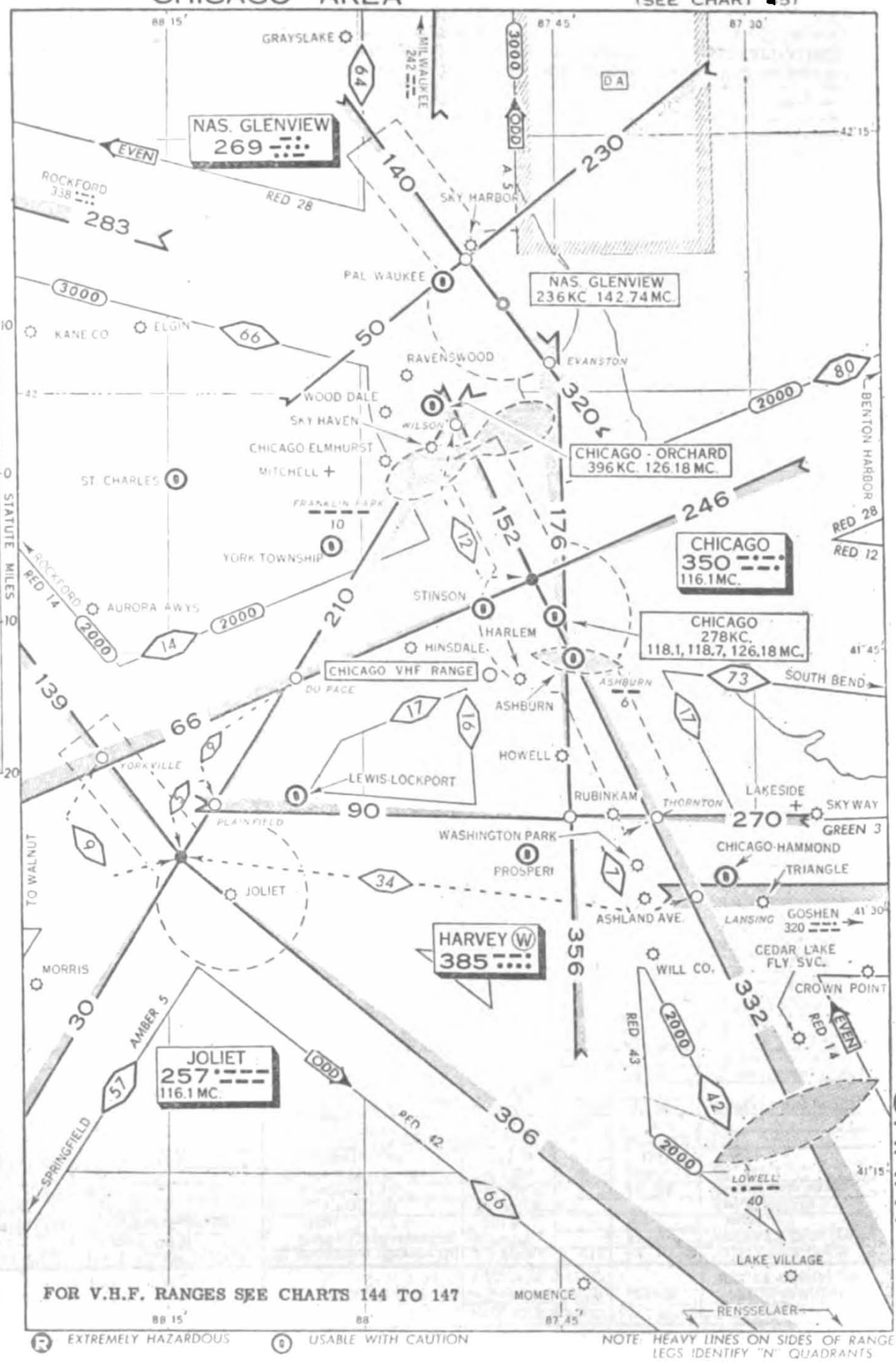
(SEE CHART 41)



● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

CHICAGO AREA

(SEE CHART 45)



FOR V.H.F. RANGES SEE CHARTS 144 TO 147

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 43

CHICAGO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➝ Albertus (Freeport,Ill)	3.8 SE;RR S	740	32 S6	73,80 oct.Smudge pots emerg
Aretz (Lafayette,Ind)	4 NE	500	35 S6	80 oct.Data unver.
Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct. P-line W.
Bellevue (Iowa)	3 N;RR W	652	19 S1	80 oct.
BENDIX Tower (Ind)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](South Bend, Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts.
BRADFORD H Fac.(Ill)	382 (MQ)		MHT	(4)
* Bradford Int,29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct.P-line SW,NE.
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct.
Champaign (Ill)	2 NNW;hwy SW	753	28 S6	73,80 oct. W,NW,S blocked.
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3); 126.18
CHANUTE Tower (Ill)	396(126.18)+		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE;RR W	738	63h L5 S6	73,91,100oct.JP-1, Pole N
Cheever (Demotte,Ind)	3 W		29 S1	80 oct, Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3); 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS)	(4); 126.18,118.7,118.1, 122.5 (GCA test basis)
[Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
City (So.Haven,Mich)	4 S;RR W	640	35 S2	80 oct. Trees sur fld.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct.Data unver.(Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct.No sto.Port rnwy lgts [SE,SW,NW.
Cooper (Tuscola,Ill)	1.6 SW;RR E	650	24 S6	73,80 oct.P-line N,NE.
Cork (Marshfield,Ind)	2 NW	640	24 S2	80 oct.P-line N.
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct.
Crown Point (Ind)	2 N	650	27 S6	80 oct.No sto.Poles E, NE
Culver (Ind)	2 E;lake W	815	26	
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct.N blkd.P-line N,NE.Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct.P-line S,SW, W, NW.
(P) Decatur Park (Ill)	4 E;RR,hwy S	679	53h L5 S6	80,91 oct.No flood lgts
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct Appchs blkd except E, NW.
Fitzgerald (Mendota)	1.5 NW;lake E	800	22 S6	80 oct. Trees E. (Ill)
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct.Fld lgts prior req. E blkd.
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct.P-line E,NE
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E,SE, S, W, SW.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3); 140.58,142.74
GLENVIEW Nas Tower (Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW;RR W, E	654	63h L3 S6	91,100 oct.No sto.
Gordon (New Carlisle)	2.8 ESE;RR N	730	13 S1	Fuel avail.Poles E.(Ind)
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct.P-line N. req. E blocked.
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Fiatt, Ill)	1 NE	630	25 S4	Data unver.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
➝ Illini (Urbana, Ill)	2 NNE;hwy E	740	26 S6	80 oct.Flares on req. E,SE blkd.Trees E,SE, NE.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7, (Exper. GCA)
(P) Indianapolis (Ind)	8 SW;hwy N	796	53h(L6) S6	73-100 oct.Exper lgts
Interstate (De Kalb,Ill)	1.8 E;RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW; hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4);116.1,122.1
Joliet, 22, LS-CG (Ill)	5 W;riv W	586	30h L4 S4	80,91 oct.Flood lgts prior req after 2400.
Kankakee (Ill)	3.2 WSW; hwy E	625	26 S4	73,80 oct.Use strips only.Ditch N.
Ind.) Kentland (Goodland,	4 WNW	650	25 S4	80 oct.P-line NE.
Kingman Fly Svc.(Ind)	0.5 E;hwy N	710	26 S4	80 oct.No sto.Data unver.
➝ Kishwaukee (Sycamore, Ill)	2.5 SW;riv N, S, E	830	20 S6	80 oct.P-lines N, NW.
LAFAYETTE Range (Purdue Univ.) (Ind	227 (LF) (116.1)	50°, 2.4	BMLZ-DTV	(4); 116.1
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct.S&SW blkd.
Lockwood (Frankfort, Ind)	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd.
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct.P-line S.
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto. Appchs blocked, except SW. Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
➝ Machesney,7.CG-Twin Cities (Rockford,Ill)	6 NNE;riv NW	732	29 L3 S6	80,91 oct.E blkd.P-lines SE,S.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct.N,NE blkd. P-line E,SE.
Matanzas (Havana,Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Medbery (Armington)	1 NE	650	26	Data unver. (Ill)
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142°, 12.0	SBRAZ-DTV	(4); 116.1,122.1(ILS)
MOLINE ARPT Range (Ill)	278	86°, 2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct.100 oct.for Army. Poles NW.
Monticello (Chalmers. Ind)	3 ENE;RR W	650	19 S2	80 oct. Hwy W.
Morton (Groveland)	0.5 NNE;hwy N	792	24 S2	80 oct.P-line N,W.(Ill)
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct.P-lines SE,S.
➝ Ockley (Ind)	1 W			ABANDONED. SW
Ottawa (Ill)	Adj NW		22 S2	80,91 oct. Data unver.
Paul S. Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S4	80,91 oct. P-line NE, SW.
Pecatonica (Ill)	1 N;hwy E	750	24 S6	73 oct. P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct.P-line W,N,E.
PEORIA Range (Ill)	356 (PI)	178°, 2.2	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct.Fld lgts on req
➝ Phil-Larry (Roanoke, Ill)	See Fash under "New Facilities"			- name changed.
(P) Plymouth (Ind)	1.5 NW;RR E	898	32 S4	80,91 oct.Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct.Trees E,NE,WSW
➝ Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE			ABANDONED.
Princeton (Ill)	3 N;creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette, Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4); 116.1

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Rubinkam (Harvey,Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct.Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE.Data part. unver.
➝ St. David (Ill)	1.5 SW;RR N			ABANDONED.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct. Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3); 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW; bet RRs	606	31 S6	80,91 oct.Use strips.
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto. P-line S. Data unver.
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct.P-lines sur fld No sto.
➝ Sterling (Ill)	1.4 NW; hwy E	645	26 S6	80,91 oct.P-line SE.
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct. Data unver.
Streator Air Svc.(Ill)	2 ENE;hwy S	650	26 S4	80 oct. P-line E.
Triangle (Dyer,Ind)	1.5 NE;RR E	630	23 S4	80,91 oct.P-line S,SE. Bldg W.
Triangle Air Service (Wellsboro, Ind)	2 NNE; hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE; RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW; RR E	752	53h S6	80,91 oct. Flares on req.
Urschell (Valparaiso, Ind)	1.7 NNE; hwy E	766	26 S2	80 oct. P-line N.
* Van Orin Int, 34, OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vermillion (Danville, Ill)	4 E;RR N, SW	650	21 S4	80 oct.30' poles S.
Vogel (La Salle, Ill)	6.5 NNW; RR E	664	26 S2	80,90 oct.Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

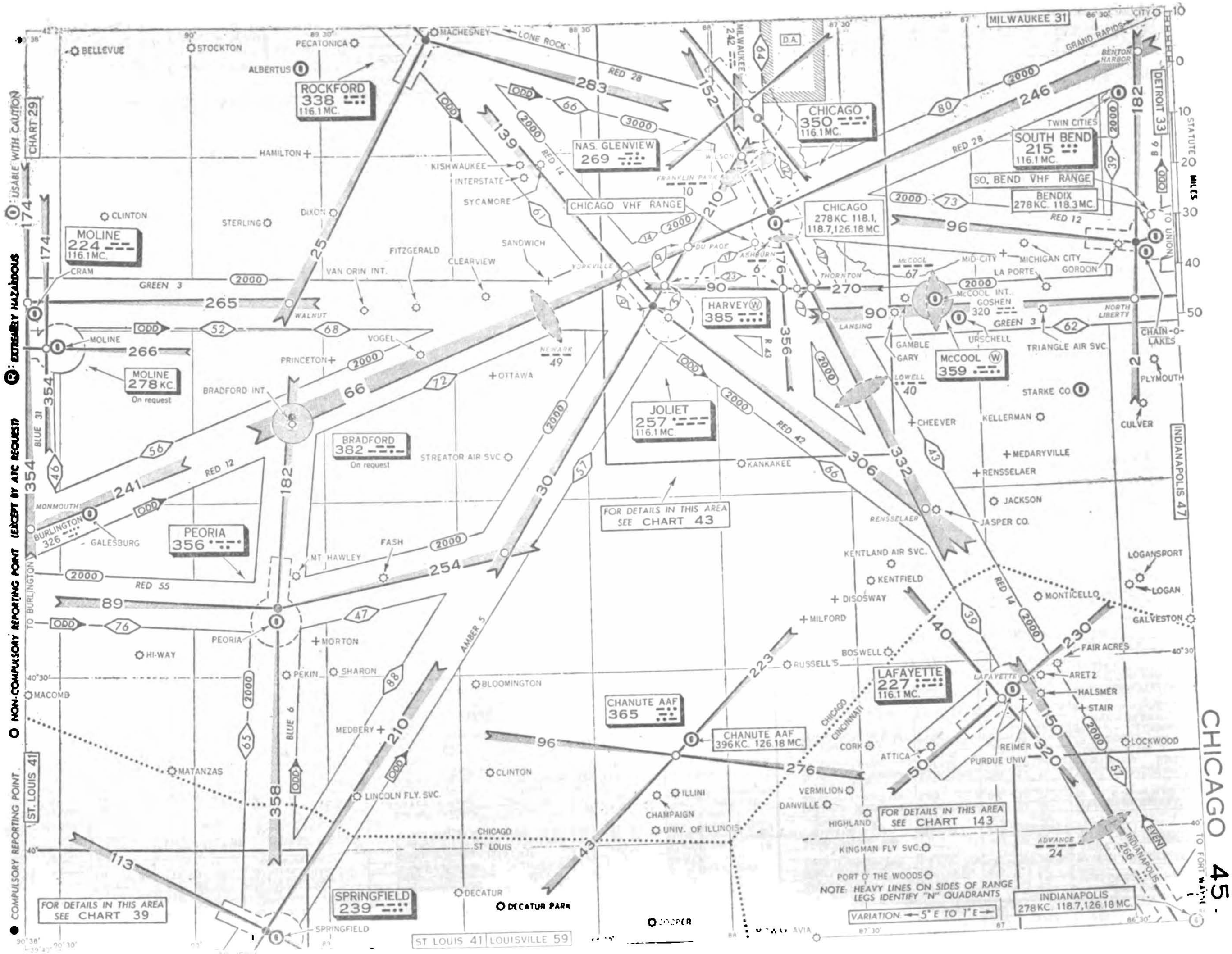
LOCATION	LC/LER.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
CHICAGO	109.9	333.8	132°	MM- ·-·-· (0.79) OM- ——(5.8)
				MMK- 201 ··· OMK-219 ·—··
MOLINE	110.3	335	131°	MM- ·—·—(0.71) OM- ——(4.4)
				MMK- OMK
				MM- OM-
				MMK- OMK
				MM- OM-
				MMK- OMK

NEW FACILITIES

Milford (Ill)	0.5 N; RR E	670	29 S5	80,91 oct.Tank ESE.
Kentfield (Kentland,Ind)	2.4 SSE;RR W	720	22 S4	80 oct.Poles N,NE,SW,W
Starke Co. (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct.P-lines NE,SE,SW,NW
Mid-City(Mich.City,Ind)	3S	650	26 S4	80 oct.Wires N,S.Data unver.
Stewart Fld.(Danville,Ind)	1.5 E	750	25 S1	80 oct.Wires N,S.Data unver
Elnora (Ind.)	.25 SE		18 S1	80 oct.P-lines N.Data unver.
Boswell (Ind.)	1.3 ENE;hwy W	740	19 S1	80 oct.P-line SW,W,NW.
Fair Acres(Buck Creek,Ind)	0.3 ESE;RR N	595	24 S2	80 oct.P-line NE,SE,NW.
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct.Trees NE.Wires SE,NW
Kellerman Fld(N.Judson,Ind)	1.5 S;hwy E	650	17 S1	80 oct.Wires SE.Trees N.
Sharon(Treemont, Ill)	1 SE;RR,hwy N	631	21 S6	80 oct.P-line NE.
Lincoln Fly.Svc.(Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N.
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.
Sycamore (Ill.)	1.4 ESE;riv W	800	25 S6	80 oct.Poles N,SE,NW.
➝ Midway (Horace,Ill)	1 E;hwy E	650	26 S6	80 oct.P-line N,E.
Galveston (Ind)	3.2 WNW	795	37	
Fash (Roanoke,Ill)	4 W	747	26 S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
▶ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII).
➝ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.



FOR V.H.F. RANGES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD H Fac.(Ohio)	371 (YV)		MHW	(Cont.) (Mich)
* Archbold Int,18,CG-LG	3.5 NNW;RR N	716	28 L3	(Ohio)
Attica (Ind)	2 S;hwy W	647	26 S1	80 oct.Data unver.
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct.P-lines E,W Soft when wet.
BAER Tower (Ft.Wayne)	278		C	(4)
(A) [Baer](Ft.Wayne,Ind)	7.5 SSW; RR E	798	63h L5 S4	91 oct.100 oct.Army Fld lgts prior req.
BENDIX Tower (So.Bend)	278 (118.3)		C	(4); 118.3,122.5
[Bendix](So.Bend,Ind)	3.5 NW;hwy S	778	48h L3 S6	80-100 oct.P-line E,S
Black Hawk (Sheridan)	5.3 N;hwy E	925	17 S2	80 oct. (Ind) NE,ESE
Bluffton-Wells Co.	2,8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line
(P) Bricker (Bowling Green)	1 NE;RR W	675	30 S6	(Ohio)80,91 oct.P-line NE
Bringham(Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW;E,S,SW
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW;riv E	705	31 S2	73,80 oct.P-line S,E.
(N) Bunker Hill NAS (N)	1.8 W;hwy E	798	50h	INACTIVE. (Ind)
Cadet (So.Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct.SE,E,SW,S blkd.
Cass Co.Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct.P-lines E.NE S blocked.
Cedar Lawn (Kenton)	2.3 S;RR E	975	18 S2	80 oct.Poles E.(Ohio)
Chain-O-Lakes (So Bend)	5.2 W ;lk SW	765	21 S6	80 oct.P-line N,NW.(Ind)
Cheever(Demotte,Ind)	3 W		29 S1	80 oct.Data unver.
CLINTON CO.AAF Range	114.3 (DWO)		VARW	(8-1630 Mon.-Fri)
CLINTON CO. Army H Fac. (Ohio)	201	220° 0.2	MHW	(8-1630,Mon.-Fri.or on 30 min.notice)
CLINTON CO.Tower (O) (Wilmington, Ohio)	272(126.18, 137.88)		CA(ILS-W) (GCA)	(3);126.18,137.7,116.1
(A) Clinton Co AAF (Wilmington, Ohio) (A)	2SE;hwy NE	1062	60h L5 S1	73,91,100 oct.IP-1. Rnwy lgts 1 hr's notice
* Coldwater Int,4,DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0.3 NE;RR S		21 S2	80 oct.Data unver.
Cork[Marshfield,Ind)	2 NW	640	24 S2	80 oct.P-line N.
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct.P-line S,SW Stacks NW
Crabill (Sprl ngfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct.P-line S.
Culver (Ind)	2 E;lk SW	815	23	Use strips only
Dahid (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct.
DAYTON Range (Ohio)	245 (DY) (116.1)	90° 3.2	SBMLZ-DTV	(3); 116.1
DAYTON Tower (Ohio)	278 (126.18, 118.9)		AC (ILS)	(4):122.5,126.18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	80,91,100 oct.
Dr.Haines (Three Rivers, Mich)	See Haines under "New Facilities" - name changed.			Poles N (Ind)
E.Richmond (Richmond)	3.7 ESE;RR E	1090	20 L S6	80 oct.Flares on req.
Elkhart (Ind)	2.7 NNW;	752	30 S6	hwy LE 80,91 oct. Trees N,NE,SE,NW.
Elwood (Ind)	2 S;hwy NW	861	23 S6	80 oct.P-line S.
FINDLAY H Fac.(Ohio)	209 (IF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L4 S4	80 oct. Obst sur fld.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51° 3.3	BMRLZ-DTV	(4);116.1,122.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S4	80 oct.Poles sur fld.RR S
Gamble (Hobart,Ind)	1.8 NNW: hwy S	650	25 S6	80.91 oct.P-line NE,E
Gary (Ind)	6 S;hwy W	610	23 S6	80,91 oct.P-line E SE S.
Gordon (New Carlisle, Ind)	2.8 ESE: RR N	730	13 S1	Fuel avail. SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116.1)	90° 2.7	SBRAZ-DTV	(4);116.1,122.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct.P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct. Riv S.
Grimes (Urbana,Ohio)	1.5 N;RR W	1055	35 L4 S6	80,91 oct.Fld lgts prior
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct.Port lgts on req.P-line SW. req.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct.
Hightman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct. Trees W,E.
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct.Poles NE.
Hi-Way(Decatur,Ind.)	1.5 SW		25 S1	
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct.No sto.Fld lgts prior req.
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct.P-line W,NW.
INDIANAPOLIS Range (Ind)	266(ID)(vhf))	75° 3.3	SBRAZ-DTV	(3);116.1,122.1

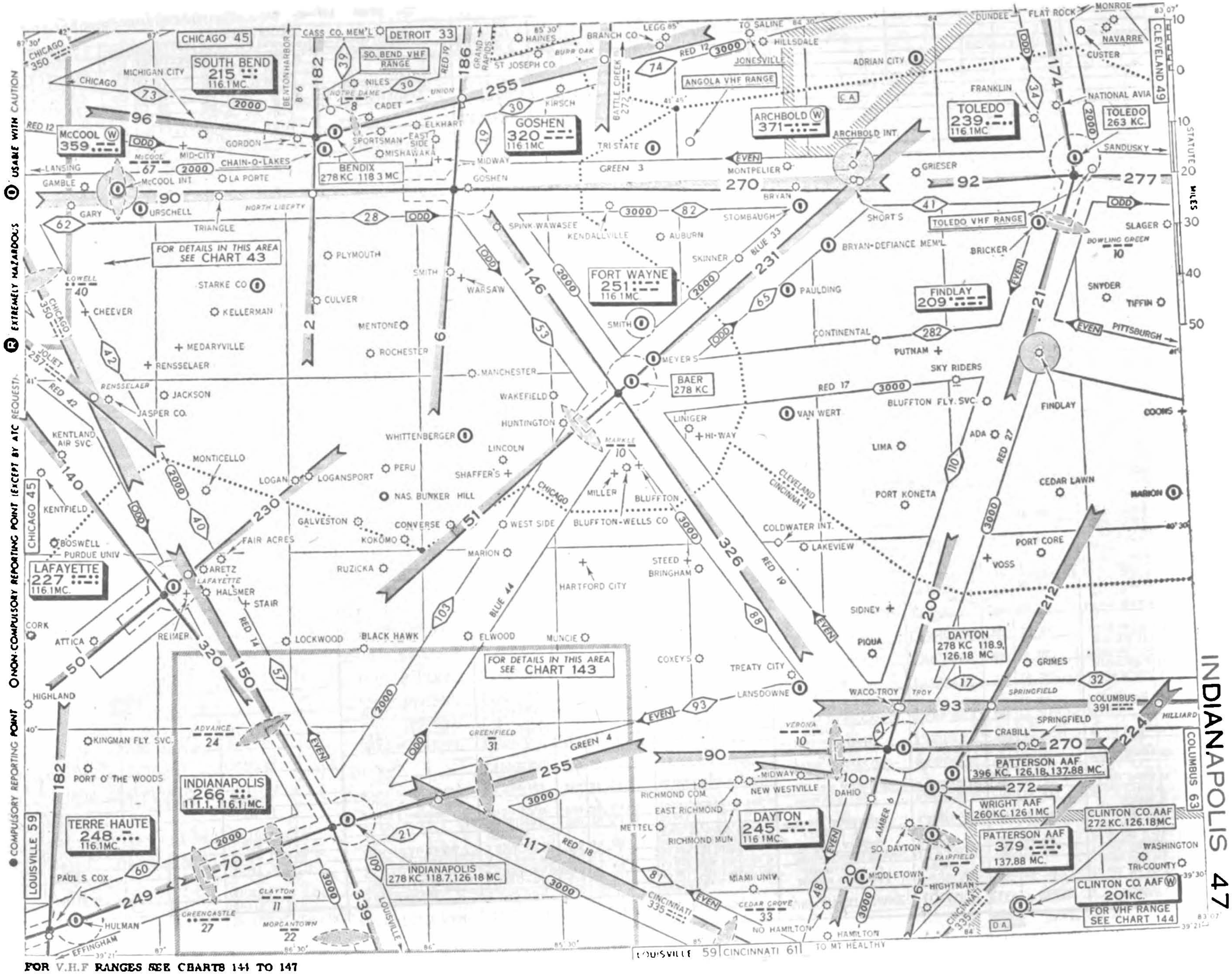
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
INDIANAPOLIS Tower	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7 (Exper. GCA)
(P) [Indianapolis](Ind)	8 SW; hwy E	796	53h (L6) S6	80-100 oct Exper lgtg.
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S. (Ind)
Kendallville (Ind)	2.2 N;hwy W	996	25 S4	80 oct.No sto.P-line SW.
Kentland(Goodland,Ind.)	4 WNW	650	25 S4	80 oct.P-line NE. S.
Kingman Fly.Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,E.
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct.Poles S,E.Use strips only.
Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S2	80 oct.P-line N.Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116.1)	50°, 2.4	BMRL-DTV	(4); 116.1 prior req.
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct.Pole N.(Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct.Bldgs,hi-line N. Data unver.
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct.S&SW blkd.RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct. Trees E.
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct.P-line N.RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct.E,SE blkd. NE.
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct.P-line S. (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct.No sto.Appchs blkd except S,SW.Port lgts prior req.
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct. Poles S.
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct.P-line NE,E Port lgts on req.
Marion (Ohio)	2.5 WNW	915	28 S2	80 oct. RR S.
McCOOL H Fac. (Ind)	359 (ML)		MHW	Oper. cont.
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
Meyers (Ft.Wayne,Ind)	3 SSE;rd S,E	800	24 S6	80,91 oct.Pwr line NE.
(P) Miami Univ.(Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Mid City(Mich.City,Ind)	3 S	650	26 S4	80 oct Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct.P-line S,W.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E,SW.
Midway (Goshen,Ind)	5 NW		36	Data unver.
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct.Trees W.(Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct.Hwy W. (Ind)
Monroe (Newport,Mich)	3.5 SSE;lk SE	590	29 S4	80 oct.Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct.Lgts on req.
National Avia.(Toledo, Ohio)	4.1 NNE:	595	38 S6	80,91 oct.P-line NE,E S,SW,W.
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct.Poles E,NW,SE.
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct.P-line NE,N
No.Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto.Poles S. blkd.
Ockley (Ind)	1 W			ABANDONED.
PATTERSON Army Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32° Z.96	SBMRAZ-DTV	(4):137.88
PATTERSON Tower	396(126.18, 137.88) +		CA(ILS-W) (GCA):53,13	(4);126.18,137.88
(A) Patterson (Fairfield)(A)	1.6 WSW	819	78h L6 S4	73,100 oct IP-1.(Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S6	80,91 oct.P-line NE,SW
Paulding (Ohio)	1.8 NE;RR 2 W	720	25 S4	80 oct.S blkd.
Peru (Ind)	3.5 WSW	650	24 S6	80 oct.S,SW blkd.Riv E
Piqua (Ohio)	4 WNW;RR S	1000	19 S2	80 oct.Poles S,SE,SW.
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct.N,SE appch
Port Core (Rushsylvania, Ohio)	1.6 SSW: RR NW	1275	14	Poles NNE clear.
Port Koneta (Wapakoneta, Ohio)	2,1 NNE;RR E	900	24 S6	80 oct.SW,W,NW.blkd.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	580	33 S4	80 oct.Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct.No sto.P-line N, stack NE.
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver.
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct.P-line N,E.
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct.No flood lgts.
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct.Poles SE,NW,N.
Ruzicka (Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80,91 oct.Pole E.NE blkd.
St.Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd.(Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct.Data unver.(Ind)
NEW FACILITIES				
Galveston (Ind)	3.2 WNW	795	37	
Putnam (Ottawa,Ohio)	1 ENE			

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Sidney (Ohio)	1 W;RR S		25 S2	80 oct. Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld.RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	24 S6	80 oct.
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct.Lgts N,E,SE. prior req.
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct.P-line NE,SSW.
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3);116.1,122.1
So.Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct.No sto.Hills S.
Spink-Wawasee (Syracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE,S, SW.
Sportsman (Mishawaka)	3.7 NE;riv S	760	14 S4	80 oct.Appchs blkd exc. N,NW.
Springfield (Ohio)	4.2 ESE: RR N	1050	27 L4	80 oct.No sto. (Ind.) Lgts prior req.
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct.No sto.P-line S.
Starke Co.(Knox,Ind)	1.7 S	714	26 S3	80 oct.P- Data unv. lines sur fld.No sto.
Steed (Portland,Ind)	1.5 NW;hwy E	1000	24 S4	80 oct.P-line N,NE.
Stombaugh(Bryan,Ohio)	0.5 S		24 S4	80 oct.No sto.Fence E; wire W.Data unver.
TERRE HAUTE Range (Hulman)(Ind)	248 (TH) (116.1)	69° 5.8	BMRLZ-DTV	(4): 116.1
Tiffin (Ohio)	1.9 N;RR W	750	26 S4	80 oct.Poles E.
TOLEDO Range (Ohio)	239 (TL) (116.1)	10° 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) Toledo (Ohio)	8.2 SSE;RR W	623	42h L5 S6	80,91 oct.P-line SW,E.
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct. (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct.P-line SE,S,SW
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct.P-line N.(Ind)
Waco-Troy(Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct.No sto.All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct.Poles blkd. N,S,NW,NE.
Voss(Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S.Data unv.
Wakefield(Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW.(Ind)
Washington(Wash.C.H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S.(Ohio)
West Side (Marion,Ind)	2.5 NW;hwy S	835	26 S6	80, 91 oct.
Whittenberger(Wabash)	1.5 NNW	770	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126.1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio) (A)	5 ENE;RR	800	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM- OM- MMK- OMK
DAYTON	110.3	335	60°	IM-	MM- (0.66) OM- (4.4) MMK- OMK
INDIANAPOLIS(L6)	109.9	333.8	44°	IM-	MM- (0.89) OM- (4.3) MMK-201 OMK-219
PATTERSON (A)	108.7	333.8	210°	IM- (0.09)	MM- (1.12) OM- (4.5) MMK- OMK

NEW FACILITIES				
Mishawaka(Ind)	2 SE	700	35 S4	80,91 oct.NNE/SSW.
East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct. NNW/SSE blkd.
Kentfield (Kentland,Ind)	2.4 SSE;RR W	720	22 S4	80 oct.Poles N,NE,SW,W.
Starke Co.(Knox,Ind)	0.9 S;hwy E	714	29 S6	80 oct.P-lines SW,NW,NE,
Custer (Monroe,Ind)	2.5 WNW	612	40 L1 S2	80 oct.Trees N,W,S. SE.
Branch Co.(Coldwater,Mich)	2.7 WSW;RR S	990	31 S4	80oct.Hi-lines sur fld. Data
Miller(Liberty Ctr,Ind)	1 NE	800	21 S4	80 oct.Data unver. unver
Warsaw (Ind)	3 NNE		30 S1	80oct.Wires S,N,NE Data
Stewart(Danville,Ind)	1.5 E	750	25 S2	80oct.Wires N,S,1 unver.
Skyway(Tolleston,Ind)	4.5 N Griffith	630	18 S1	80oct.Trees NE;wires SE,
Boswell (Ind)	1.3 ENE;hwy W	740	19 S1	80 oct.P-line SW,NW.Data unv
Fair Acres(Buck Crk,Ind)	0.3 ESE;RR N	595	24 S2	80oct.P-line NE,W,NW.
Elnora (Ind)	0.4 SE		18 S1	80oct.P-lines N,SE,NW.
Ada (Ohio)	1.5 NNW;hwy E	945	22 S4	80 oct. Data unver.
Bluffton Fly.Svc. (Ohio)	1.3 ESE;hwy N	845	20 S4	80 oct. W blkd.
Liniger(Preble,Ind)	0.8 ESE;hwy N	750	24 S3	80 oct.P-line NE,SW,W.
Hartford City (Ind)	1.5 W	910	18 S1	Wires N.Data unver.
Kellerman (N. Judson,Ind)	1.5 S;hwy E	650	17 S2	80 oct,Wires SE.
Snyder (Fostoria,Ohio)	1.5 ENE;RR S	762	26 S4	80,91 oct.W blkd.
Mentone (Ind.)	2 SW	800	22 S4	80 oct.P-line S.
Lincoln Fld. (Dora,Ind.)	3 SSW;hwy S	830	21 S1	80 oct.P-line E.
Short's (Archbold,Ohio)	1.2 WNW;RR SE	728	20 S2	80 oct.S blkd.
Bryan (Ohio)	2.8 N;RR SE	810	38 S1	80 oct.S,SW blkd.P-line W.
Continental (Ohio)	2 S;RR NW	726	35 S1	80 oct.N,E,W blkd.
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.
Haines (Three Rivers,	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd.(Mich)
Jonesville (Mich.)	2.5 WSW: lakes S	1070	22 S2	80 oct.Trees SE,P-line NE,
Sky Riders Inc (Pandora)	0.7 W;RR S	770	22 S2	80 oct.P-line SE,NW.(Ohio)
Montpelier (W.Jefferson,	0.8 NW;RR N	890	24 S2	80 oct.P-line N,NE,W.(Ohio)
Navarre (Woodland Beach, Mich)	2 WSW;RR W	580	30 S6	80,91 oct.P-line NE,SE,S.



FOR V.H.F RANGES SEE CHARTS 141 TO 147

RADIO

MICHIGAN

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS.GUARDED,HRS OF OPER., REMARKS
BISHOP (Flint)	278	C	(4);118.3,122.5
DETROIT CITY (Detroit)	278(118.5)	C	(4);122.5
DETROIT NAS	269(142.74)	CN	(3);142.74 (8-17)
DETROIT	338 (D)	MHW;329°,2.2	(Cont.) Detroit
FLINT	335(FN)(116.1)	MHTV	(3);116.1
ROMULUS	230(DT)(116.1)	SBRAZ-DTV;86°, 2.8	(3); 116.1
SAGINAW	212 (SI)	MHT	(4) (cont.)
SALINE FM	(- - -)	FM, 261°, 20	Romulus
SELFRIDGE (Mt. Clemens)(Army)	388 (DLD)	SBMRAZ;119°,2.0	(3); 126.18
Selfridge Field	396 (126.18, 137.88) +	CA(ILS-W)	(3);137.88
WIXOM FM	341 (DYP)	FM;344°,20	Romulus
WILLOW RUN (Ypsilanti)	332(118.7)	C(ILS-W)	(4);118.7

OHIO

AKRON	362(AX)(116.1)	BMRLZ-DTV	(3); 116.1
Akron Airport	272(118.9)	C; 45°, 0.4	(4);122.5,118.9
AKRON LFM	(-)	LFM, 45°, 4.5	Akron
AVON LAKE LFM	(- - - -)	LFM, 325°, 8.1	Cleveland
BOWLING GREEN FM	(- - -)	FM, 201°, 10.3	Toledo
BRECKSVILLE FM	(-)	FM, 100°, 13	Cleveland
CLEVELAND	344(CV)(116.1)	SBRAZ-DTXV; 100°, 0.7	(4);116.1
ELYRIA FM	(- - -)	FM, 290°, 10.9	Cleveland
FINDLAY	209 (IF)	BMHT	(4) (cont.)
HAYESVILLE (Int.)	329 (HA)	BMHT	(4) (cont.)
HOMERVILLE FM			DECOMMISSIONED
NORTH ROYALTON LFM	(- -)	LFM,145°, 10.8	Cleveland
PERRY (Int.)	332(PE)(116.1)	MHTV	(4); 116.1
TOLEDO	239(TL)(116.1)	SBMRAZ-DTV	(3); 116.1
Toledo Airport	263	C; 10°, 2.7	(4)
VERMILION FM	(. . - - -)	FM; 280°, 26	Cleveland

CANADA

WINDSOR, ONT.	353(QG)	SBRAZ-T;243°,3.3	(4)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- (0.23)	MM- ..... (0.83)	OM- -- (4.31)
					MMK-	OMK-
WILLOW RUN			50°	IM-	MM-	OM-
					MMK 341 - (0.65)	OMK 355 - - (5.80)
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul Range and Voice. W-Without Voice. Z-VHF Range Station. Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

MICHIGAN

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Allen's (Pontiac)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW, blkd.
Ann Arbor	4 S	835	28 L3 S6	80 oct. NF blkd. SW
Baker's (Port Huron)	3 NNW;RR NNE	585	27 S6	80 oct. Poles N,S,NE.
Berz(Birmingham)	1.5 E;RR SW	700	32 S2	90,91 oct. N blkd.
Big Beaver	0.8 E;hwy W	650	21 S6	80 oct. Pwr line N.
(P) BISHOP (Flint)	4 SSW;RR NW	781	50h R2 L5 S5	80,91 oct. P-line N
Burns (Detroit)	8.5 WSW;RR N	625	15 S6	80 oct. SW blkd.
Caro	3 WSW;RR SE	741	22 S2	80 oct. S,SE blocked.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct. Pole line N.
Croswell City	1 W;RR,riv E	732	26 S1	80 oct. S blocked.
Dalton (Flushing)	2.2 E;riv SW	735	26 S4	80 oct N,S, blkd.
(N) Detroit NAS (N)	17 SSW	594	47h R1 L5 S6	91,100 oct. P-line E.
DETROIT CITY	5.5 NE;RR S	625	53h R1 L4 S6	80,91 oct. Fee, com acft ARPT OF ENTRY.
Ford (Detroit)	8.8 SW;RR N	600	37h	PRIVATE.
Forrest (Fostoria)	3.4 S;riv SE	830	24 S1	80 oct. Poleline sur fld.
Gridley(Ypsilanti)	4.4 WSW;RR NW	840	24 S5	80 oct. Pole E;woods N.
Hance (Wyandotte)	2.5 W;hwy N,E	590	28 S6	80 oct. N blckd.
Hartsell Air Term. (Wayne)	3.5 NW;RR E	675	18 S6	80 oct. P-line E, trees ENE, W, WSW, WNW
Howell	0.8 N;lake E	930	20 L1 S1	80 oct.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct. Bcn prior req.
Krist-Port (Farmington)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
(P) Lapeer	2.4 ENE;RR S	830	34 S6	80 oct. Poles NW; bldg W,SW.
McEnnan (Ypsilanti)	2.7 SSW;rd E	738	23 S4	80 oct. Rd S.
McKinley (Fraser)	1.3 NW;RR E	620	27	Pole line E,NE.
Mettetal (Plymouth)	1.5 SSE;RR E	700	23 S6	73,80 oct. Poles N.W.
Milan	3.8 SW;RR SE	705	23 S2	80 oct. Poleline N
Monroe (Newport)	3.5 SSE;lk SE	590	29 S4	80 oct. Trees NE,SE, SW.
Nan-Bar (Flat Rock)	1 ENE;RR N	590	26 S4	80 oct. P-line NE,E.
Nat'l Flying Service (Detroit)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (N)	3 W;hwy E	608	20h	
Pontiac	6.4 WNW	970	21h L4 S6	80,91 oct.
(NG) Romulus AAF (A)	See Wayne Co. under "New Airports" - name changed.			
Roseville	0.5 S;hwy W	610	31 S6	80 oct SE,SW blocked
Saginaw	4.5 E;RR N	601	33 R1 L4 S4	80,91 oct. Poles S,SE,SW
St. Clair Co. (Port Huron)	5.5 SW;hwy S	650	23 L1 S5	80 oct. Poles NE,SE,SW,NW. Lgts on req.
Seely's (Davison)	4 WSW;RR N	780	20 S6	80 oct. N,NE blocked.
(A) Selfridge (Mt. Clemens)(A)	3 E;lake NE	583	60h R3 L5 S6	73,100 oct. JP-1. Poles E. FOREIGN CLEARANCE STATION.
Skyhaven (Saginaw)	2 NNW;riv E	600	29 S2	80 oct. Trees NE.
Stinson (Wayne)	1.4 SW;RR E	664	25h	P-line NNE. PRIV.
Tecumseh	1.8 NNE;riv SW	815	26 S6	80 oct. P-line S. Wblkd
Thomas B. Joy (Detroit)	See Joy under "New Airports" - name changed.			
Triangle (Plymouth)	1.5 ESE;hwy S	700	26 S4	80 oct, 30 poles N.
Warren	1.6 WNW;RR E	625	23 S1	73 oct. Pole line N.
Washtenaw (Ann Arbor)	5 W	867	26 S2	80 oct. Hi-line S. Data unver.
West's (Clio)	4 SW;rd E	690	21 S2	80 oct.
(P) Willow Run (Ypsilanti)	4 E;RR N; riv S	715	74h R2 L5 S1	90,100 oct. Rdo rec required.
Wings (Utica)	2.5 SW;RR E	630	23 S1	73 oct. N,NE blocked.

OHIO

(P) AKRON	3.4 SE;RR W	1042	34h R2 L5 S6	90-100 oct. P-line SW; hills SE. ARPT ENTRY
Ashland	1.8 N;hwy W	1079	28 S4	80,91 oct. Poleline W
(P) Bricker (Bowling Green)	1 NE;RR W	675	30 S6	80,91 oct E blocked P-line NE,E,S,SW
Coons (Nevada)	0.3 NE;RR S		21 S2	80 oct. Data unver.
Fenwick (Kellys Island) (NC)	1.3 NE bay N	600	15	W blkd, trees S. Rough.
Findlay	1.5 SSW	800	27 R1 L5 S4	80 oct. Hwy NW.
Franklin (Toledo)	4.5 WNW;	630	32 S6	80 oct Pole line all sides.
Gage (Mansfield)	4.5 W;RR S	1360	13 S6	80 oct. Trees E.
Galion	1.5 WNW	1155	18 S2	80 oct. RR SE
* Hayesville Int, 27, LV-CV	2.5 WNW; hwy E	1300	30 R1 L3	
Hinde (Sandusky)	2.8 E;RR S	574	30 S6	80 oct. P-line SE,S. ARPT OF ENTRY.
Kent State	2.8 W;RR S	1120	36 S4	80 oct. No sto. Pole line N.
Ling (Barberton)	3 WSW;RR,.8 N	1150	30 S4	80 oct. Obsts sur fld
McKinley (Canton)	2.3 NE;hwy SE	1100	28 S2	80 oct. P-line E,SE.
Mansfield	3.6 N;RR E	1300	56h S6	80,91 oct.
Martin (Canton)	4 NNE;hwy SE.	1080	30 L S6	80 oct. Flood lgts on req. P-line W,NW; ridge SE.
Medina Prichard (Medina)	3 WNW;RR NW,SE	1060	29 S6	80 oct. No sto. Poles S. Rnwy data unver.
Miller (North Benton)	1.5 W;RR SE	1070	28 S4	73 oct. Poles S.
National Aviation (Toledo)	4.1 NNE;	595	38 S6	80,91 oct. P-line NE,E,S, SW,W
Noble (Massillon)	4.5 NNE;	1080	29 S4	80 oct. No sto. P-line SW, W. Const. E W rnwy
Norwalk	0.8 NE;RR W	700	18 S2	80 oct. Poles W,SW,
Norwalk Airpark(NC)	2 NNE;RR W	690	29 S6	80 oct. Poles W,SW.
Parks Airpark (Norwalk)	4.5 S;hwy E, W	880	28 S2	80 oct. House NE,E.
Peninsula (Port Clinton)	3.5 E;RR S	587	36 L3 S1	80 oct. P-line N,S.
* Perry Int, 4B, CV-AZ	2.3 NE;RR S	692	26 R1 L3	Poles E.
Port Bucyrus (Bucyrus)	2 S;RR NW,E	1000	26 S6	80 oct. Poles E.
Put-In-Bay	1.2 SSW	590	14 S2	80 oct. P-line N,W,NW ARPT OF ENTRY.
Slager (Fremont)	2 NW;RR SW	630	19 S6	73,80 oct. No sto. Pole line N,E,SE.
Snyder (Fostoria)	1.5 ENE;RR S	762	26 S4	80,91 oct. W blkd.
Taylorcraft (Alliance)	2.5 NNE; hwy E	1080	22h S5	80 oct. No sto. Poles sur fld.
Tiffin	1.5 N;hwy E	750	26 S6	80 oct. Poles E.
(P) TOLEDO	8.2 SSE;RR W	623	42h R2 L5 S6	80,91 oct. P-line SW,E
Wellington	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.
Westfield (LeRoy)	1.2 SSE;RR E, S	1030	25 S4	80 oct. Pole line W. Rnwy data unver.
Willard	1.6 SSW;RR NE	960	29 S6	80 oct. Poles S,W.
(P) Wooster	3 NNE;hwy SE	1150	32 S6	80 oct. Poles S,SE.

NEW AIRPORTS

Akron-Canton, (Ohio)	See Akron-Canton Arpt-Co. Fld under "New Arpts"			
(NG) Wayne Co. (Detroit, Mich) (NG)	16 SW;RR N	630	61h R1 S3	100 oct. I-ech maint NG ARPT OF ENTRY.
Lodi (Ohio)	2.2 NE;hwy E	1135	25 S4	80 oct. Poles W, bldg NE
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Akron-Canton Arpt-County Fld (Canton,	8.5 NNW;RR 1W	1227	56h L6 S1	80,91 oct.
Newton Falls (Ohio)	2 SW;RR E	950		
Tuttle Fld (North Madison, Ohio)	2.2 NW;lk N	625	16	80 oct, N blkd, P-line S.
Whiteley (Alliance, Ohio)	2 ESE;RR W	1065	16 S1	80 oct. N,S blkd.
Marlette (Mich)	1.3 N;hwy W	825	18 S1	80 oct. Trees S,NW
Dauner (Fenton, Mich)	1.5 N;lk W	890	26 S1	80 oct. P-line W,NW.
Motor City Sky Park (Flint, Mich)	3.7 E;RR S	795	21 S1	80 oct. Trees NE,NW.
Flat Rock (S. Rockwood, (Mich)	2.8 W;hwy W	600	24 S4	80 oct. P-line NW.
Navarre (Woodland Beach, Mich)	2 WSW;RR W	580	30 S6	80,91 oct. P-line NE,SE,S

R-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ : EXTREMELY HAZARDOUS

Ⓞ : USABLE WITH CAUTION

CLEVELAND 49

DETROIT 33

DETROIT AREA

JAMES CLEMENTS
SKYHAVEN
SAGINAW
CARO
MARLETTE
CROSWELL CITY
MICH. 3 D.A.
FORREST
DALTON'S
WEST'S
BISHOP 278 (118.3)
MOTOR CITY
SEELY'S
LAPEER
BAKER'S
ST CLAIR CO MUN.
ALLEN'S
CENTER
OXFORD
PONTIAC
HIGHLAND
HOWELL
WIXOM
WASHTENAW
ANN ARBOR
GRIDLEY
McENNAN
SALINE
MILAN
DUNDEE
TECUMSEH
CUSTER
MONROE
NEWPORT OLF
NATIONAL AVIATION
MICH.
OHIO
FRANKLIN
TOLEDO 263
BOWLING GREEN
BRICKER
SLAGER
SNYDER
TIFFIN
FINDLAY
ADA
BLUFFTON FLY. SVC.
PORT BUCYRUS
GALION
NAN-BAR
FLAT ROCK
GROSSE ILE NAS 269 (142.74)
DETROIT CLEVELAND
OHIO 6 D.A.
PUT-IN-BAY
PENINSULA
SANDUSKY
HINDE
NORWALK
PARKS
MITCHELL BAY
CHATHAM
CLEVELAND V H F RANGE
VERMILION
ELYRIA
AVON LAKE
BRECKSVILLE
NORTH ROYALTON
MEDINA
PRICHARD
LODI
LING
WESTFIELD
ASHLAND
WOOSTER
MANSFIELD
TOLEDO V H F RANGE
WEELINGTON V H F RANGE
WILLARD
HANCE
WAYNE CO
STINSON
BIG BEAVER
McKINLEY
THOMAS B. JOY
BERZ
KRIST-PORT
WARREN
ROSEVILLE
DETROIT CITY 278
DETROIT (W) 338
METTETAL
TRIANGLE
BURNS
NATIONAL FLY SVC.
HARTSELL AIR TERM
FORD
ROMULUS 230 (116.1)
SELFRIDGE AAF 388
SELFRIDGE AAF 396 (126.18, 137.88)
SAGINAW 212
FLINT 335 (116.1) On request
WILLOW RUN 332 (118.7)
WINDSOR 353
CLEVELAND 344 (116.1)
PERRY 332 (116.1) On request
AKRON 362 (116.1)
AKRON 272 (118.9)
TOLEDO 239 (116.1)
FINDLAY 209
DAYTON 245
COLUMBUS 391
HAYESVILLE 329
FOR DETAILS IN CLEVELAND AREA SEE CHART 141
SCALE OF MILES
FOR V.H.F. RANGES SEE CHARTS 144 TO 147
COLUMBUS 63
TO NEWARK
TO PITTSBURGH
TO WELLSBURG
TO LANSING
TO BURR OAK
TO ARCHBOLD
TO FORT WAYNE
TO TROY
TO YOUNGSTOWN
TO ERIE
BUFFALO 51
ERIE 371
CLEAR CREEK 248
CAN. OHIO
TUTTLE
PERRY
CHATHAM
NEWTON FALLS
KENT STATE
AKRON
MILLER
TAYLORCRAFT
WHITELEY
AKRON-CANTON
McKINLEY
NOBLE
MARTIN
CLEVELAND
PITTSBURGH
PARKMAN
WIXOM 20
GREEN 2
GREEN 3
AMBER 6
AMBER 9
RED 1
RED 12
RED 17
RED 20
RED 21
RED 27
RED 59
BLUE 11
BLUE 15
149
353
266
64
86
242
299
322
327
145
73
32
69
280
225
125
325
205
100
277
92
281
164
119
209
29
174
200
206
325
108
110
282
305
45
93
39
56
62
82
55
42
23
15
10
8
12
13
17
34
43
41
31
80
89
14
33
50
27
21
3000
4000
2000
FLIGHT LEVELS ARE MEAN SEA LEVEL ALTITUDES IN HUNDREDS OF FEET.

BUFFALO

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS OF OPERATION
Albert (Wallaceton, Pa)	3 ENE;rd N	1750	38 S5	80 oct. P-line sur fld. except W.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct. No sto.
← Ashtabula (Ohio)	3.1 W;lake N	621	17 S6	80,91 oct. S ft when wet.
Audubon (Getzville, N.Y.)	1.7 SSW;RR N,SW	580	19 S6	80 oct.
(P) Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct. P-line W. Trees E.
Becker (Brockton, N.Y.)	0.7 S;RR S	320	15	
Bernard (Youngstown, Ohio)	3.4 E;lake NE	1140	28 S6	73,80 oct. P-line N,S,W.
Bird (Youngstown, Ohio)	2.6 NE;RR W	1000	23 S4	80,91 oct. P-line W, N.
Braebreeze (Marchand, Pa)	0.3 N;RR NW	1600	18 S2	80 oct. Trees N,NE
Brockway (Pa)	1.3 NE	1700	18 S2	80 oct. Trees SE,NW
Brokenstraw (Youngsville, Pa)	2.6 W;RR S	1230	19 S6	80 oct. P-line NE,SW,WSW
BROOKVILLE H Fac. (Pa)	391(BR)(116.1)		MHT	(4); 116.1 Manned 7-23
* Brookville Int, 45A, CG-LG (Pa)	2 WSW;RR E	1416	30 L3	Trees E,W,SW.
Buffalo Arpk (Gardenville, N.Y.)	1.5 ENE;rd S	680	27 S6	80 oct.
BUFFALO Range (N.Y.)	260(BI)(116.1)	230°, 0.9	SBRAZ-DTXV	(3); 116.1
BUFFALO Tower (N.Y.)	278 (126.18, 118.5)		AC(ILS-W)	(4); 126.18,122.5,118.5
(A) Buffalo (N.Y.)	6.1 ENE;RR N	711	56h L6 S6	80-100 oct; 100 oct. Army. ARPT OF ENTRY.
Butler-Alameda (Butler, Pa)	3.4 WNW	1340	24 S6	80 oct. P-line E.
CLEAR CREEK Range (Ontario, Can)	248 (QO)		BRAZ-T	(4)
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Conneaut (Ohio)	See Lakeville			
Conneaut Lake (Pa)	1.7 WSW;hwy SE	1250	19 S3	80,91 oct. P-line SE end.
Conway (Pa)	0.7 N	950	24 S4	80 oct. Hill N. Rnwy data
Country Club (Clarence, N.Y.)	2.3 E;RR S	800	36 L S6	80 oct. Trees SW unver. Port lgts on req.
County (No. Tonawanda, N.Y.)	3.4 E;RR SW	577	21 S4	80 oct
DUNKIRK H Fac. (N.Y.)	239(DK)(116.1)		MHTV	(4); 116
(P) Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80, 91 oct.
Dubois (Pa)	1.7 ESE;RR NE	1575	30 S6	80, 91 oct. P-line W.
ERIE Range (Port Erie) (Pa)	371(ER)(116.1)	64°, 2.0	SBMRAZ-DTV	(4); 116.1 (ILS-W)
Erie City (Kearsarge, Pa)	0.5 W;hwy E	900	29 L S6	80,91 oct. Port rnwy lgts. P-line SE.
Erie County (Erie, Pa)	11.6 SW;hwy N	805	24 S6	80 oct. P-line SSE,NW
Falconer (N.Y.)	1.3 NNE;RR S	1250	22 S4	80 oct. Obsts sur fld.
Fredonia (N.Y.)	3.5 W;RR SE	620	26 S2	80 oct. P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct. No sto.
Graf (Lockport, N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Green (Ridgeway, Pa)	3 NW;hwy 1 E	1720	21 S1	80 oct.
Greenville (Pa)	3 W; RR E	1180	17 S2	80 oct. P-line S,SW.
Grove City (Pa)	2.1 SSE;RR E	1275	22 S6	80,91 oct.
→ Hall (Warren, Ohio)	3.5 ENE;RR NW	900	26 S1	80 oct. Private. Poles E.
Hamburg Arpk (N.Y.)	2 NNW;RR,hwy W	722	23h S4	80 oct. P-line NE.
Harri-Emery (Bradford, Pa)	2.3 WSW;hwy N	1490	20 S4	80 oct.
Hayes (Blasdell, N.Y.)	0.7 SSE;RR,E,W			ABANDONED
Jamestown (N.Y.)	4.1 N;hwy E	1719	27h S6	80 oct. Trees S.
Keystone Park (Emporium, Pa)	0.5 SW	1210	15	P-line SW,NE.
Kylertown (Pa)	1 WNW	1660	40 S6	80 oct. Trees N,WNW.
Lakeview (Burt, N.Y.)	2.2 W;RR S	300	13	
Lake View (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
Lakeville (Conneaut, Ohio)	2 ESE;RR N	670	18 S4	80 oct. P-line N,NE,NW.
Lee (Lockport, N.Y.)	1.8 SSE;hwy N	640	18h S2	80 oct. P-line N.
(P) McKean Co. (Bradford, Pa)	11 S;RR SW	2140	45h S4	80, oct.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct. Obsts sur fld.
Mercer (Pa)	4.8 NNE;RR W	1300	22 L1 S6	80 oct.
Merry's Pymatuning (Linesv'l, Pa)	1.5 NW;RR E	1200	21 S2	80 oct. P-line NNE.
MILBROOK Range (Pa)	109.1 (MC)		VARW	
Mount Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct. Trees NE,W.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)		C1	(4); 126.18,122.5 (7-21)
(P) Niagara Falls (N.Y.)	4.5 E;hwy S	587	55h L5 S4	80-100 oct. P-line E.
New Castle (Pa)	4 WNW;hwy SE	1080	22h S6	80,91 oct.
NEW FACILITIES				
Sharpsville Arpk (Pa)	3 ENE	1110	18 S2	80 oct.
Slyder's (Emporium, Pa)	4 ESE;RR 1.7 W	2000	20 S2	80 oct.
Olean (N.Y.)	1.8 SE;riv N	1440	30 S4	80,91 oct. Trees W,N;hills S
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Palmer (Olcott, N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct. P-line E.
Parker Cramer (Clarion, Pa)	1 ENE;riv N	1480	28 S6	80,91 oct. Trees N,E,S.
Patterson (Beaver Falls, Pa)	1.5 S;riv SE	1020	27 S4	80 oct.
Penn-Mead (Meadville, Pa)	3 SSW;hwy E	1365	20 S2	73 oct
Pembroke Arpk (E. Pembroke, N.Y)	2.5 W;hwy S	900	17 S2	80 oct. Trees SW,W.
Penn-Mead (Meadville, Pa)	4 SW;hwy E	1365	20 S3	80 oct. Trees N,E,S,W.
Perry Central (N.Y.)	1.7 NNW;lk SSW	1400	23	P-line, trees N,E.
Perry (Mars, Pa)	5 E;hwy E	1050	25 S6	80 oct. N blocked.
PHILLIPSBURG Range (Pa)	224(MJ)(116.1)	169°, 5.0	SBRAZ-DTV	(4); 116.1 (Black Moshannon)
PHILLIPSBURG Range (Pa)	108.7 (MJ)		VARW	
Philipsburg, 51A, CG-LG (Pa)	See Black Moshannon, 51A, CG-LG under "New Facilities" -name changed			
Pittsburgh-Butler (Butler, Pa)	6.2 SSW;hwy E	1235	40 L1 S6	80 oct. Flood lgts on req
[Port Erie] (Erie, Pa)	6 WSW;RR SE	735	45h L6 S6	80,91 oct P-line E,S
Port Lawrence (Corry, Pa)	1.2 S,RR N	1745	23 S2	80 oct. Trees SE,W,NW.
Port Meadville (Meadville, Pa)	3.4 W;hwy S	1400	32h L4 S6	80,91 oct. Flood lgts on req.
Port Warren (Warren, Ohio)	1.5 N;RR W		24 S1	80 oct. Data unver. Trees
Punxsutawney (Pa)	3 NE;hwy .5 S	1470	22 S2	80 oct. P-line SSE,ESE,S,NE
Ripley (N.Y.)	1.4 WNW;lake N	650	22 S4	80 oct. No sto.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Salamanca (N.Y.)	1.6 W;RR, N,S	1370	12 S6	80 oct.
Scott (Lancaster, N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct. P-line SW. Rnwy data
Shawnee (North Tonawanda, N.Y)	4.5 NNE;riv SE	580	33 S6	80 oct. P-line E,W. unver.
Sheridan (Williamsville, N.Y.)	2.5 NE;hwy SE	640	38 S6	80 oct. No sto.
Silver Creek (N.Y.) (NC)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
Sky Harbor (Williamsfield, Ohio)	1 S;hwy E			ABANDONED.
Splane Memorial (Oil City, Pa)	4.1 NNW;hwy E	1490	22h S6 S4	80,91 oct. Trees N,E,S
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct. P-line N,E. Rnwy data unver.
Steffen (E. Amherst, N.Y.)	3.5 N	582	22 S6	80 oct. Obsts sur fld.
Swaney (E. Liverpool, Ohio)	4.9 NW;crk SE	1170	22 S2	80 oct.
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct. Pwr line E,NE.
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct. Rough. Obsts sur fld.
TORONTO Range (Ontario, Canada)	368 (YZ)	17°, 4.0	SBRAZ-TX	3105,6210,3117.5
Transit (Depew, N.Y.)	2 SSW;RR N	670	13 S2	80 oct. Trees, bldg E.
Tyndall (Warren, Ohio)	6 NNW;RR E	940	28 L1 S4	80 oct. N,S,W blkd.
Utahville (Pa)	1 N;RR S	1900	22 S6	80 oct. Ltd 91 oct.
Warren (Pa)	2 WSW;RR N	1100	23h S6	80 oct. P-line WNW.
Warren Airways (Ohio)	2.3 WNW;hwy N	900	25 S4	80 oct. Trees S,WNW.
Watson (Youngstown, Ohio)	3.8 E;lake S	1080	17 S2	Ltd 73,80 oct.
Werle (Dunkirk, N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct. Poles, trees sur fld.
Westfield (N.Y.) (NC)	1.5 WSW;hwy N	758	18	S blocked.
Wilson Flying Field (N.Y.)	2.5 SSW;RR NW	310	18	ESE blocked.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°, 3.4	BMRLZ-DTV	(3); 116.1
YOUNGSTOWN Tower (Ohio) [Youngstown] (Ohio)	270 11 N;hwy E	1178	C 39h L5 S6	(4) 80,91 oct. 100 oct. on req.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LCLZR.	G.P.	APP. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BUFFALO	109.9	333.8	232°	IM-	MM- ·—·—(0.66)	OM- ——(4.20)
					MMK-	OMK- 201 ·—·—
PORT ERIE	110.3	335	60°	IM-	MM- ·—·—(0.62)	OM- ——(4.35)
					MMK-	OMK-

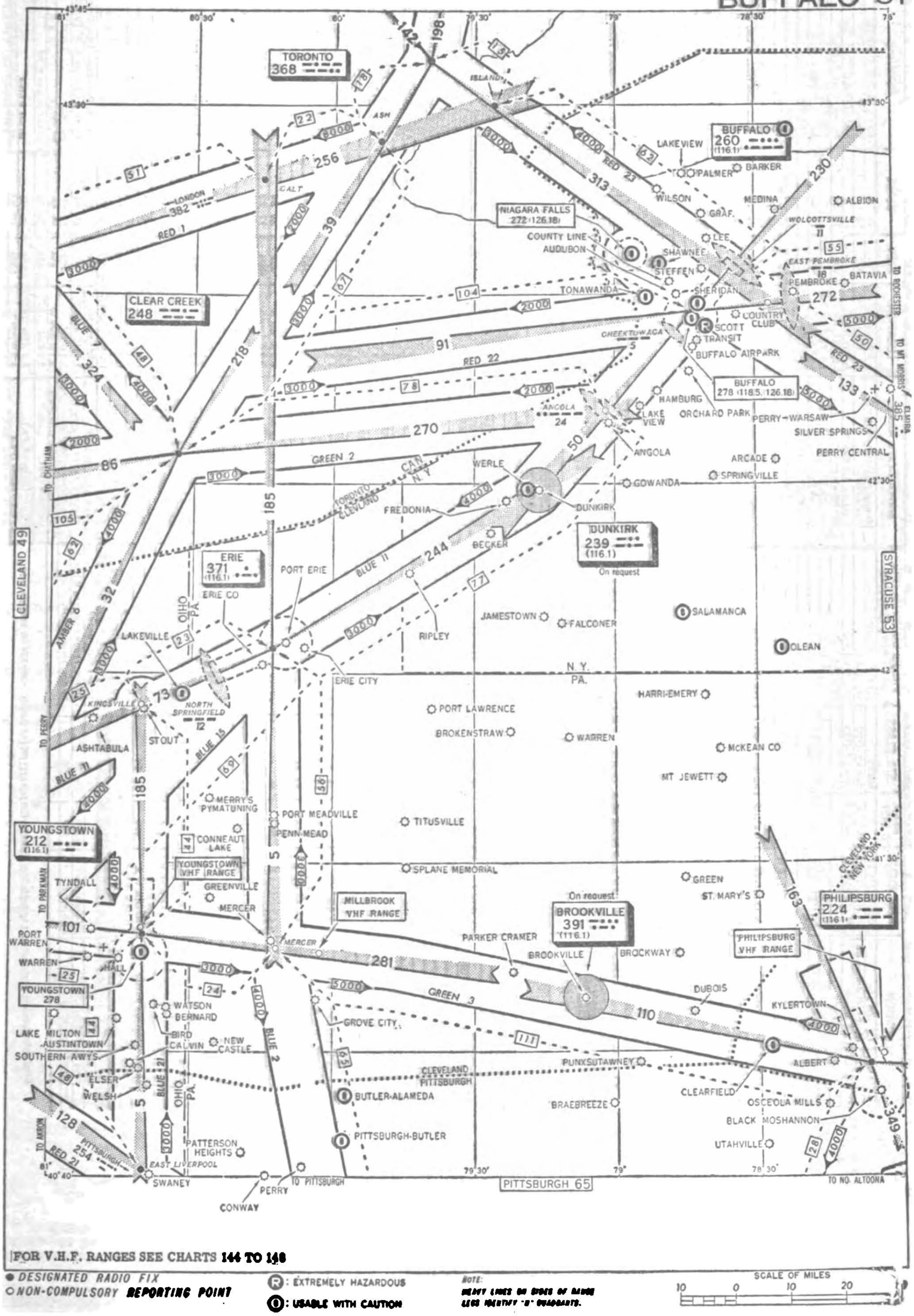
NEW FACILITIES

Lake Milton (Ohio)	0.4 W;lake E	950	17	Rough. P-line NE,E.
Southern Airways (Woodsworth)	2.5 NNW;hwy N	1040	27 S4	80 oct. E blkd (Ohio)
Welsh Fly Svc. (No. Lima, Ohio)	2.4 S;hwy, lk E	1155	18 S1	80 oct. E blkd
Elser (No. Lima, Ohio)	1.2 NW;hwy E,S	1060	18 S1	80 oct. Trees E,W
Calvin (No. Lima, Ohio)	2.8 WNW	1165	23 S1	80 oct. N,NNW,SSE blkd
Austintown (Ohio)	0.8 SSE;hwy N	1180	31 S4	80 oct. E,W blkd.
Perry Fly Svc (N.Y.) (NC)	3.3 W;RR 3 W	1640	21	P-line NNE Reported ABAND.
→ Perry-Warsaw (Perry, N.Y.)	3 WNW;hwy N	1555	15 S2	80 oct. Data unver.
Brookfield (Ohio)	0.8 W;RR W			ABANDONED
Black Moshannon, 5IA, CG-LG	7 E;hwy N	1940	30h L3	(Philipsburg, Pa)
Stout (No. Kingsville, Ohio)	1 E;RR N,S	710	30 S2	80 oct. N blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities: S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

BUFFALO 51



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS
(O): USABLE WITH CAUTION

NOTE:
HEAVY LINES ON SIDES OF AIRWAYS LESS IDENTIFY "B" BOUNDARIES.

SCALE OF MILES
10 0 10 20

RADIO

NEW YORK

LOCATION	FREQ., IDENT	BEAR. & DIST	STA. CLASS	FREQS. GUARDED, HRS OF OPER., REMARKS
DANSVILLE MH Fac.	212(DA)(116.1)		MHTV	(4);116.1.Manned 7-23.
ELMIRA Range (Chemung Co.)	385 (EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
ROCHESTER Range	206 (RC)(116.1)	298°,2.2	BMRLZ-DTV	(4); 116.1
Rochester Tower	278		CI	3105, 4495 (8-24)
ROME AAF Tower	396 (126.18)+		CA	(4); 126.18 (8-22)
SYRACUSE Range (Mun.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3); 116.1
Syracuse Mun. Tower	278		C	(4)
TRI-CITIES Tower	278		CI	3105,6210 (days)
UTICA Range	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4); 116.1
PENNSYLVANIA				
ALLENTOWN Range (Allentown-Bethlehem)	320 (XA)(116.1)	102°,2.7	SBMRAZ-DTV	(4);116.1,122.1
LAKE CAREY FM	(- - - -)	360°,20.8	FM	Wilkes-Barre
SLATINGTON FM	(- - - -)	290°,12	FM	Allentown
SUNBURY MH Fac.	353(SV)(116.1)		MHTV	(4);116.1
SUNBURY Range	108.3 (SV)		VARW	
WILKES-BARRE Range (Wilkes-Barre-Scranton)	272 (WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
WILLIAMSPORT Range	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
NEW RADIO FACILITIES				
WATERTOWN(N.Y.)	109.1(WB)		VARW	
ALLENTOWN Range (Pa.)				DECOMMISSIONED

S-Signal Range and Voice W-Without Voice. / VHF Range Station Location Marker. (3)-315, 4495, 6210 kcs. (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army ACS transmits on and guards 116.1, 137.98, 149.59 mcs.

AIRPORTS

NEW JERSEY

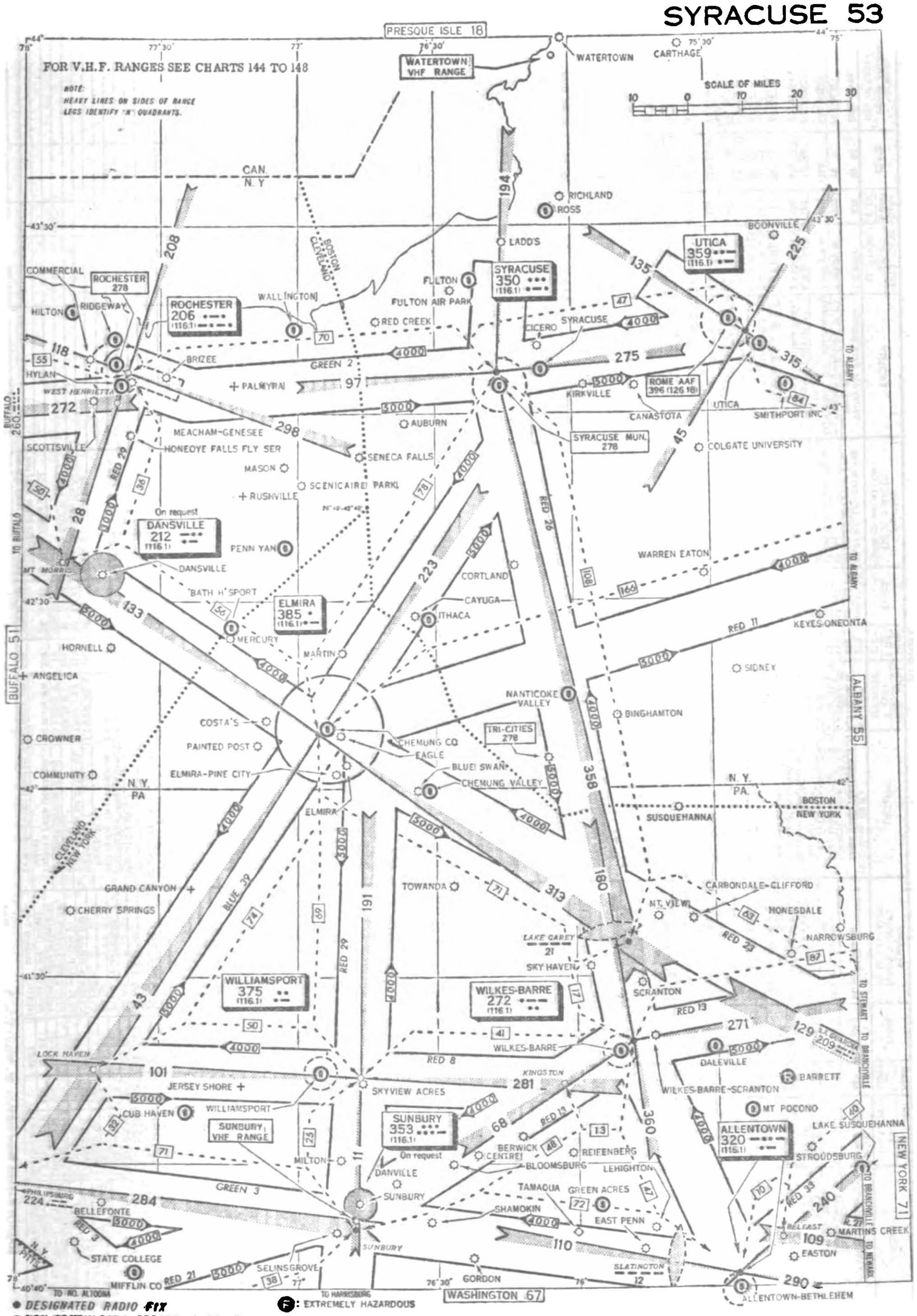
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct blkd.
Martins Creek (Belvidere)	3 SSW;riv SE	340	26 S6	80,91 oct P-line N,ENE,SE
NEW YORK				
Angelica	1.5 WSW;RR N		18 S1	80 oct Data unver
Auburn	3.7 NNW;lake E	525	24 S4	80 oct Poles,trees sur fld
Bath-H'sport	2 SSW;hwy SE	725	18 S1	80 oct Hill 0.6 E Data unver
Binghamton	7.2 NNE;RR NW	940	18 S2	80 oct Trees N
Bonnie Brae (Owasco) (NC)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville	4.5 ESE,riv NE	1273	29 S1	80 oct Obsts sur fld
Brizee (Pittsford)	2 E; RR N	422	25 S4	80 oct Pole line S, NW
Canastota	1.3 WSW;RR N	540	22 L1 S1	80 oct
Carthage	1 E; RR NW	740	20 S1	80 oct Hi-line W
Cayuga (Ithaca)	3.8 WNW;hwy E	1280	23 S1	80 oct Pole line E
(P) CHEMUNG CO. (Elmira)	6.5 NW;RR S	951	40h R1 L5 S4	80,91,100 oct
Cicero	0.5 NW;lake SW	416	21 S4	80 oct
Colgate University (Hamilton)	5.4 N; RR W	1178	25 S6	80 oct.
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct Pole line W.
Community (Whitesville)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S
Cortland	1.8 WSW	1144	30 S6	80 oct Wooded ridge E
Costa's (Painted Post)	2.7 NW	960	16 S1	80 oct Trees W, NW
Crowner (Wellsville)	1 W; RR E	1506	22 S2	80 oct Obsts sur fld
(P) Dansville	1 NW; RR NE	662	40h L3 S6	80 oct. Pole line N.
Eagle Airmark (Horseheads)	1.8 SSW;RR E	900	22 S1	80 oct. Trees S,W.
Elmira	2 SSW;RR E	850	16	Trees adj NE,S
Elmira-Pine City (Elmira)	4.6 SW;hwy N	980	14	Trees WSW.
Fulton	2.6 NNE;rd W	469	40h L2 S4	80 oct No sto Lgts prior req.
Fulton Airpark	0.5 W;riv E	360	20 S6	80 oct Brush WNW Rnwy data
Hancock (NC)	1.5 SSE;RR E	905	17	Hills SSE,NNW unver
Hilton	2.6 WSW;RR N	325	16 S1	80 oct. 3' fence E,S,SE
Honeoye Falls Flying Svc.	0.8 SW;RR E	700	20 S4	80 oct. Pole lines NE,NNW.
Hornell	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester)	6 S;RRs N,S,W	525	27 S6	80 oct. Trees E
Ithaca	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Keyes-Oneonta (Oneonta)	1.5 W	1000	27 S4	80 oct. Obsts sur fld.
Kirkville	0.3 W;RR N,W	434	19 S1	80 oct. Pole line E
Ladd's (Mexico)	0.6 W;RR N	383	20 S1	Ltd 73 oct.Pole line NE.
Martin (Montour Falls)	1 NE;RR W,E	460	19 S4	80 oct.
Mason (Geneva)	3.5 WSW;RR SE	790	19 S1	80 oct. Pole line S.
Meacham-Genesee (Rochester)	6 S; RR N	564	22 L S6	80 oct. Floodlgts in emerg.
NEW FACILITIES				
Palmyra Arpk (N.Y.)	1 N		24 S4	80 oct.Data unver.
Blue Swan (Sayre,Pa)	2.7 WNW;riv E	800	29 S6	80 oct.Trees ESE,mtn WNW.
Honesdale (Pa.)	2 SE;riv S	920	25 S4	80 oct. Woods & hills E,W.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xiii) NC-(not charted). → NEW OR REVISED DATA.

NEW YORK

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Mercury (Hammondsport)	1 WSW;RR N	750	15 S2	80 oct Hill W CLOSED
Minoa (NC)	0.3 NW;RR SW	430	14	Trees E
Moravia Air Haven	1 NW; RR E			ABANDONED.
Narrowsburg	0.6 NNE;RR E	700	18 S4	80 oct Mtns N, NE.
* Newark Int, 27A, CV-AZ	1.3 WNW;rd N,E			ABANDONED
Painted Post	4.4 SW;RR W	950	19 S2	80 oct Trees E, W
Parker (Palmyra)	2.6 S; RR N			ABANDONED.
Penn Yan	1.1 S; lake W	850	20 S2	80 oct
Pulaski	See Ross Arpk. under "New Airports"- name changed.			
Red Creek	0.8 SSE;RR N	355	18 S1	80 oct
Richland	0.6 NE;RR SW	560	21 S4	80 oct Hi-line S,No Sto,When wet
Ridgeway (Rochester)	3.7 W;canal ESE	530	18 S1	80 oct Pole lines W,NW,SE,Ctr
(N) ROCHESTER	3.7 SW;riv S	549	44h R2 L5 S6	80,91 oct ARPT OF ENTRY NATS(Hospital flights)
(A) Rome AAF (A)	2.5 NE	473	63h R1 L5 S6	62,73,91,100 oct. JP-1
Rushville	2.5 NNE	1120	20 S1	Data unver.
Scottsville	1 N; RR W	690	10	Allway area: 1000 x 1000'
Seneca Falls	2.2 SE	490	28 S2	80 oct.
Sidney	1 WSW;RR SE	1012	24 S4	80 oct. Pole line S.
Smithport Inc (Utica)	3.5 SSE	1150	20h S1	80, 91 oct. Data unver.
(P) Syracuse	3.5 NNE;hwy W	419	55h	CLOSED.
SYRACUSE MUNICIPAL	5.9 WNW;RR N	396	50h R2 L5 S6	80,91 oct Rdo rec rqrd.
(P) Tri-Cities (Endicott)	3.5 WSW;riv S	840	35h R1 L3 S6	80,91 oct.Wooded ridge W,ESE
Utica	7.8 NW;hwy S	525	31 R1 L1 S6	80,91 oct.Twr W;hill N;trees E.
Warren Eaton (Norwich)	2.5 N;riv,RR E	1015	20 S1	80 oct Wooded ridge E
(P) WATERTOWN	5.9 WNW;hwy N	325	50h L5 S4	80,91 oct. ARPT OF ENTRY
PENNSYLVANIA				
ALLENTOWN-BETHLEHEM (Allentown)	4.6 NNE;RR NW	392	40h R1 L5 S6	80,91 oct Trees E,W.
Barrett (Canadensis)	1.8 N	1450	18 S4	80 oct.
Bellefonte	4.3 ESE;hwy N	1045	21 L3 S6	80, 91 oct.
Bloomsburg	0.3 ESE;riv S	478	32 L5 S6	80,91 oct Pole lines SW,E
(P) Chemung Valley (Athens)	1.8 NNW;riv E	850	25 S6	80 oct.
Cherry Springs (Galeton)	10 SW;hwy 1 S	2265	19 S2	80 oct. Trees W,SE,NW
Cub Haven (Lock Haven)	1.7 E;RR S	550	25h S6	80 oct. Pwr line E
Daleville	0.6 N;hwy W	1775	17 S4	80 oct Hill S. Stack SW.
Danville	2.2 SW;RR N	480	22 S3	80 oct Hill SE.
Easton	3.5 NNW;hwy E	380	22 S6	80,91 oct P-line NNW,WSW
East Penn (Andreas)	1.5 NE;hwy S	869	18 S6	73 oct
East Scranton (Scranton)	7.3 ESE;lake E			ABANDONED.
Gordon	1.4 W; RR E	960	18 S2	80 oct Hill S
Green Acres (Beaver Meadows)	2S	1260	20 S4	80, 91 oct Pole line ENE
Lehighton	0.9 WSW;hwy NW	502	18 S6	80 oct Trees WSW
Mid Valley (Olyphant) (NC)	3 N; rd NE	1580	20	
Milton	0.8 S;RR W	450	27 S6	80 oct. P-line W,SW.
Mt. Pocono, 21, BI-LG	1.5 NW;hwy NE	1525	26h L3	Trees NE.
Nicholson-Mt View (Nicholson)	4.8 ENE;crk NW	1280	21 S2	80 oct. Hill SE,trees NW.
Reifenberg (Hazleton)	5.8 NNW;r1 E	1146	21 S4	80 oct.
Scranton	7.2 WNW	1150	24h L3 S6	73-91 oct.Fld lgts prior req
Selinsgrove	1.1 N;hwy E	45	25 S2	73,80 oct.Pole line E,W.
Shamokin (Elysburg)	2 SE,RRs W	1100	16 S2	80 oct.
Skyhaven (Tunkhannock)	0.3 S; RR N	639	20 S6	80,91 oct.P-line,trees SW.
State College Air Depot	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW
Stroudsburg-E Stroudsburg (Stroudsburg)	2.5 NNE;RRS.	480	22 S6	80 oct.
(P) Sunbury	2 NNE	443	35 S4	80 oct. No sto.
* Tamaqua Int, 61B, CG-LG	2.2 WNW;hwy W	1260	30 L3	
Towanda	1.5 SSE;RR W	700	25h S2	80 oct ENE,NE blkd. emerg
Wilkes-Barre-Wyoming Val'y	3.5 NNE;riv S	546	35h L3 S4	80, 91 oct. Lgts prior req or
(P) WILLIAMSPORT	5.1 E; riv S	529	43h R1 L5 S6	80,91 oct Lgts emerg only.
NEW AIRPORTS				
Nanticoke Valley Arpk (Maine,N.Y.)	4 NNE;hwy E	975	19 S2	80 oct Data unver.
ScenicAire Park (Geneva,N.Y.)	3 S;lake E	550	27 S4	80,91 oct.
Valley (Sayre, Pa.)	See Blue Swan under "New Airports" - name changed.			
Wilkes-Barre-Scranton	10 NE;riv N	950	52h R1 L5	80,91 oct. (Wilkes-Barre,Pa)
Jersey Shore (Pa)	1.5 E	530	28 S4	Data unver Lgts on req
Ross Arpk (Pulaski)	3 SE; riv N	500	25 L S6	80 oct. Port rnwy lgts. Trees
Skyview Acres,(Muncy,Pa.)	1.4 NE;cty SW	500	26 S2	80,91 oct.P-line S,SE WSW
Grand Canyon (Wellsboro,Pa)	5.2 WSW	2000	31 S2	80 oct.
Mifflin Co (Reedsville,Pa.)	2.7 N;hwy W	830	37 S6	80,91 oct.
Berwick (Pa)	2.2 ENE	620	22 S4	80 oct P-line E,NE.
Centre (Berwick,Pa.)	6.5 WSW;RR N	500	29 S6	80 oct.E blkd.
Susquehanna (Pa.)	1.2 W;riv S	1000	17 S2	80 oct. Data unver.
Wallington (Sodus,N.Y.)	2.5 ESE;RR S		17 S2	80 oct.Wires S.Ctr when wet.
Carbondale-Clifford (Carbondale)	7 NW,lks SE	1520		1 E Clifford.

SYRACUSE 53


PRESQUE ISLE 18
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.
WATERTOWN VHF RANGE
WATERTOWN
CARTHAGE
SCALE OF MILES
CAN.
N.Y.
RICHLAND
ROSS
LADD'S
BOONVILLE
UTICA 359 (116.1)
SYRACUSE 350 (116.1)
ROCHESTER 206 (116.1)
ROCHESTER 278
COMMERCIAL
HILTON
RIDGEWAY
WALLINGTON
FULTON
FULTON AIR PARK
RED CREEK
CICERO
SYRACUSE
HYLAN
BRIZEE
GREEN 2
PALMYRA
WEST HENRIETTA
MEACHAM-GENESEE
HONEOYE FALLS FLY SER
SCOTTSVILLE
AUBURN
SENECA FALLS
MASON
SCENICAIRE PARK
RUSHVILLE
On request
DANSVILLE 212 (116.1)
DANSVILLE
PENN YAN
MT. MORRIS
'BATH H' SPORT
ELMIRA 385 (116.1)
MERCURY
HORNELL
ANGELICA
MARTIN
CORTLAND
CAYUGA
ITHACA
WARREN EATON
KEYES-ONEONTA
SIDNEY
NANTICOKE VALLEY
BINGHAMTON
COSTA'S
CROWNER
PAINTED POST
CHEMUNG CO
EAGLE
BLUE SWAN
CHEMUNG VALLEY
TRI-CITIES 278
COMMUNITY
ELMIRA-PINE CITY
ELMIRA
N.Y.
PA.
SUSQUEHANNA
BOSTON
NEW YORK
GRAND CANYON
CHERRY SPRINGS
TOWANDA
CARBONDALE-CLIFFORD
MT. VIEW
HONESDALE
NARROWSBURG
LAKE CAREY 21
SKY HAVEN
SCRANTON
WILLIAMSPORT 375 (116.1)
WILKES-BARRE 272 (116.1)
WILKES-BARRE
LOCK HAVEN
JERSEY SHORE
SKYVIEW ACRES
KINGSTON
DALEVILLE
BARRETT
WILKES-BARRE-SCRANTON
MT POCONO
ALLENTOWN 320 (116.1)
LAKE SUSQUEHANNA
STROUDSBURG
CUB HAVEN
WILLIAMSPORT
SUNBURY VHF RANGE
SUNBURY 353 (116.1)
On request
DANVILLE
MILTON
BERWICK
REIFENBERG
BLOOMSBURG
LEHIGHTON
TAMAQUA
GREEN ACRES
SHAMOKIN
EAST PENN
SUNBURY
PHILIPSBURG 224
BELLEFONTE
STATE COLLEGE
MIFFLIN CO
SELINSGROVE
GORDON
SLATINGTON 12
BELFAST
EASTON
MARTINS CREEK
ALLENTOWN-BETHLEHEM
ROME AAF 396 (126.18)
KIRKVILLE
UTICA
CANASTOTA
SMITHPORT INC
SYRACUSE MUN. 278
COLGATE UNIVERSITY
TO BUFFALO
TO ALBANY
BUFFALO 51
ALBANY 55
NEW YORK 71
CLEVELAND NEW YORK
BOSTON CLEVELAND
TO NO. ALTOONA
TO HARRISBURG
WASHINGTON 67
208
194
135
225
275
315
97
298
272
118
28
133
223
358
180
313
191
43
101
284
281
68
360
240
109
290
271
129
45
23
29
26
11
13
17
21
25
38
50
55
70
72
74
78
84
87
108
166
41
48
47
10
12
27
40
4000
5000
RED 29
RED 26
RED 23
RED 11
RED 8
RED 13
RED 3
BLUE 39
GREEN 3
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
(F): EXTREMELY HAZARDOUS
(U): USABLE WITH CAUTION

ALBANY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED, HRS. OF OPERATION
← Adams (Mass)	1.3 SSE	1400	18 S4	80 oct.
Aero Lake & Seaplane Base (Kingston, N.Y.)	3.7 SSE;RR W	220	23 S4	80 oct Trees S.
← Agawam Land & Seaplane Base (Agawam, Mass)	0.5 S;riv E	50	17 S6	80 oct SE blocked.
ALBANY Range (N.Y.)	365(AZ)(116.1)	195°,3.1	SBRAZ-DTV	(3); 116.1
ALBANY Tower (N.Y.)	278 (118.3)		AC	(4); 116.1,118.3,122.5
(P) [Albany] (N.Y.)	6.9 NNW;riv N	282	35h L5 S6	80,91,100 oct. ARPT OF
Amsterdam (N.Y.)	6 N;rd NW	887	18 S6	80 oct; lid 91 oct. Use strips only ENTRY
Ansonia (Conn)	1.6 ENE	440	18 S2	80 oct.
Arlington (Poughkeepsie, N.Y.)	1.5 E;RR E	280	18 S2	80 oct. P-line NE;trees SW.
(P) Ballston Spa (N.Y.)	3 N;RR E	433	40h S4	80, 91 oct.
(P) [Barnes] (Westfield, Mass)	3 NNE;RR W	268	50h L5 S6	80, 91 oct. Lgts on req.
Bennington (Vt)	2.5 WNW	830	13 S1	80 oct. 470' hill WNW.
Bethany (Conn)	1.3 N;hwy E	680	21 L2 S6	80 oct. No bcn. Lgts prior
Bowles (Agawam, Mass)	2.4 WSW;trk E	190	40 S4	80 oct. P-line S, SSE, NW, W. req.
BRADLEY Tower (Conn)	284(126.18)		CI (ILS-W)	3105,4495; 126.18
(NG) 'Bradley (Windsor Locks, Conn)	2.8 WNW;RR, riv E	171	50h L1 S6	Ltd 73, 100 oct
BRAINARD Tower (Conn)	278 (118.5)		AC	(4); 126.18,122.5,118.5
(NG) [Brainard] (Hartford, Conn)	2.8 SE;riv E	18	48h L5 S6	73, 100 oct. Dike N,E.
Brattleboro-Hinsdale (Hinsdale, N.H.)	2.7 NW;RR W	360	18 S4	80 oct. Landing flares on prior req.
BRIDGEPORT Range (Conn)	221 (WQ)	231°,4.0	MRLW	(4)
BRIDGEPORT Tower (Conn)	269 (118.7)		C	(4); 118.7,122.5,126.18
(P) [Bridgeport] (Conn)	3.5 ESE	9	48h L5 S6	80, 91 oct.
Briggs (Carlisle, N.Y.)	0.6 SE;RR W	1320	12	
← Brookfield (Mass)	1 W;RR SW	680	20 S6	80,91 oct. P-line SW. Rough
Canaan (Conn)	1 N;RR W	680	20 S4	80 oct. Poles WSW;S blkd.
Catskill Valley (Catskill)	1.8 SW	105	24 S3	80 oct. (N.Y.)
Christi (New City, N.Y.)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
Cliff Haven (Accord, N.Y.)	11 W;RR S	260	16 S1	80 oct.
Cooperstown (N.Y.)	1.4 NNW;RR SE	1160	16 L S4	80 oct. Poles S. Port lgts.
County Arpk. (Spring Valley, N.Y.)	1 E;RR S	420	18 S6	80 oct. NNE, NNW blkd Trees SSE. Use strips.
Cozine (Rhinebeck, N.Y.)	0.5 SE;RR W	200	20 S1	87 oct. P-line W.
Croton Arpk. (Peekskill, N.Y.)	4.8 SE;riv SW	280	13	Hill SW.
(P) [Dillant-Hopkins] (Keene, N.H.)	2 S;riv 0.8 W	481	40h L S6	80,91 oct. Flare pots prior
Danbury (Conn)	2.5 SW;RR N	454	44h S6	80 oct. Trees ENE, SSE, WSW. req.
Doane (Essex, Conn)	1.2 SW;RR E,N	30	19 S6	80 oct. Trees N,NW.
Duanesburg (N.Y.)	0.1 S	710	20 S2	80 oct. Bldgs E;trees W.
East Brookfield (Mass)	1 W;hwy N	640	15 S4	No fuel.
East Greenbush (N.Y.)	0.8 NW;RR W	260	43 L S6	80 oct. Port rnwy lgts. P-
East Hampton (N.Y.)	2.5 W;RR S	40	25 S4	80 oct. line N.
(A) Elizabeth (Fisher's Island, N.Y.) (A)	W end Island	7	29h	
Equinox (Manchester, Vt)	1 SE;riv E,N	700	18 S4	80,91 oct.
Fair Haven (Vt.)	1.5 NNW	370	20 S4	80 oct.
Fair View Farm (Williamstown, Mass)	4 SW;riv E	954	17 S1	80 oct. Trees NE,NNE
Farly's (New Baltimore)	3 S;RR W	10	20 S1	80 oct. Trees N. (N.Y.)
* Fort Plain Int, 40A, CV-AZ	3 NNW;RR NE	720	35 L3	(N.Y.)
Freedom Plains (Billings)	2 W;rds N,E	340	11 S1	80 oct. Pwr line S. (N.Y.)
Fulco (Johnstown, N.Y.)	1 SE;hwy S	840	22 S4	80 oct. Data unver.
Gardiner (N.Y.)	0.5 S;riv W	320	25 S2	80 oct. Soft when wet.
Gardner (Mass)	2 SW;hwy N	1020	18 S4	80 oct.
GLENS FALLS MH fac. (N.Y.)	206(GB)(116.1)		MHTV	(4); 116.1
[Glens Falls] (N.Y.)	2.6 NW;rd S	474	36h S6	80 oct.
Glove City (Gloversville, N.Y.)	1.5 NE;RR S	860	17 S1	80 oct.
Great Barrington (Mass)	2 WSW;riv N	726	27 S6	80,91 oct. Obsts sur fld.
Halcott (Halcott City, N.Y.)	1 N		10 S1	80 oct. Data unver.
Hammonasset (Madison)	2 E;hwy N	15	12 S1	80 oct. (Conn)
HARTFORD Range (Conn) (Brainard)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3); 116.1
Hartness (Springfield, Vt)	3.8 NNW;riv E	570	20 S6	80 oct.
Hayduck (Herkimer, N.Y.)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct. P-line E.
Hiller (Barre Plains, Mass)	2 SW;riv W	589	34 S4	80 oct.
Huguenot (Port Jervis, N.Y.)	3.3 NE;RR SE	480	21 S6	80 oct. Trees SW.
Intercity (Schenectady, N.Y.)	3.6 SSE;RR NE	340	20 S4	80 oct.
Island (Shelton, Conn)	1.8 SE;on isl.	8	15 S1	80 oct. Trees SE. Soft.
Jewett (Jonesville, N.Y.)	0.5 NE	340	22 S2	80 oct.
Keene Arpk. (N.H.)	3 NW;RR W	500	21	CLOSED.
Kingston (N.Y.)	1.5 NW;RR S	150	17	CLOSED. P-line NW.
(P) Kingston-Ulster (N.Y.)	2.7 N;RR E	160	30 S4	80,91 oct. P-line E.
Kinsley (Somers, Conn)	2.5 NNW;hwy E	200	19	Emerg. use. Trees W,SW,
Kline-Kill (Ghent, N.Y.)	2 NNW;riv W	380	18	Lgt acft only N blkd ESE.
La Fleur (Northampton)	1.2 ENE;riv N	120	26 S4	80 oct. Riv SW. (Mass)
LEBANON MH Fac. (N.H.)	209(LP)(116.1)		MHT	(4); 116.1 Manned 7-23.
(P) Lebanon (N.H.)	3.3 WSW	579	40h L5 S6	80,91 oct. Lgts prior req.
Lime Ridge (Beekman, N.Y.)	1.3 SE;RR S	420	16 L2 S6	80 oct. All lgts prior req.
Livingston Manor (N.Y.)	0.8 SE;RR SW	1440	19 S3	80 oct.
Long Meadow (Rexford, N.Y.)	1.5 NE;RR N,W	380	20 S1	80 oct. E,NNE blkd. RR S.
Lufbery (Wallingford, Conn)	0.6 WSW;RR E	80	22 S6	80 oct. Trees S.
Mahopac (N.Y.)	1 NNW;lk E	695	20 S4	80, 91 oct.
Margaretville-Fleischmanns (Margaretville, N.Y.)	0.4 SW;riv NW	1310	19 S1	80,91 oct. P-line NE
Matamoras (Pa)	0.5 SSE;jct of rivs N	450	18h L4 S6	80 oct. No bcn. Lgts prior req.
Mattituck (N.Y.)	0.8 ESE;bay S	30	25 S6	80,91 oct. Poles N.
MERIDEN Tower (Conn)	278		CI	3105,4495 (days)
Meriden (Conn)	2.7 SW;RR E	102	35 L3 S6	80 oct. S blkd. P-lines SE.
Metropolitan (Palmer, Mass)	5 N;riv W	400	19 S6	80 oct. Hill N.
Middlebury (Vt)	2.5 SE;hwy W	440	17 S4	80 oct.
Milford (Conn)	1.5 SSW;RR NW	10	20 S1	80 oct.
Miller (Nyack, N.Y.)	1.8 WNW;riv E	70	17 S6	80 oct. P-line SW.
Millerton (N.Y.)	1.5 N;RR W	1000	13 S1	80 oct. Trees N
Monroe (Conn)	0.7 SSE; rd E	620	20 S4	80 oct. Rd W. Trees S.
Montgomery (N.Y.)	1 WSW;riv W	393	22 S6	80 oct. Trees N; brush E.
(A) " U.S. Mil. Acad. #1 (A)	2 SW	355	35h	CLOSED. (N.Y.)
Monticello-Sullivan Co. (N.Y.)	1.4 S;RR E	1500	27 L S4	80,91 oct. Port rnwy lgts.
Newburgh-Walden (Walden)	2.2 SSW;riv W	404	32 S6	80,91 oct. Obsts sur fld
NEW HACKENSACK Range (N.Y.)	236(NX)(116.1)	5°,5.3	SBRAZ-DTV	(4); 116.1 (N.Y.)
(P) New Hackensack (N.Y.)	0.5 W	166	35h	Obsts NE.
[New Haven] (Conn)	3.5 SSE;hwy N	4	42h S6	80, 91 oct.
New Paltz (N.Y.)	0.8 W;RR E	190	20 S1	80 oct.
(P) Orange (Mass)	1.5 SE;hwy SE	555	50h S2	80 oct. Poles NE.
Parlin (Newport, N.H.)	2 NNW;riv SW	780	20 S4	80 oct NNE, ESE, SSW blkd.
← Pilgrim (Hatfield, Mass)	3.4 N;riv 0.5 S	126	22	E,SE,W blkd, Emerg only.
Piseco (N.Y.)	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct. Trees, brush
Pittsfield, 3B, AZ-BW (Mass)	2.4 WSW;hwy NW	1160	27 L3 S4	80,91 oct P-line NW NNE.
Plateau (Northville, N.Y.)	2.5 E;riv ESE	1040	24 S6	80,91 oct. Trees S. Rough.
Post Mills (Thetford, Vt)	4.7 NNW;lk NE	700	25 S2	80 oct.
Prattsville (N.Y.)	1.5 SE; riv W	1200	15 S1	80 oct. Mtns sur fld.
QUABBIN Army H Fac (Westover) (Mass)	317 (D)	59°,8.5	FMHW	(Cont.)
Ramapo Valley (Mahwah, N.J.)	1.2 NW;riv SE	280	19 S1	80 oct.
Randall's (Middletown, N.Y.)	1.8 ESE;RR NW	520	20 S2	80,91 oct.
Ravena (N.Y.)	1.2 N;riv 2 E	180	14 S1	80 oct. Lgt acft only.
RENTSCHLER Tower (Conn)	264 (126.18)		CI	(3); 126.18
Rentschler (East Hartford, Conn)	1 N	45	58h L5 S6	80,91,100 oct P-line SE, SSE.
Rockland (New City, N.Y.)	1 SSE;RR E	240	14	Trees W;hwy E. (NC)
(P) [Rutland] (Vt)	5.8 SSE;crk W	784	40h L3 S6	80 oct. All lgts prior req.
← Sacandaga Park (Northville)	1 SW;RR W	770	13	CLOSED. (N.Y.)
Salem (Conn)	2.1 E;lk NNE	400	21 L S6	80,91 oct Trees S. Port lgts.
(P) Schenectady Co (N.Y.)	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schoharie Co. (Richmondville, N.Y.)	1.3 NE;RR N	1000	16 S1	80 oct Trees E.
Schuylerville, Land & Seaplane Base (N.Y.)	2.5 S;riv E	100	29 S1	80 oct. Trees N, S
Selkirk (N.Y.)	2.7 E;hwy E	160	22	P-line E;trees S.
Silver Ranch (E. Jaffrey, N.H.)	1 E; lk 1 SE	1020	17 S1	80 oct. Trees SE,NW.
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct. Trees SE.
Sky Haven (Delanson, N.Y.)	0.9 NW;RR SE	1100	17 S2	80 oct. ESE,W blkd.
Somers (N.Y.)	0.6 SE;RR E,S	563	20 S4	80 oct.
Southbridge (Mass)	1.7 N	700	27 S1	80 oct. Trees W, N.
Springfield (Mass)	2.3 NE;RR S	205	26 S6	80,91 oct. Bldgs W.
Stanton's Newburgh Cub Port (Newburgh, N.Y.)	5.3 NW;RR S	520	12 S2	80 oct Trees S
Starhaven (Middletown, N.Y.)	1.3 NW;RR N	750	29	Trees SW,SE,NW,RR SW.
← Steenburgh Avia Svc.	1.5 ENE;RR N	900	8	CLOSED. (Gloversville, N.Y.
Stephenson (Bristol, Conn)	1.5 ESE;RR N	240	18 S6	80,91 oct.
Stevens (North Adams, Mass)	2.8 WSW;RR N	690	12	Emerg. use only.
STEWART Army Range (N.Y.)	335 (DMU)	125°,2.5	MRLW	
STEWART Tower (N.Y.)	396 (126.18)		CA	(3); 126.18 (7-23)
(A) Stewart (Newburgh, N.Y.) (A)	4 NW;hwy N	474	60h L5 S6	100 oct. JP-1.
Stone Arabia (Ft. Plains, N.Y.)	3.6 ENE;hwy E	880	18	P-line NNW.
Stormville (N.Y.)	1 ENE;RR S	350	23 S4	80 oct. Trees NE
Suffolk (Westhampton Beach)	3.6 N	90	43 S6	80 oct. Pwr line N. (N.Y.)
Suffolk Co. (Westhampton Beach, N.Y.)	2.6 N	69	50h	
Sussex (N.J.)	1.2 WSW;RR S	420	25 S6	80 oct. 200' knoll NNE.
* Ticonderoga Int, 22, LG-UL	2.7 NNE;rd E	210	32 L3 S1	80 oct. Obsts sur fld. (N.Y.)
Troy (N.Y.)	2 SSE;lk N	325	30 L4 S6	80,91 oct. ENE,W blkd.
Trumbull (Groton, Conn)	2.8 SE;RR W	10	50h S4	80 oct.
Turners Falls (Montague, Mass)	4.2 N;riv NW	350	32 L S6	80,91 oct. Obsts sur fld. Floodlgts prior req.
Twin State (White River Jct, Vt)	1 SW;RR, riv E	540	19h L S6	80,91 oct. Port rnwy lgts on req.
Valley Air Park (Middleburg, N.Y.)	1.5 NNW	635	20 S4	Data unver.
← Vaughan (Johnstown, N.Y.)	1 E;hwy W	760	18	CLOSED.
(A) Wallkill, U.S. Mil. Academy #2 (N.Y.) (A)	3 NW;riv E	340	35h	CLOSED.
Wappingers Falls (N.Y.)	0.9 SE;rd S	152	21 S4	80 oct. P-line E,W,S.
[Warren Co.] (Glens Falls, N.Y.)	2.4 NNE;rd N	325	40h L5 S1	80, 91 oct.
Warwick-Wickham (N.Y.)	4.5 NE;RR W	540	24 S4	80 oct. Ridge N.
Waterbury (Plymouth, Conn)	2.6 S;RR E,W	843	20 S6	80 oct. Trees N, S.
Waterford (Conn)	1.7 N;RR SSE	60	20 S6	80 oct. Trees, hill S.
Watertown (Conn)	2.2 S;lk N	660	19 L S4	80 oct Port rnwy lgts on req.
Westchester (Armonk, N.Y.)	0.5 SSE	380	23 S6	80, 91 oct.
WESTCHESTER CO. Tower	260(118.9)		C	(4); 118.9,122.5 (N.Y.)
(P) Westchester Co. (White Plains, N.Y.)	4 NE;lk W	435	50h L5 S6	80,91 oct P-line SSW
WESTFIELD Range (Barnes) (Mass)	230(WJ)(116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
West Haven (Conn)	2.7 SW;hwy E	15	18 S4	80 oct. Trees NE,W blkd.
WESTOVER Army Range	272 (DOJ)	239°,2.7	BMRAZ	(3)
WESTOVER Tower (Mass)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18 (Appch cont.)
(A) Westover (Chicopee Falls, Mass) (A)	3.8 NNE;riv W	244	73h (L6) S6	73,100 oct. JP-1 Fuel
West Springfield (Mass)	2.2 WNW;riv E	50	18 S1	80 oct.
White (Bedford, N.Y.) (NC)	3.6 SE;hwy E	475	12	
Winchester Arpk. (N.H.)	1.2 N;riv S,W	460	24 S1	80 oct. Riv N
Windham (Conn)	3.5 NNW;RR S	238	44h S1	80 oct. Trees NE,ENE
Wingdale (N.Y.)	1.5 NE;RR W	400	25 S4	80 oct. Rough.
Wurtsboro (N.Y.)	2 NE;RR E,SE	560	31 S6	80 oct. Obsts sur fld.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC/LTR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ·····(0.79) OM- — — (3.38)
				MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ·····(0.72) OM- — — (4.42)
				MMK- 201	OMK- 219
BRADLEY	110.3	335	58°	IM-	MM- · — · (0.66) OM-
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

NEW FACILITIES

Southington (Conn)	3.5 NNE;RR W	200	21 S4	80 oct.
Claremont (N.H.)	1.3 W;riv NE	520	28h S6	80,91 oct.
← South Hadley (Mass)	4 NE	120	15 S4	Fuel. Data unver.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
←→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

ALBANY 55

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓤ USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS

PRESQUE ISLE 18

TICONDEROGA

MIDDLEBURY

POST MILLS

TWIN STATE

On request
GLENS FALLS
206
(116.1)

On request
LEBANON
209
(116.1)

FAIR HAVEN

RUTLAND

PISECO

WARREN CO

GLENS FALLS

HUDSON FALLS

SACANDAGA PARK

CORINTH

MOREAU

PLATEAU

STEENBURGH

BALLSTON SPA

GLOVE CITY

AMSTERDAM

VAUGHAN

LONG MEADOW

SARATOGA SPRINGS

EQUINOX

SCHUYLERVILLE

HAYDUK

FULCO

SCHENECTADY CO

JEWETT

KEENE

DILLANT-HOPKINS

ALBANY
365
(116.1)

BENNINGTON

WINCHESTER

FORT PLAIN

STONE ARABIA

AURIESVILLE

STEVENS

BRATTLEBORO-HINSDALE

SILVER RANCH

SKY HAVEN

BRIGGS

INTERCITY

COLONIE

TROY

VT N H MASS

GARDNER

COOPERSTOWN

SCHOHARIE CO

ALBANY
278 KC 118.3 MC

DUANESBURG

FAIR VIEW FARM

ADAMS

TURNERS FALLS

ORANGE

VALLEY AIRPK

EAST GREENBUSH

SELKIRK

RAVENA

WESTOVER AAF
272

QUABBIN (W)
317

PITTSFIELD

EARLYS

KLINE-KILL

HILLER

WESTOVER AAF
396 (126.18)

E BROOKFIELD

PRATTSVILLE

GREAT BARRINGTON

LaFLEUR

METROPOLITAN

SOUTHBRIDGE

HALCOTT

CATSKILL VALLEY

BARNES

WESTFIELD
230
(116.1)

SPRINGFIELD

MARGARETVILLE-FLEISCHMANNS

W SPRINGFIELD

KINGSTON-ULSTER

COZINE

CANAAN

CONN

BRADLEY
284 KC 126.18 MC

BOWLES

KINSLEY

WOODSTOCK

MILLERTON

AGAWAM

KINGSTON

WALLKILL NO 2

ARLINGTON

SIMSBURY

LIVINGSTON MANOR

AERO LAKE

CLIFF HAVEN

NEW HACKENSACK

SOUTHINGTON

WEATOGUE

RENTSCHLER
254 (126.18)

NEWBURGH WALDEN

GARDINER

NEW PALTZ

FREEDOM PLAINS

STEPHENSON

HARTFORD
329
(116.1)

WINDHAM

STEWART AAF (W)
335

WAPPINGERS FALLS

WINGDALE

LIME RIDGE

WATERBURY

MONTICELLO

MONTGOMERY

WURTSBORO

STANTON'S

STORMVILLE

WATERTOWN

MERIDEN
18

BRAINARD
278 KC 118.5 MC

SALEM

MONTGOMERY NO 1

BETHANY

LUFBERY

MERIDEN
278

WATERFORD

NEW HACKENSACK
236
(116.1)

STARHAVEN

HUGUENOT

RANDALL'S

DANBURY

ANSONIA

MONROE

DOANE

TRUMBULL

MATAMORAS

STEWART AAF
396 (126.18)

MAHOPAC

HAMMONASSET

SOMERS

ISLAND

NEW HAVEN

ELIZABETH AAF

SUSSEX

WARWICK-WICKHAM

CROTON

WEST HAVEN

COUNTY PARK

WESTCHESTER

MILFORD

BRANCHVILLE

CHRISTIE

RAMAPO VALLEY

BRIDGEPORT (W)
221

BRIDGEPORT
269 KC 118.7 MC

NY 3
BA

ALLENTOWN
320

LA GUARDIA
209

MILLER

NEWARK
341

PORT CHESTER

NEW YORK 71

MITCHELL AAF
227

MATTITUCK

EAST HAMPTON

SUFFOLK

SUFFOLK CO

WESTCHESTER CO
260 KC 118.9 MC

TO UTICA

TO ELMIRA

TO WILKES-BARRE

TO LAKE CAREY

TO CONCORD

TO BOSTON

SYRACUSE 53

BOSTON 57

BOSTON 23

BOSTON 263

STATUTE MILES 10 20 30

75° 74° 30' 74° 73° 30' 73° 72° 44° 43° 30' 42° 72° 48' 72° 30' 41°

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Ames (Brocton, Mass)	3 WSW; hwy W	120	20 S6	80 oct SSE, WSW blkd.
Auburn (Mass)	2 SW; RR W, E	700	15 S1	80 oct Lgt acft only
(A)Ayer (Mass)	1.5 NW; riv W	268	52h S4	ARMY TEMP INACT-CIVIL
BEDFORD Army H Fac. (Mass)	522(BED)		MH	Oper cont | FACS.
BEDFORD Tower (Mass)	212(126.18,137.88)		CA	(3); 126.18,137.88
(A)Bedford (Mass)	1 SSW	135	50h L5 S6	80-100 oct. 73,100 oct JP-1
Biddeford (Me)	2 SSW; RR NW	110	22 S2	P-line SE 80 oct | army.
Boire (Nashua, N.H.)	2.8 WNW; RR NE	185	20h L3 S4	80,91 oct Lgts prior req
Bolton (Clinton, Mass)	2.3 NE; RR 1 S	400	27 S6	80 oct Trees around fld | P-line S
BOSTON Range (Mass)(Logan)	263(BW)(116.1)	238°, 1.4	SBRAZ-DTV	(3); 116.1
Boston-Metropolitan(Canton, Mass)	1 W; riv W	50	21 S6	80 oct. Trees NW
Brocton (Mass)	2 S; hwy E	128	22 S6	80 oct. Poles E, W, N
Cape Ann Airways (Essex, Mass)	0.9 NNW; riv E, SE	20	14 S1	80 oct.
Cape Cod (W.Barnstable, Mass)	2.1 SW; lake SW	100	21 S2	80 oct
CHARLESTOWN NAAS Twr (R.I.)	269 (142.74)		CN	3105; 142.74 (0700-1800)
(N)Charlestown NAAS (R.I.) (N)	1.6 SW; hwy N	32	58h (L5) S1	91, 100 oct No bcn
Chatham (Mass)	1.7 WNW; lake E	66	14 S4	80 oct P-line NW
Clark (Hanover, Mass)	2.6 WSW; riv S	74	24 S6	80 oct NE, NNE blkd
CONCORD Range (N.H.)	251 (CN)(116.1)	332°, 1.9	BMRLZ-DTV	(4); 116.1
(P) [Concord] (N.H.)	1.5 E	346	40h L5 S6	80, 91 oct
Conway Valley (Conway, N.H.)	0.6 WNW; RR NNE	460	26 S5	80,91 oct Poles SW
Country Club (Wareham, Mass)	1.3 E; riv S	25	17 S4	80 oct P-line, trees N.(NC)
De Florez (Woodstock, Conn)	2.4 SSE; hwy W	450	19 S4	80 oct Trees N
Douglas (Brunswick, Me)	3.5 W; RR SE	170	16 S2	80 oct
Eastham (Mass)	1.2 NW; hwy E	50	20 S4	80 oct FEE Rnwy data unv Smudge pots prior req
Fitchburg (Mass)	2.5 SE; bet RRs	334	45h S6	80 oct Knolls, dike S
Franklin Airways Inc. (N.H.)	1.5 SSW; riv E	370	20	Emerg use
Franklin-Norfolk (Norfolk, Mass)	2.5 WNW; RR SSE	140	20 S6	80 oct P-line S RR NW
Gate City (Nashua, N.H.)	4 SSE; riv E	120	23 S6	80 oct
(P)Goodall (Sanford, Me)	4 SE; hwy N	243	60h L5 S6	91 oct Lgts prior req
Grafton (North Grafton, Mass)	0.7 SSW; riv N	450	30 S6	80 oct Wooded hill S
GREENE Tower (R.I.)	278 (118.9)		AC	(4); 118.9, 122.5
[Greene] (Providence, R.I.)	7 S; hwy W	53	41h L5 S6	80,91,100 oct P-line W.
GRENIER Army Range (Manchester, N.H.)	338 (DUR)	352°, 4.0	SBMRAZ	(3)
GRENIER Tower (N.H.)	278 (126.18)		CA (ILS)	(3); 126.18
(A)Grenier (Manchester, N.H.)(A)	4 S; RR E	230	70h L5 S6	73, 91, 100 oct
Groton (Mass)	4.6 WNW; RR W	280	28 S6	80 oct
Hampton (N.Hampton, N.H.)	1.6 N; RR W	80	20 L S6	80 oct Port floodlgts on req
Haverhill (Mass)	See Walker Dutton under "New Facilities" - name changed.			
Hilltop (West Buxton, Me)	0.8 WSW; hwy E	300	20 L S4	80 oct Obst & flare lgts on req P-line ESE
Hooksett Land & Seaplane (N.H.)	2 S; riv E	187	32 S6	80 oct
[Hyannis] (Mass)	1.2 N; RR E	56	39h L5 S6	80,91 oct Lgts prior req
Kennebunk (Me)	1.6 SW	50	16 S1	80 oct
King (Taunton, Mass)	4.5 ESE; RR N	45	26 S6	80 oct P-line NNE
(P)Laconia (N.H.)	3.8 NNE; lk 1 NNE	536	36h L5 S6	80,91 oct Lgts prior req
Lafayette (Portsmouth, N.H.)	3 SSW; hwy S	71	23 S1	80 oct Trees sur fld
Lakes Region (Wolfeboro, N.H.)	2.6 W; RR E	580	14	CLOSED
(P) [Lawrence] (Mass)	2.5 ENE; riv W	155	40h L5 S6	80,91 oct Trees NE, SSE
Leicester (Mass)	2 N	1140	15h S4	80 oct Reservoir SE
LOGAN Tower (Mass)	278 (118.7,126.18, 118.1)		AC	(4); 122.5,126.18,118.1, 118.7
(NG) [Logan] (Boston, Mass)	1.5 E in harbor	12	70h (L6) S6	80,91,100 oct Rdo rqrd FEE Ltd 80,100 oct, min. rprs for
Mansfield (Mass)	2 SSE; RR NE	124	25 S2	80 oct P-line NE, NW. | NG
Marlboro (Mass)	2.4 E; hwy N	265	16 S4	80 oct WNW blkd
(N)[Martha's Vineyard](Vineyard Haven, Mass)	4.3 S; hwy S	68	38h L5 S4	80,91 oct TMP INACT NO. NAVY FACS.
Mendon (Mass)	0.3 S; lake W	450	18 S4	80 oct P-line N, NW
Merrymeeting (Bowdoinham, Me)	1 SSE; riv E	60	L4 S1	80 oct Trees SSE, NNW

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Mineral Spgs (Providence, R.I.)	4.6 NW; hwy E	240	11 S4	73 oct. Trees sur fld.
Myricks (Berkley, Mass)	3 E; RR SW	65	20 S6	80 oct. SSW blkd.
[Nantucket] (Mass)	2.6 SE; rd N	47	40h L S6	80 oct Port lgts
Newport Arpk. (R.I.)	3.5 NNE	150	24 S6	80,91 oct. P-line NNE.
(P)New Bedford (Mass)	2.5 NNW; RR W	78	50h L5 S4	80,91 oct. Lgts prior req.
Norwood (Mass)	1.8 E; riv E	55	40h L5 S1	80, 91 oct.
Oak Bluffs (Mass)	0.8 SW; road W	20	20	Avail. emerg. only.
(N)Otis OLF (Falmouth, Mass)(N)	9 NNE	126	70h	INACTIVE.
Plainfield (Conn)	1.5 SSW; RR NW	160	20 S6	73,87 oct.
Plum Island (Newburyport, Mass)	2.3 SE; riv N	15	24 L1 S6	80,91 oct. P-line E.
Plymouth (Mass)	2 SSE	149	25	Data unver.
Plymouth Mun. Arpk (N.H.)	3.5 WNW; riv S	506	18 S2	80 oct. P-line N.
(N)Plymouth OLF (Mass) (N)	4.5 SW	140	28	
PORTLAND Range (Me)	206 (PW)(116.1)	143°, 2.2	BMRLZ-DTV	(4); 116.1
(P) [Portland] (Me)	2 W; riv E	60	43h L5 S6	80,91 oct Lgts on req
(P) [Portsmouth] (N.H.)	3 W	71	50h L5 S6	80,91,100 oct.
Port of Maine (So. Portland, Me)	1.8 SSW; RR E	40	26 S6	80 oct Trees NNW
PROVIDENCE Range (Greene)(R.I.)	347(PR)(116.1)	47°, 3.2	BMRLZ-DTV	(3); 116.1
PROVIDENCE Range (R.I.)	108.7 (PR)		VARW	
Providence (Seekonk, Mass)	2.1 ESE	25	17 S4	80 oct P-line N.
Provincetown Land. Fld (Mass)	2 WNW	5	17 S4	Fuel. Lgt planes only Data
Putnam Int, 14, LG-BW (Conn)	1.7 WSW; RR 1.4 E			ABANDONED. | unver
QUONSET POINT Navy Range (Providence, R.I.)	356 (NCO)	339°, 2.2	BMRLZ	3105; 142.74
QUONSET POINT NAS Tower (R.I.)	227(142.74,126.18)		CN (GCA)	(3); 142.74,140.58,126.18
(N)Quonset Point NAS (Providence)	16.5 S	14	60h L5 S6	91, 100 oct NATS (R.I.)
Revere (Mass)	1 N	20	21h L S6	80,91 oct Fee for port lgts
Richardson (Dracut, Mass)	2 NNW of Lowell	115	21 S4	80 oct. P-line ENE | Data unv
Riconn (Greene, R.I.)	1.8 WNW; RR S	390	20 S6	80 oct. Rnwy data unver.
Riverside Arpk. (Brunswick, Me)	1 WNW; riv E	60	20 S1	80 oct. Trees SSW, NNE.
Riverside (Ashland, N.H.)	4 NNW; riv W	470	20 S4	80 oct.
Scarboro (Me)	2 W; RR SSE	20	25 S2	80 oct.
Shawsheen Pines (Billerica, Mass)	2.7 E; riv W.	110	22h L4 S6	80,91 oct. Trees E, W, NE, SE
Sherman Memorial (Mansfield, Mass)	3 SSW; RR W	130	17 S1	73 oct Trees sur fld P-line
Smithfield (R.I.)	1 NE; RR W	400	17 S6	80 oct. Flares on req | NE
SOUTH WEYMOUTH NAF Tower	3295 (142.74)		CN	(3); 142.74 (8-1630 Mon-Fri)
(N)South Weymouth NAF (Mass) (N)	1.5 SSE; RR W	152	41 L3 S1	100 oct Trees NNE, WSW,
Spencer (Mass)	3.5 NNE	1040	17 S6	80 oct | WNW
SQUANTUM Navy Range (Mass)	233 (NZW)	321°, 3.7	BMRLZ	(3); 142.74 flight opers
SQUANTUM NAS Tower (Mass)	323 (142.74)		CN (GCA)	3105,4495; 142.74 (8-30 min
(N)Squantum NAS (Mass) (N)	4.3 SSE; bay N	10	41h L5 S6	100 oct No | before sunset night flying.
Stonington (Conn)	1 NE; RR S	5	18 S6	80 oct Lgt acft only Rdo
Stover (Freeport, Me)	3.5 NNW	180	11 S1	80 oct. | rprs
Wayside (Sommersworth, N.H.)	2.4 W; hwy E	212	15 S2	80,91 oct ESE blkd
Webster (Nashua, N.H.)	3.8 NNW; riv E	195	25 S6	80,91 oct ENE, NNW blkd
Westboro (Mass)	1.9 WNW; hwy N	310	13 S6	80 oct.
Westerly (R.I.)	2.4 SSE; riv E	81	40h	
Wilkins (No. Attleboro, Mass)	2 NE; lake NW	200	18 S6	80,91 oct P-line NW Trees
Woonsocket (R.I.)	2.5 E; riv WSW	400	20 S2	80 oct | sur fld
[Worcester] (Mass)	3.5 W; hwy N	1009	55h L1	Emerg. use only

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
GRENIER (A)	110.3	332.6	352°	IM- (0.03) MM- ·····(0.71) OM- ——(5.00)
				MMK-201 ·—· OMK-219 ··—
				IM- MM- OM-
				MMK- OMK-

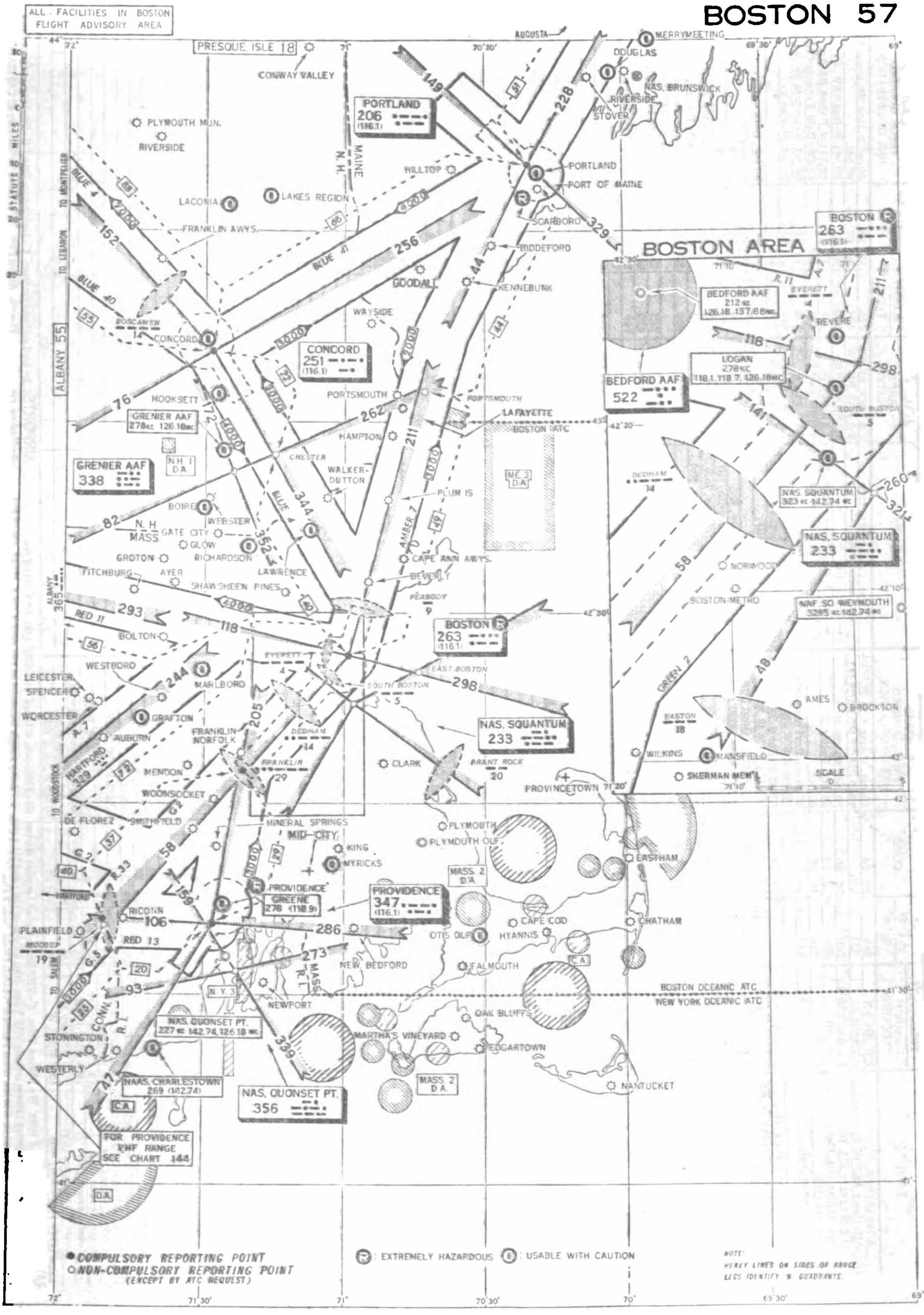
NEW FACILITIES

Beverly (Mass)	3 NW; lake E	108	50h L1 S6	80,91 oct Bcn on req.
(N)Brunswick NAS (Me) (N)	1.5 SE; RR N	77	60h	CLOSED.
Edgartown (Mass)	2 S; rds E, NW	20	30 S4	80 oct P-line E.
Falmouth (Mass)	2.2 NE; hwy SE, E	35	21 S2	80 oct. P-line NNE.
Mid-City (N.Dighton, Mass)	3 S	20	15 S4	Fuel N, S strip 1500. Data unver.
Falmouth Mun (Mass)	6.4 NNE; pond SW	100	20	Emerg only-not main
Walker Dutton (Haverhill, Mass)	2 NNE; lake S	125	16 S6	80 oct. Stack, P-line NW.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.

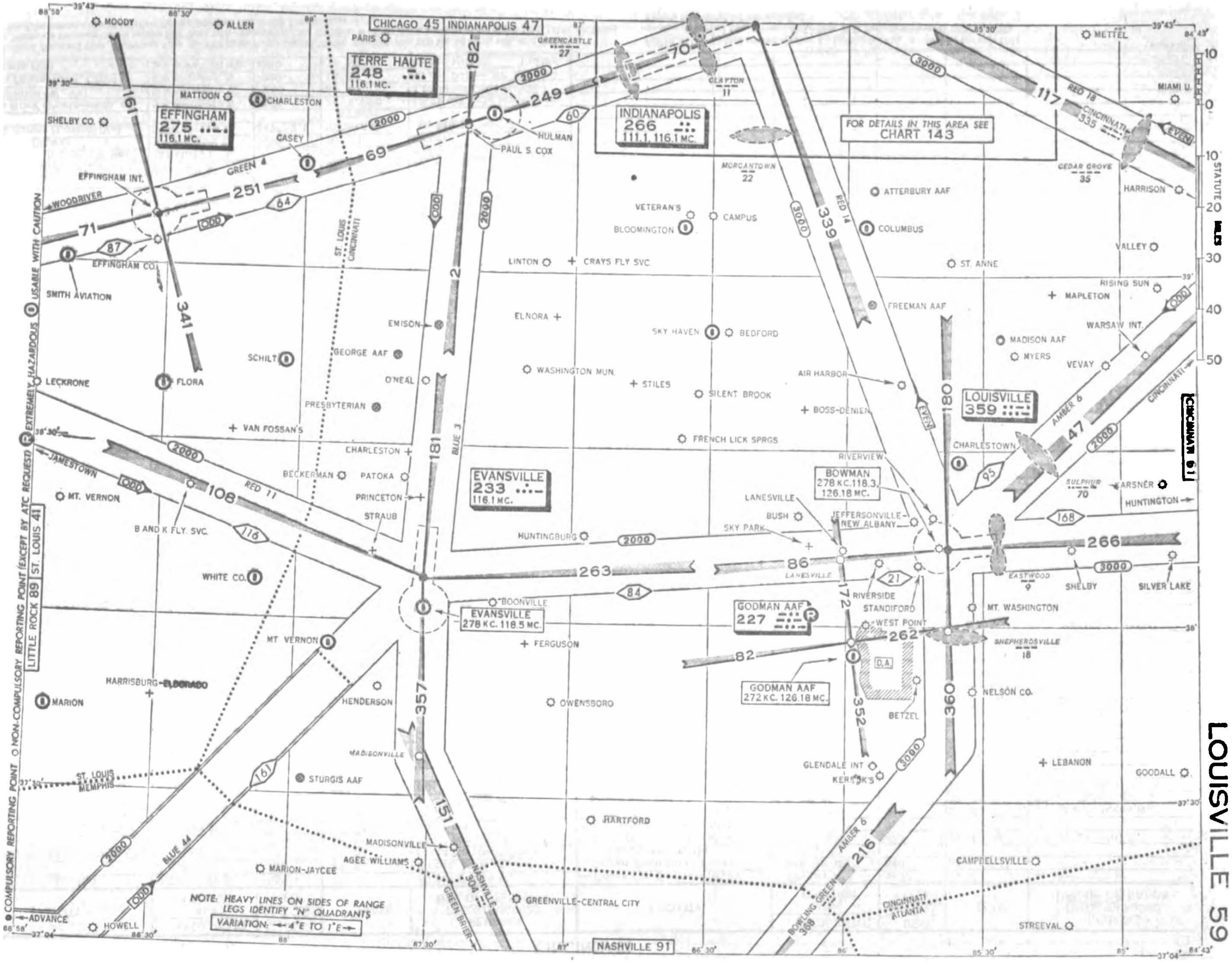
BOSTON 57


ALL - FACILITIES IN BOSTON FLIGHT ADVISORY AREA
PRESQUE ISLE 18
CONWAY VALLEY
AUGUSTA
MERRYMEETING
DOUGLAS
NAS. BRUNSWICK
RIVERSIDE
STOVER
PORTLAND 206 (186.1)
PLYMOUTH MUN.
RIVERSIDE
HILLTOP
PORTLAND
PORT OF MAINE
LACONIA
LAKES REGION
FRANKLIN AWYS.
SCARBORO
BOSTON 263 (116.1)
BOSTON AREA
BIDDEFORD
GOODALL
KENNEBUNK
BEDFORD AAF 212 KC 126.18..137.88MC
EVERETT
REVERE
WAYSIDE
CONCORD 251 (116.1)
CONCORD
BOSCAWEN
LOGAN 278KC 118.1..118.7..126.18MC
BEDFORD AAF 522
HOOKSETT
PORTSMOUTH
LAFAYETTE
BOSTON ARTC
GRENIER AAF 278KC 126.18MC
GRENIER AAF 338
N.H. I D.A.
HAMPTON
CHESTER
WALKER-DUTTON
PLUM IS
ME. 3 D.A.
BOIRE
WEBSTER
N.H. MASS
GATE CITY
GLOW
RICHARDSON
LAWRENCE
CAPE ANN AWYS.
BEVERLY
PEABODY
GROTON
FITCHBURG
AYER
SHAWSHEEN PINES
BOLTON
BOSTON 263 (116.1)
EVERETT
WESTBORO
LEICESTER
SPENCER
MARLBORO
EAST BOSTON
SOUTH BOSTON
WORCESTER
GRAFTON
AUBURN
FRANKLIN NORFOLK
DEDHAM
NAS. SQUANTUM 233
CLARK
BRANT ROCK
MENDON
FRANKLIN
WOONSOCKET
PROVINCETOWN
DE FLOREZ
SMITHFIELD
MINERAL SPRINGS
MID-CITY
PLYMOUTH
PLYMOUTH OLF
KING
MYRICKS
EASTHAM
MASS. 2 D.A.
PROVIDENCE GREENE 278 (118.9)
PROVIDENCE 347 (116.1)
RICONN 106
CAPE COD
CHATHAM
PLAINFIELD
RED 13
OTIS OLF
HYANNIS
NEW BEDFORD
FALMOUTH
C.A.
BOSTON OCEANIC ATC
NEW YORK OCEANIC ATC
NEWPORT
OAK BLUFFS
NAS. QUONSET PT. 227 KC 142.74, 126.18 MC
MARTHA'S VINEYARD
EDGARTOWN
STONINGTON
WESTERLY
NAAS. CHARLESTOWN 269 (142.74)
NAS. QUONSET PT. 356
NANTUCKET
FOR PROVIDENCE VHF RANGE SEE CHART 144
NORWOOD
BOSTON-METRO
NAF SO WEYMOUTH 3285 KC 142.74 MC
AMES
BROCKTON
EASTON 18
WILKINS
MANSFIELD
SHERMAN MEM
SCALE
ALBANY 55
ALBANY 365
10 WOODSTOCK
TO MONTPELIER
TO LEBANON
TO SALEM
HARTFORD 329
HARTFORD
BLUE 4
BLUE 40
BLUE 41
RED 11
RED 13
GREEN 2
AMBER 7
N.H.
MAINE
MASS.
CONN.
R.I.
N.Y. 3
D.A.
C.A.
SOUTH BOSTON 5
BRANT ROCK 20
DEDHAM 14
FRANKLIN 29
PEABODY 9
EVERETT 4
SOUTH BOSTON 5
149
228
329
256
152
118
211
298
141
260
321
58
48
76
172
262
344
352
293
244
205
159
286
273
339
347
82
88
55
14
22
44
51
66
40
56
72
37
33
20
93
23
19
METRO
STATUTE MILES
72°
71°30'
71°
70°30'
70°
69°30'
69°
44°
43°
42°30'
42°20'
42°10'
42°
41°30'
41°
71°10'
70°30'
● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS
B: USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR,8 N	665	20 S6	80 oct. P-line N,E,W blkd.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT NO FACS (A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct. Port rnwy lgts. Trees N,S oft when wet
Boss-Denien (Salem, Ind)	3 WNW;RR NE	730	24 S6	80 oct.P-line S.Trees W.
BOWMAN Tower (Louisville,Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
[Bowman] (Ky)	5.5 ESE	546	44h L5 S6	80,91 oct.No flood lgts.
Bush (Jeffersonville, Ind)	3 NE		20 S2	80 oct. Data unver.
Bush (Ramsey, Ind)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campbellville (Ky)	2 ENE;RR NW	500	18 S4	80 oct.Hills NE,SE.
Campus (Bloomington, Ind)	1.5 ENE;RR S	883	22 S4	80 oct.
Casey (Ill)	1 NW	645	26 S4	80,91 oct. Data unver.
Charleston (Ill)	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req.P-
(P) Columbus (Ind)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct.No line N,E,W.
→EFFINGHAM Range (Int.)(Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1 bcn,no flood.
Effingham Co. Mem'l (Ill)	3.6 S;hwy W	585	30 S6	80 oct [122.1] Lgts on req ←
★ Effingham Int,10,LS-ID (Ill)	2.5 N;RR E	608	26 L3	P-line E,SE.On req.
(A) Emison (Oaktown, Ind)(A)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Range (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3); 116.1
EVANSVILLE Tower (Ind)	278 (118.5)		C	(4); 118.5, 122.5
→ [Evansville] (Ind)	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct.Twr W.Fld lgts on req.No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
Harrison (Ohio)	2 ESE;hwy .5 SW	580	26 L1 S6	80 oct.P-line S.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah , Ky)	4 WNW;RR S	371	20 S6	80 oct.All appchs blkd.
(P) [Hulman] (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3);116.1,122.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct.Poles SW.
Lawrenceburg (Ind)	See Valley under "New Facilities" - name changed.			
Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct.P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Der-
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N.NE rick NW blkd.
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips only.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct. P-line N,NE,Use strips
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct.F-line N,W.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct.Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct.P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct.N,NE,E blkd.
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct.P-line NE;trees N.
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
→Paris (Ill)	3.8 NNW;RR E	740	30 S6	80 oct.P-line S,SW,W.
→Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S6	80,91 oct.P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St.Francisv'l,Ill)
Princeton (Ind)	0.8 E;hwy N	502	18 S2	80 oct.Water tank SW,Wires NW.
Riverside (Louisville, Ky)	7.5 SW;riv W	446	27 S4	80 oct.Hi-line E.
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S6	80 oct. Data unver.
Scottsburg (Ind)	See Air Harbor under "New Facilities" - name changed.			
Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct.Hi-line W,SW.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct. Poles N.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE S. 80'hill W end WSW rnwy.
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80 oct. Bcn twr NE;poles N
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	
Stiles (Shoals, Ind)	1 N	740	22 S2	80 oct. Data unver.
Straub (Cynthiana, Ind)	0.5 NW		13	Data unver.
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	CLOSED.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	80 oct.P-line E,NW,SE.Data unver.
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	26 S1	80 oct.Poles W.
Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct.Tree NE corner.Data unver.
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4.3 NNW	450	30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
NEW FACILITIES				
Agee Wms.Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct.Pwrline W,SW
Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct.P-line NNE,NE,NE
Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct.P-line SW,W,NW SW/
Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE strip
West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct. rough
Crays Fly. Serv.(Bloomfield,Ind)	4 W		18	Data unver.
Sky Park (Corydon,Ind.)	1.5 NW	650	32 S1	80 oct.Wires E.Data unver.
Riverview (Utica, Ind)	2.8 SW;riv S;hwy N	447	27 S6	80 oct.
Lanesville (Ind)	2 SW hwy N	650	17 S4	80 oct.W blkd.
Rising Sun (Ind.)	0.5 N	580	22 S1	80 oct.Wires W.Data unver.
Air Harbor (Scottsburg,Ind.)	1.5 W;hwys N,E	570	25 S4	80 oct.
Valley (Lawrenceburg,Ind.)	1 WSW;riv S	485	20 S4	80 oct.Hills NNE,WNW.
Betzel (Lebanon,Ky)	1.6 NNW;RR E	445	20	Trees N,S
Patoka (Ind)	1.5 W;lake N,E	500	22 S1	80 oct. P-line S,SE
Nelson Co. (Bardstown,Ky)	4.2 W;hwy S	650	21 S6	80 oct.Hedge NW,SSE.
Hartford (Ky)	0.3 S;hwy N	405	25 S2	80 oct.P-line N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.35, 140.55 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CHICAGO 45 INDIANAPOLIS 47
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 111.1, 116.1 MC.
EVANSVILLE 233 116.1 MC.
EVANSVILLE 278 KC. 118.5 MC.
BOWMAN 278 KC. 118.3, 126.18 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
LOUISVILLE 359
FOR DETAILS IN THIS AREA SEE CHART 143
MOODY
ALLEN
PARIS
GREENCASTLE
METTEL
MIAMI U.
MATTOON
CHARLESTON
SHELBY CO.
CASEY
HULMAN
PAUL S. COX
CLAYTON
MORGANTOWN
CEDAR GROVE
HARRISON
CINCINNATI
EFFINGHAM INT.
WOODRIVER
GREEN 4
ATTERBURY AAF
COLUMBUS
VETERAN'S
CAMPUS
BLOOMINGTON
LINTON
CRAYS FLY SVC
ST. ANNE
VALLEY
RISING SUN
MAPLETON
FREEMAN AAF
WARSAW INT.
MADISON AAF
MYERS
VEVAY
SMITH AVIATION
EFFINGHAM CO.
EMISON
SCHILT
GEORGE AAF
ELNORA
SKY HAVEN
BEDFORD
WASHINGTON MUN.
STILES
SILENT BROOK
AIR HARBOR
BOSS-DENIEN
LECKRONE
FLORA
O'NEAL
PRESBYTERIAN
VAN FOSSAN'S
FRENCH LICK SPRGS
CHARLESTOWN
RIVERVIEW
JAMESTOWN
BECKERMAN
PATOKA
PRINCETON
STRAUB
LANESVILLE
BUSH
JEFFERSONVILLE-NEW ALBANY
SULPHUR
HUNTINGTON
MT. VERNON
B AND K FLY. SVC.
HUNTINGBURG
SKY PARK
WHITE CO.
BOONVILLE
RIVERSIDE
STANDIFORD
WEST POINT
MT. WASHINGTON
EASTWOOD
SHELBY
SILVER LAKE
FERGUSON
SHEPHERDSVILLE
MT. VERNON
HARRISBURG-ELDORADO
MARION
HENDERSON
OWENSBORO
BETZEL
NELSON CO.
GLENDALE INT
KERRICK'S
LEBANON
GOODALL
MADISONVILLE
STURGIS AAF
HARTFORD
AGEE WILLIAMS
MARION-JAYCEE
GREENVILLE-CENTRAL CITY
CAMPBELLSVILLE
STREEVAL
ADVANCE
HOWELL
ST. LOUIS
MEMPHIS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 1°E
NASHVILLE 91
LOUISVILLE 59
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
ST. LOUIS 41
LITTLE ROCK 89
STATUTE MILES

CINCINNATI

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy
[Blue Grass](Lexington,Ky.)	6 W;hwy N	978	40h L5 S6	80,91 oct. Data unver.
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW.
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
* Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct.
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1.DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE.	860	29 S6	80 oct. (Ohio) NE blkd.P-line N.
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi.end Rnwy 22(8-1630, Mon.-Fri.or on 30 min.not.
CLINTON CO.Tower (Ohio)	272 (126.18, 137.88)		CA (ILS-W) (GCA)	(3);126.18,137.7
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.JP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;rd W	910	28 S6	80, 91 oct.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct.Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(126.18,118.5,)		AC (ILS)	(4);126,18,118.5,122.5 Call:
(P) [Greater Cincinnati](Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) Kenton Twr.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Harrison (Ohio)	2 ESE;hwy.5 SW	580	26 L1 S6	80 oct.P-line S
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E.80 oct.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26.	Hill W, E (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116.1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford, Ohio)	2 SE;RR 1 W	670	20 S6	80 oct.No sto.P-line N,S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E
Lancaster (Ohio)	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;RR SE	2200	27 L3 S4	80 oct.Poles SW.No sto.(Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) [Lunken](Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	80,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	616	27 S4	80 oct.House NE,bridge NW
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW.
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S.
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4): 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv S	538	24 L3 S6	80,91 oct.Lgtg fac not ver.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE.Rdo re-pairs.
Richlands (Va)	2.7 WSW;RR NW	1950	18 S6	80 oct. Hill E.
Roane Co. (Spencer,W,Va)	1 SE;hwy N	954	18 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;hwy W	2440	33 L1 S6	80, 91 oct. Hill E.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct. Poles N.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct.
Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;hwys E,S	1264	31 L3	Pole NNE.
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski (Ohio)	1 SSW;RR NW	705	22	Trees,hill NE,SW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5 ·–·–·	332.6	320°	IM- (0.05)	MM- ·	OM-
					MMK-	OMK
GRTR. CINCINNATI	109.9 ––·–·	333.8	360°	IM-	MM- ·–·–(0.6)	OM- ––(4.3)
					MMK- 206 ·––·	OMK- 215·–·–
				IM-	MM-	OM-
					MMK-	OMK-

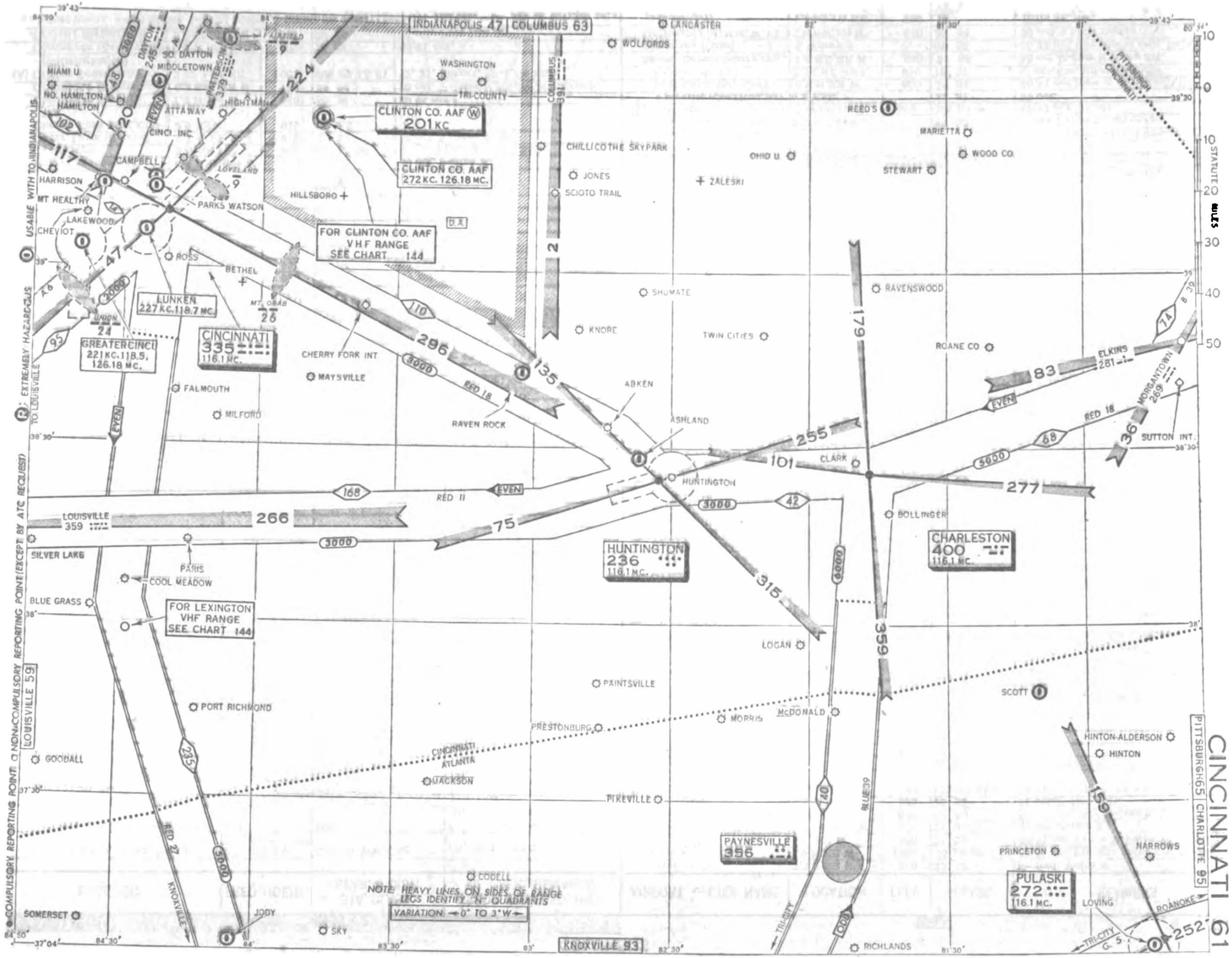
NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.
Port Richmond (Richmond,Ky)	4.6 E;hwy S	975	18 S1	80 oct.
Ross (Melbourne,Ky)	1.4 ESE;riv NE	475	20 S2	80 oct.P-line SE.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin
(P) [Wood](Parkersburg,W.Va.)	7 NE;hwy NE	835	45h L5 S6	80,91,100 oct.Lgts emerg only.
Jackson (Ky)	1.3 SE;riv NE	750	12	Hills SE,NW.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.[illegible] and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →← New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

6-3465-03


INDIANAPOLIS 47 | COLUMBUS 63
CLINTON CO. AAF (W) 201 KC
CLINTON CO. AAF 272 KC. 126.18 MC.
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
LUNKEN 227 KC. 118.7 MC.
CINCINNATI 335 116.1 MC.
GREATER CINCI 221 KC. 118.5, 126.18 MC.
FOR LEXINGTON VHF RANGE SEE CHART 144
HUNTINGTON 236 116.1 MC.
CHARLESTON 400 116.1 MC.
PAYNESVILLE 356
PULASKI 272 116.1 MC.
KNOXVILLE 93
CHARLOTTE 95
PITTSBURGH 65
LOUISVILLE 59
CINCINNATI 61
USABLE WITH TO INDIANAPOLIS
EXTREMELY HAZARDOUS TO LOUISVILLE
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 0° TO 3°W
STATUTE MILES
LANCASTER
WOLFORDS
WASHINGTON
TRI-COUNTY
REEDS
MARIETTA
WOOD CO.
CHILLICOTHE SKYPARK
OHIO U.
JONES
SCIOTO TRAIL
ZALESKI
STEWART
HILLSBORO
SHOUATE
RAVENSWOOD
KNORE
TWIN CITIES
ROANE CO
ELKINS 281
MORGANTOWN 269
SUTTON INT.
MIAMI U.
NO. HAMILTON
HAMILTON
SO. DAYTON
MIDDLETOWN
ATTAWAY
HIGHTMAN
CINCI. INC.
CAMPBELL
LOVELAND
HARRISON
MT. HEALTHY
PARKS WATSON
LAKEWOOD
CHEVIOT
ROSS
BETHEL
MT. ORAB
UNION
CHERRY FORK INT
MAYSVILLE
FALMOUTH
MILFORD
RAVEN ROCK
ABKEN
ASHLAND
HUNTINGTON
CLARK
BOLLINGER
LOUISVILLE 359
SILVER LAKE
PARIS
COOL MEADOW
BLUE GRASS
PORT RICHMOND
GOODALL
SOMERSET
JODY
SKY
COBELL
LOGAN
PAINTSVILLE
MORRIS
McDONALD
PRESTONBURG
CINCINNATI
ATLANTA
JACKSON
PIKEVILLE
SCOTT
HINTON-ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
ROANOKE
TRI-CITY
RICHLANDS
BLUE39
ODS
COLUMBUS 391
PITTSBURGH
CINCINNATI
DAYTON 245
PATTERSON 379
ALFIELD
RED 18
RED 11
RED 27
EVEN
ODD
3000
5000
6000
84°
83°30'
83°
82°30'
82°
81°30'
81°
80°44'
39°43'
39°30'
39°
38°30'
38°
37°30'
37°04'
84°50'
84°30'

COLUMBUS

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CLINTON CO. (Wilmington)	272 (126.18, 137.88)	CA(ILS-W)(GCA)	(3);126 18,137 7
Clinton County (Wilmington) (Army)	201	MHW	0.2 mi. end Rnwy 22,(8-1630, Mon-Fri.or on 30 min notice)
COLUMBUS (Port Columbus NAS)	391 (CO)(116.1)	SBMRAZ-DTV,84°,1.9	(3);116,1
HILLIARD FM	(- - - -)	FM, 273°, 9.8	Columbus
LOCKBOURNE AAB(Columbus)	317 (126.18)+	CA (ILS-W)	(3), 126.18
MT. LIBERTY FM	(-)	FM, 31°, 27.8	Columbus
MT. ORAB FM	(- -)	FM, 116°, 25.5	Cincinnati
NEWARK FM	(. . - -)	FM, 86°,25.0	Columbus
PORT COLUMBUS NAS (Columbus)	278 (118.5) (126.18	AC (ILS)	(4);122.5,118.5,126.18
SUMMIT STATION LFM	(- -)	LFM, 86°, 5.6	Columbus
ZANESVILLE	263 (VL)(116.1)	MHVT	(4), 116.1
CHARLESTON	400 (KN)(116.1)	SBMRAZ-DTV	(4), 116.1
HUNTINGTON	236 (HI)(116.1)	BMRLZ-DTV,75°, 2.3	(4):116.1
PAYNESVILLE	356 (JR)	H	(6-25)Oper by PCA

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)				
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-		OM-	
					MMK-		OMK-	
LOCKBOURNE (A)	109.9		3°	IM- (0.16)	MM- ·····(0.85)		OM-	--(4.29)
					MMK-		OMK-	
PORT COLUMBUS	109.5		95°	IM-	MM- -·-·(0.65)		OM-	--(4.50)
					MMK-		OMK-	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4485, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

KENTUCKY

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Abken (Russell)	2.7 NW,riv N	555	26 S3	80 oct. Data not verified.
Ashland	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Maysville	3.5 NW		26 S2	Fuel. Data not verified.

OHIO

Briggs (Zanesville)	6.4 NNE;riv W	780	18 S2	80 oct. P-line N,E.
Cambridge	2 N;RR 1 W	800	27 L3 S6	80 oct.Hill,trees ESE,SSW.
Cedar Lawn (Kenton)	2.3 S, RR E	975	16 S2	80 oct. P-lines E,SE
★ Cherry Fork Int,4,CC-WA	0.5 NNW	939	39 L3	
Chillicothe Skypark	1.8 N;riv W	640	30 S4	80,91 oct.
→ Clickenger (Columbus)	6.2 SSE,RR E	748	26 S4	80 oct. P-lines N,NE,SW,NW.Rough.
(A) Clinton County AAF (Wilmington)(A)	2 SE,hwy NE	1062	60h R3 L5 S1	73, 91, 100 oct. JP-1. No rng
Commerce (Zanesville)	6.5 N ;riv 1.5 E	800	29 S6	80,91 oct.
Crabill (Springfield)	2.5 SE.RR 1 E	1040	29 S6	80 oct. Pole line S.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)(NC)-Not charted. → NEW OR REVISED DATA

OHIO

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Crooksville	2.3 S,RR NW	760	22 S2	No fuel. Poles N
Grimes (Urbana)	1.5 N,RR W	1055	35 L5 S6	80,91 oct. Fld lgts prior req.P-line E.
Grove City	1 S, RR W	860	21 S6	80,91 oct.Trees E.Poles W. SE,SW.
Jones (Chillicothe)	7.2 SE,RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford)	2 SE;RR 1 W	670	20 S6	80 oct. No sto. P-line N,S.
Lancaster	2.5 E;RR N	830	25 S6	91 oct.P-line E,N.
(A) Lockbourne AAB (Columbus)(A)	11.5 SSE,RR W	744	55h R3 L5 S5	73, 100 oct. JP-1. No range.
Magnolia	0.5 NW,RR SE	970	22 S2	80 oct. Trees W.
Marietta	1.8 ESE,riv S	615	27 S2	80 oct.
Marion	2.5 WNW,RR S	915	28 S4	80 oct.
Newark,2, CO-PG	3.5 SW,RR 1 NW	880	24 L3 S4	80 oct,S blkd.
(P) New Philadelphia	2.5 SE;riv .5 SW	885	36 S6	80 oct. P-line &obst sur fld
→ Norton (Columbus)	6.5 E,RR N	800	22 S4	80, 91 oct. P-line SW.
(P) Ohio State University (Columbus)	8 NNW,riv 2 E	900	22h S4	80, 91 oct. Serv 8:30 a.m.-5:30 p.m. 'til Sept 30. Allway fld 3900'
Ohio Univ. (Athens)	1.5 E,RR S	640	40 L S6	80 oct. Port rnwy lgts
(N) PORT COLUMBUS-NAS → (Columbus)	7 E, RR S	817	50h R3 L6 S6	80,91,100 oct.P-lines NE,E,W
Port Core (Rushsylvania) (NC)	1.6 SSW,RR NW	1275	25 S2	80 oct.N,NE blkd.
→ Price (Columbus)	6 SE;bet RRs	760	22 S6	80,91 oct.P-line S,SE.Use strips.
Raven Rock (Portsmouth)	3.5 WSW;riv SE	538	24 L3 S6	80,91 oct. P-line NW.
Reed's (Watertown)	4.9 W,hwy E,S	820	13 S1	80 oct. Pole line NE. Rdo repairs.
Riverside (Zanesville)	3.4 NNE,RR W	700	40 S6	80 oct. Hill, trees NNE,SSW.
Scioto Trail State Forest (Chillicothe)(NC)	8 SSE,RR NE	640	24	WSW blkd.
Shumate (Jackson)	8 SSE,RR NE	720	20 S1	80 oct.
Springfield	4.2 ESE,hwy E	1050	28 L4 S4	80 oct.No sto.Fld lgts prior req.
→ Sullivant Ave.(Columbus)	6 WSW,RR NW	860	31 S6	80,91 oct. P-lines sur fld.
Tri-Co. (New Holland)	3 ESE,RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis)	1.8 ENE,riv SE	563	30	Trees E. (NC)
Washington (Wash.C.H.)	4.5 ENE;hwy S	910	22 S3	80 oct. Pole line S.
Wolfords (Amanda)(NC)	0.8 E, RR NW	960	13	
Woodsfield (NC)	1 W;hwy E	1220	19	Emerg only.
(P) Wynkoop (Mt.Vernon)	1.4 SSW,RR NW	1050	34 S2	80,91 oct.Pole line E. RR E,NE,W
Zaleski	1 SSW,RR NW	705	22	(NC)Trees,hill NE,SW blocked.
(P) Zanesville	6.2 E;hwy 1 N	902	50h R1 L5	Fld lgts prior req.

WEST VIRGINIA

Bollinger(Charleston)	4.5 SW,riv N	900	21 S4	80 oct.
Clark (Winfield)	5 N St.Albans	600	27 S6	73 oct. No sto. River E.
Morris (Williamson)	5 NNW,RR E	600	12 S1	80 oct. Pole line S.
Princeton	1.7 SW,hwy E	2450	20 S4	80 oct.
Ravenswood	0.6 NNW,RR W	600	23 S1	Ltd 80 oct. Obsts sur fld.
→ Roane Co. (Spencer)	1 SE,hwy N	954	18 S1	80 oct.
(P) Scott (Mt.Hope)(Beckley)	2.6 N;hwy W	2440	33 L1 S6	80, 91 oct. Hill E.
Stewart (Parkersburg)	2.3 NNW,riv W	602	33 S6	80 oct.
(P) WOOD CO.(Parkersburg)	7 NE; hwy E	835	45h L5 S6	80,91,100 oct. Lgts emerg only.

NEW AIRPORTS

Logan (W.Va.)	7.2 NNW,riv E	630	15h S1	80 oct Hill S,N.
Huntington (W.Va.)				See Huntington Arpt, Chesapeake, Ohio
Voss (Lewistown,Ohio)	5 WNW,hwy S		24 S2	80 oct.P-line S.Data unver.
(P) Huntington (Chesapeake)	2 WSW;riv S	560	29h R1 S6	80,91 oct. (Ohio)
Pikeville (Coal Run,Ky)	0.8 ESE		22 S1	80 oct.
Port Lancaster Corp.	0.8 N;RR W	800	28 S1	80,91 oct Hwy W,Hooker,Ohio)
Paintsville,Ky)	2.3 ENE;RR E	630	16 S2	80 oct.Ctn,Mtns NE,W,SW.
Snook (Reynoldsburg,Ohio)	1.4 NE;RR N	980	21 S6	80 oct.P-line E;trees SW.
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips only.Data unver.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	680	25 S1	80 oct. 0.5 NW Taplin
Jackson (Ky)	1.3 SE;riv NE	750	12	Hills SE,NW.
Prestonburg (Ky)	2.7 N;RR W	575	18 S2	80 oct.P-line S.Mtns all sides.

COLUMBUS 63

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
(F): EXTREMELY HAZARDOUS (U): USABLE WITH CAUTION — 10 NAUT. MILES

CLEVELAND 49
CEDAR LAWN
MARION
+VOSS
MT LIBERTY
WYNDOOP
NEW PHILADELPHIA
CLEVELAND CINCINNATI
CLEVELAND PITTSBURGH
COLUMBUS 391
OHIO STATE U
SPRINGFIELD
CRABILL
SPRINGFIELD
SUMMIT
COMBERLE
BRIGGS
CAMBRIDGE
RIVERSIDE
ZANESVILLE 263
ZANESVILLE
GROVE CITY
NORTON
SULLIVANT AVE
NEWARK
PORT LANCASTER
LANCASTER
CROOKSVILLE
LOCKBOURNE AAB
PORT COLUMBUS NAS
WASHINGTON
TRICOUNTY
CLINTON CO. AAF 201
CLINTON CO AAF
FOR CLINTON CO. AAF VHF RANGE SEE CHART 144
CHILLICOTHE SKYPARK
JONES
REED'S
MARIETTA
WOOD CO
OHIO U
STEWART
CHERRY FORK
SHOUATE
RAVENSWOOD
KNORE
RAVEN ROCK
ROANE CO
ABKEN
ASHLAND
HUNTINGTON
CLARK
BOLLINGER
LOGAN
PAINTSVILLE
SCOTT
MORRIS
McDONALDO
WESTONBURG
PAYNESVILLE 356
PRINCETON
CINCINNATI 61

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALLEGHENY CO. Tower (Pa)	278 (126.18, 118.7)		AC	(4); 140.1,122.5,126.18
[Allegheny Co.](Pittsburgh,Pa)	5.3 S;RR NW	1251	57h L6 S6	80-100 oct.No ctc lgts.Rdo rec.rqrd
Allegheny Valley (Tarentum, Pa).	3.2 W;RR W	1125	24 S4	80 oct.
ALTOONA Range (Pa)(Blair Co.)	338(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
→Altoona (Duncansville, Pa)	1 SW;RR E	1050	36 S4	80 oct.
Augusta (Waynesboro, Va)	6 WSW;rivSE	1420	24 S4	80 oct. Pole line SE.
Baker Arpk (Burlington,W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
(P) Benedum (Clarksburg,W.Va)	6 E;RR 1.1 S	1200	38h S6	80, 91 oct. Smudge pots en erg.
→Blair Co., 24A, CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L3 S4	80, 91 oct.
* Buckstown Int,12B,WA-CV (Pa)	1 E;hwy S			ABANDONED.
Buford's (Montvale, Va)	0.5 S;hwy N	1000	33 S6	80 oct. 100' hill E.
CECIL H Fac (Pa)	219 (C)	265°,10.3	FMHW	(Cont.) Pittsburgh
CECIL FM (Pa)	(- - -)	265°, 10.3	FM	Pittsburgh.
(P) Connellsville (Pa)	5.2 SW;hwy E	1250	34h S6	80, 91 oct.
Covington (Va)	1 E;reservoir E	1500	18 S6	80 oct.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
(P) Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct.Mtns SW.Bcn inop.
Elk Garden (W. Va.)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281(EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4); 116.1 P-line NW.
(P) [Elkins] (W.Va)	2.6 S;riv W	1988	45h L5 S4	80,91 oct. Fld lgts on req.
Forman (Terra Alta, W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
FRONT ROYAL Range (Va)	359(FZ)(116.1)		SBMRAZ-DTV	(4); 116.1
→Glendale (W.Va)	0.5 WSW;riv W	640	24 S6	80 oct.Trees N,S P-line S.
GORDONSVILLE Rng (Va)(Int.)	388(GJ)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct. Trees NE,SW.
* Gordonsville Int,51,NA-WA(Va)	5 SSE	438	31 L3	Pole line SW.
GREATER PITTSBURGH Tower	396 (126.18)+		CA	(3); 126.18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW;riv N	1145	55h L5 S4	100 oct.
→Greenbrier (White Sulphur Springs,W. Va.)	2.3 W;hwy N RR S	1795	35h S4	80,91 oct.
(P) Greene Co.(Waynesburg,Pa)	2.7 E	1100	30 S6	80,91 oct.Obst sur fld.
Hamilton (Indiana, Pa)	2.5 E;hwy S	1440	26 S6	80 oct. P-line S.
Harrison City (Pa)	1.1 NW;hwy S	1200	17 S4	80 oct.S,NW blkd.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct. Rnwy data unver.
Herron (New Cumberland,W.Va)	4 NE;lake W	1250	17 S4	80 oct.
Hinton (W.Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Springs, W. Va) (NC)	1 E;riv,RR S	1520	26	Hill W, E.
HOOKSTON FM (Pa)	(- - - -)	308°,32	FM	Pittsburgh.
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Ingalls (Hot Springs, Va)	3 S;hwy W	3780	31 S2	80 oct. Closed winters.
(P) Johnstown (Pa)	4.7 E;hwy N	2282	45h L5 S6	80,91 oct. No flood lgts
Keystone (Ebensburg, Pa)	3 SW;hwy E	2100	23 S4	80 oct. Obst sur fld.
Latrobe (Pa)	2.8 SSW;hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 SE;RR SE	960	26 S6	80,91 oct.SE blkd.
Lewis (Buckhannon, W.Va)	2.4 W;hwy N	1435	18 S4	80 oct.No sto.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
(P) Louis Bennett (Weston,W.Va)	3.2 N;RR E	998	37	Hill S;pole line WNW.
LYNCHBURG Range (Preston	206(LB)(116.1)	165°,1.9	SBRAZ-DTV	(4); 116.1 (Va)
Marlinton (W.Va) Glenn)	1.5 NNE;RR SE	2475	21 S2	80 oct. Hill WNW.
MARTINSBURG Range (W.Va)	209(MR)(116.1)	35°,2.9	SBMRLZ-DTV	(4); 116.1
Mayer (Pittsburgh, Pa)	10 WSW;RR S	900	18 S6	80 oct.House NE,E blkd.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct. Mtns E.
Moorefield (W.Va)	0.8 NE;RR W	980	26 S4	80 oct. Trees WNW.
MORGANTOWN Range (W.Va)	269(MG)(116.1)	173°, 5.6	BMRLZ-DTV	(4); 116.1
(P) Morgantown (W.Va.)	2.2 ENE;hwy NW	1256	36h L3 S6	80,91 oct.
MT. PLEASANT FM (Pa)	(- -)	124°,24.7	FM	Pittsburgh
Narrows (Va)	1 E;RR S	1550	20 S2	Ltd 80 oct.Trees W.
NEW ALEXANDRIA FM (Pa)	(-)	85°, 30	FM	Pittsburgh
New Alexandria (Pa)	1.5 ENE;hwy N	1200	18 S4	80 oct. P-line N.
Orange Co. (Orange, Va)	4 E;hwy S		26 S2	80 oct. Data unver.
* Petersburg Int,29,CC-WA(W. (W. Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct. No sto.
PITTSBURGH Range (Pa) (Allegheny Co.)	254(PT)(116.1)	85°,2.2	SBRAZ-DTV	(3); 116.1
Pittsburgh-Bettis (Pittsburgh)	5 SSE	1250	25h S6	80,91 oct. (Pa)
Pittsburgh-Greensburg (Greensburg, Pa)	2.3 SE;reservoir N	1280	19 L1 S6	80 oct.Twr W.Trees E.
Pitt-Wilkins (Pitcairn,Pa)	1 N	1200	23 S4	80 oct. S blkd.
PRESTON GLENN Tower (Va)	248		C	(4)
(P) [Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80, 91 oct.
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.No sto.P-line SSW
Romney (W.Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE
→Ronceverte (W.Va)	See Boone under "New Facilities" - name changed.			
Salix (Pa)	0.6 S;RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville,Ohio) (NC)	1.5 SSW;riv E	650	25	
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Somerset (Pa)	2 NNE;RR SE	2200	27 S4	80 oct.P-line W.
Star Valley Arpk (Charleroi,Pa)	3 SE;riv E,RR W	765	25 S1	80 oct.Bldg S.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stokes (Front Royal, Va)	2.5 W;riv E	735	19 S2	80 oct. P-line S,E.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct. P-line E.
SUMMERHILL FM (Pa)	(- - - -)	281°, 22	FM	Altoona
* Sutton Int,21,CC-WA (W.Va)	3.6 ENE;hwys E,S	1264	31 L3	Pole NNE.
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
Toronto (Ohio)	1.5 NW;riv E	1050	22 S1	80 oct.Trees SSE.
(P) University of Va.(Charlottesville, Va)	5 ESE;riv E	300	35 S6	80,91 oct. Trees ESE. data unver.
Valley (Waynesboro, Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
Vandergrift (Pa)	2 WNW	1000	24 S1	80 oct.P-line NW,SE,W blkd.
Weirton (Hollidays Cove,W.Va)	1.5 E	1144	16h S6	80 oct. Data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE;riv 2 W	1193	50h L5 S4	80,91 oct. Lgts prior req.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK 201 - - - - (0.80)	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Bedford, (Pa.)	5.2 N jct of hwys	1187	18 S4	Fuel.Data unver.
WHEELING Range (W.VA)	108.3(WN)		VARW	
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct.Mt.S.Trees WSW, N, ENE
New Market-Timberv'l	3.4 E;RR E	975	21 S1	80 oct (Timberville,Va)
Luray (Va)	1.5 S;hwy W	900	19 S1	80 oct.Fence NNE,SSW
Elkton (Va)	3 NW;mtn W	1100	19 S1	80,91 oct P-line SW
Culpeper (Va)	1 SW;quarry W	400	17 S6	80 oct P-line NE,SW
Mt Pleasant-Scottdale (Mt. Pleasant,Pa.)	2.8 S;dam NNE	1160	18 S6	80 oct.Trees SE.
E. Pittsburg (Pa.)	10 ESE;lake SW	1150	21 S6	80 oct.Trees NE
Thompson (Monongahela,Pa)	5 E	1240	20 S2	80 oct.NE,SW blkd.
→Boone (Ronceverte,W.Va)	2 N;hwy SE	2175	19 S6	80 oct.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

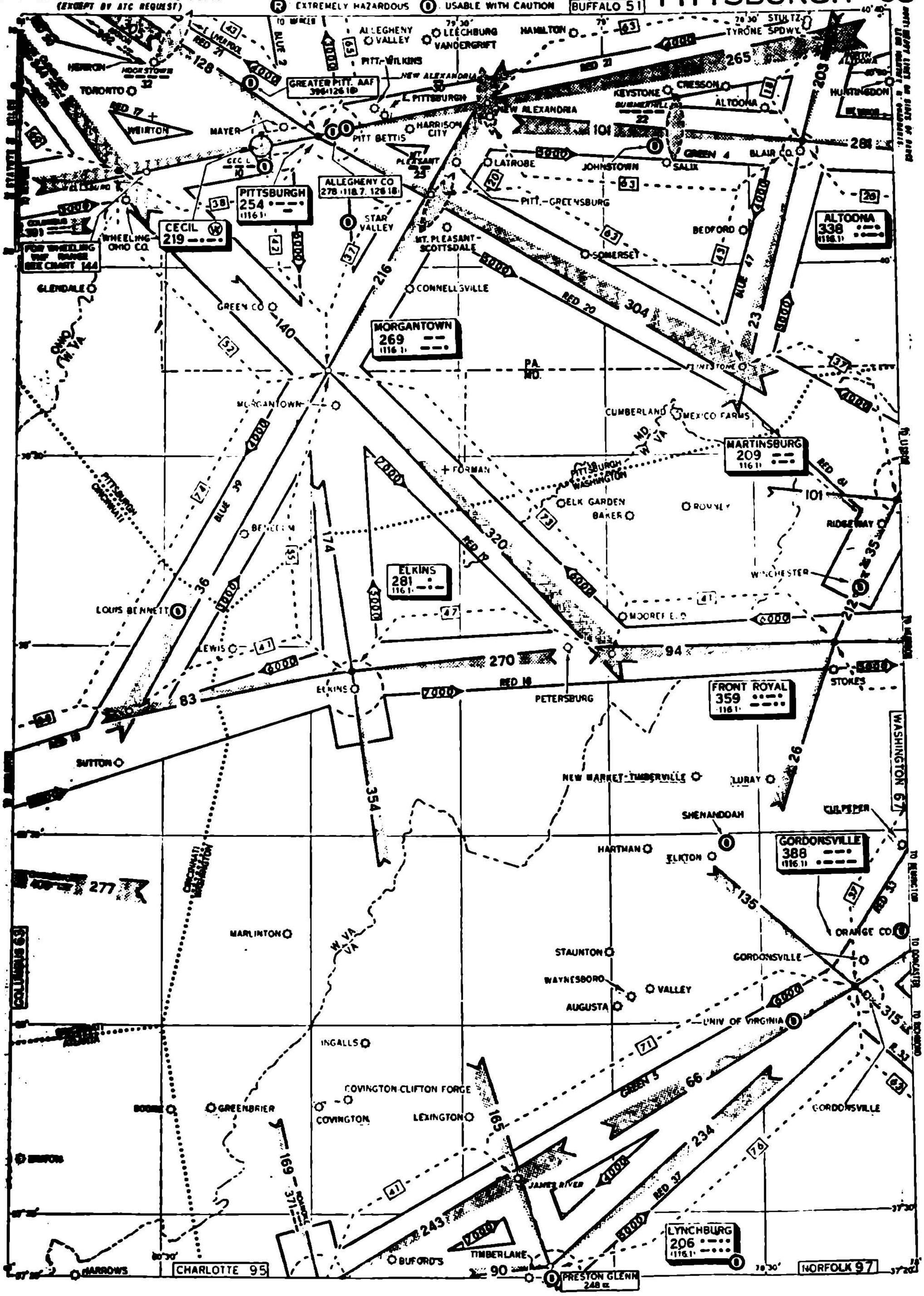
AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) →New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. **Airports are indented and non-capitalized.**

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS Ⓓ USABLE WITH CAUTION

PITTSBURGH 65

BUFFALO 51



WASHINGTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aberdeen Arpk (Md)	0.8 SW;hwy SE	60	24 S4	80 oct.
Aldino (Churchville, Md)	2.2 NE;RR SE	400	20 S6	80 oct.
Alexandria (Pittstown,N.J)	2 WNW;lk NE	340	18 S4	80 oct.Trees ENE.
[Allentown-Bethlehem] (Allentown, Pa)	4.6 NNE;RR NW	392	40h L5 S6	80,91 oct. Use rnwys only. Fld lgts prior req.
ANNAPOLIS NAF (Seaplane) Tower (Md)	2870(142.74)		CN	3105,2870,6420; 142.74 (8-17)
Annapolis (Md)	2 S	25	18 S4	80,91 oct.P-line SSW. Twr
ARCOLA Range (Va)	233(EC)(116.1)		SRAZ-DV	(3); 116.1 SSE.
BALTIMORE Range (Md)	257(BO)(116.1)	15°,2.4	SBMRLZ-DTV	(3); 116.1, 122.1
BALTIMORE Tower (Md)	278(118.9,126.18)		C	(4);118.9,122.5,126.18
(NG) [Baltimore Mun.] (Md)	6 SE;RR NE Harbor S	14	46h L5 S6	Ltd 100 oct,no maint.for NG.Rdo rqrd.Stacks N,SE
Bellanca (New Castle,Del)	1.5 W;hwy N	30	25h L3 S6	80,91 oct.No bndry lgts. P-line SW.
Berks (Reading, Pa)	4.5 NW;hwy SW	360	23 S4	80,91 oct.Hill NW.
Bethlehem-Easton (Easton, Pa)	4.5 SW;riv S	360	27 S6	80 oct,P-line sur fld.
Biggs (New Castle,Del)	1 NW;RR E	60	19 S6	80 oct. P-line NE.
Blackwood (N.J.)	0.5 ESE;hwy W	65	26 S4	80 oct.P-line N. N/S unable emerg.
Blue Ridge (Herndon,Va)	4 WSW;hwy NE	280	30	P-line E.
BRANDYWINE Range (Md)	379(BDW)(116.1)		SMRLZ-DV	(3); 116.1
Bridgeville (Dela)	1.7 SE;hwy S,W	40	22 S6	80 oct. P-line NW.
Buck's (Bridgeton, N.J.)	3.7 NNE;RR SE	100	20 S4	80 oct. P-line S,W.
BYRD Tower (Richmond,Va)	396 (126.18,118.7)		AC (ILS-W)	(4); 122.5,118.7,126.18
(A) [Byrd] (Richmond, Va)	7.3 ESE;RR S	167	50h L5 S4	73, 100 oct.
CAP (Westminster, Md)	2.6 N;hwy E	780	20 S4	80 oct. P-line E,NE.
Cargill(Granville,Pa)	1.5 SW;RR SE	490	20 S6	80 oct. Obsts sur fld.
Carlisle (Pa)	1.8 WSW;RR N	480	23 S6	80 oct.
Centerville (Carlisle, Pa)	11.3 SW;RR N	660	23 S6	Trees N, NE. (NC)
Central (Richmond, Va)	2.5 ENE;RR W	172	45 S6	80 oct.Poles WNW,SE.
Chambersburg (Pa)	1.2 SSE;RR SW	650	22 S6	80 oct.E/W strip rough.
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105, 4495; 142.74 (Va)
CHINCOTEAGUE NAAS Twr	3295 (142.74)		CN	(3); 142.74 (8-17) (Va)
(N) Chincoteague NAAS (Va)(N)	4.5 WNW;hwy S	38	60h L5 S4	100 oct.
Coatesville (Pa)	1.6 W;RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Convair (Allentown, Pa)	3 SSW	399	40h	
Currell's (Weems, Va)	1 N;jct of rivs		17 S1	80 oct.P-line SE.Use strips only. Data unver.
DAHLGREN NAF Tower (Va)	375 (142.74)		CN	(3); 142.74 (8-16 except Sun)
(N) Dahlgren NAF Proving Grounds (Va) (N)	0.5 E	20	40h L5 S2	100 oct. CLOSED.
Davis (Gaithersburg, Md)	7.5 NNE;hwy E	640	26 S6	80,91 oct.Trees ESE.
Delmarvia (Salisbury, Md)	2.8 NE;hwy W	45	21 S6	80 oct.P-line N,E,NE.
Devener (Hanover, Pa)	2 NNE;hwy W	590	20 S6	80,91 oct.
De Vries (Lewes, Del)	1.3 NW;bay N	10	20	
Diffendahl (Baltimore, Md)	11 ESE;riv S	20	23 S2	80 oct. Trees all appchs.
Dixie (Annapolis, Md)	10.7 W;hwy N	120	22 S4	80 oct. Hwy N,W.
Doersom (Gettysburg,Pa)	2.4 NW;RR N	590	19 S6	80 oct. Trees SW,
Dover Arpk (Del)	2.2 N;RR W	37	25 L S6	80,91 oct.Port floodlgts. P-line W, SW.
(A) Dover AAF (Del) (A)	4 SE;hwy E	28	70h L1	TMP INACT.
DUPONT Tower (Del)	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun.)
DuPont (Wilmington, Del)	3 WNW;RR E	185	29 L4 S6	80,91 oct. SW blkd.
(P) Easton (Md)	2.2 N;RR E	66	40h L S6	80,91 oct.Port lgts.
(A) Edgewood Arsenal (Md) (A)	1.3 S	18	50h L5 S4	91,100 oct.CLOSED.No bcn
Emmaus (Pa)	1.3 W	435	19 S2	80 oct. N blkd.
Estler (Mohrsville, Pa)	3.5 W;pond W	390	22 S6	Ltd 80 oct. Trees W.
Faybrook (Rock Hall, Md)	1.5 NNW;bay W	20	14 S1	80 oct. Trees WNW,NNE.
Fogelsville (Pa)	0.7 E;RR SE	460	15 S4	80 oct. ESE.
Frederick City (Frederick)	1.8 E;riv E,N	305	49	(Md)
Gettysburg (Pa)	2.8 NNW	600	24 S3	80 oct. RR SW.
Gill (Chestertown, Md)	1.5 NNE;RR W	60	32 S2	80 oct.P-lines W,SW,NW blkd
Glenburnie-Whipp (Md)	1 E;hwy W	56	30 S6	80 oct. P-lines sur fld.
Greenwich (N.J.)	2.5 W;riv SW	30	21 S6	80 oct. Trees N.
Grimes (Bethel, Pa)	1.7 ENE;hwy S	582	29 S6	80,91 oct.Mtn NE.
Hagerstown (Md)	4.2 N;hwy E	700	39h L3 S6	80,91 oct.Lgts on req.
Harcum (Va) (NC)	0.2 NW	85	40	Poles.Rnwy data unver.
Harrington (Del)	1.5 E;RR 1 S	50	27 S1	80 oct. P-lines SE,SW,W,
Hermitage (Richmond,Va)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles WNW. E, W.
HARRISBURG Range (Pa)	242 (HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG Tower (Pa)	278(118.7)		AC	(4); 118.7, 122.5
(N) [Harrisburg State] (Pa)	3.5 S;RR N	344	40h L5 S4	80,91 oct.Svcg days NATS.
Hershey (Pa)	1.1 NNW;RR S	415	21 S2	80, 91 oct.
Hickman (Ocean City, Md)	7.5 NW;riv S	15	25 S4	80,91 oct. Flares on req.
Holly Brook (Laurel, Del)	1.5 N;RR,hwy W	40	25 S1	80 oct.
Hummel (Hartfield,Va)	3 N	30	21	Obsts sur fld. (NC)
Johnson (Ononcock,Va)	1 ESE;RR E	35	22 S1	80 oct.
Kellam (Weirwood, Va)	0.3 SW;RR E	15	21 S4	80 oct. Trees NW
Kent (Worton, Md)	1 N; RR S	60	23 S2	80 oct.
Kroelinger (Vineland, N.J.)	2.5 NNW;RR E	100	16 S6	80 oct. P-line S, E.
Kutztown (Pa)	1.5 S;RR SE	400	25 S4	73 oct. blkd.
Lancaster (Pa)	1.5 NNW;RR SW	320	28 S6	80,91 oct.ENE,NE,WSW
Lancaster,35,CO-PG (Pa)	5.5 N;hwy W	385	27h L4 S4	80 oct. Poles S, WSW
Laurel (Dela)	1.5 SW;hwy E	30	19 S2	80,91 oct. P-line SE
Layfield (New Hanover,Pa)	2 NE;hwy W	320	17 S6	80 oct. Trees NE.
Lebanon Co.(Myerstown)	1.8 W;hwy S	525	17 S5	80 oct. (Pa)
Lee Annapolis (Annapolis, Md)	4.8 WSW;hwy E	30	28 S1	73,91 oct. P-line ESE Rnwy data unver.
Leesburg Arpk. (Va)	0.7 ESE;hwy S	280	20	P-lines NE.
Lewistown (Pa)	4 SW;riv SE	560	20 S6	80 oct. P-line NW.
Lively Int,6,NW-WA (Va)	3.4 WSW;riv W	15	34 L3	35' trees, bldgs NW.
Lovett (Elkton, Md)	3.1 NNE;RR 1 SE	140	22 S4	80 oct
Madeira (Reading, Pa)	3.2 N;RR W	360	21 S6	80 oct Trees W.
Manassas (Va)	2.7 NW;RR S	250	22 S6	80 oct Obst sur fld
MARTIN Tower (Md)	317		CI	(4) (8-sunset,Mon -Fri)
Martin (Baltimore, Md)	10 E;RR N	18	70h	PRIVATE
(P) Martinsburg (W.Va)	4 S;hwy W	550	50h L5 S6	80, 91, 100 oct.No flood
Mattaponi Sky Club(Croom)	1.6 SE;hwy 1 W	30	31 S1	80 oct. (Md) lgts
(P) Melfa Flight Strip (Va)	1.3 W	48	70h	
Midway (Showell, Md)	1.1 SE;hwys W,S	20	30 L S4	80 oct. P-line SSW.Flare pots on req
Midway (Chester, Va)	2 E;hwy S	178	26 S6	80 oct. P-line W.
Millard (Annville, Pa)	1.5 SW	480	18h S5	80, 91 oct.
MILLVILLE Range (N.J.)	365(NV)(116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville (N.J.)	3.3 SW;lk N	68	50h L5 S6	80,91 oct.Flood lgts on req
(P) Mount Union (Pa)	4 S;hwy E	560	30 S6	80, 91 oct. E blkd.
MT. VERNON H Fac. (Va)	269 (W)	209°,8.2	FMHW	(Cont.) Washington, D C
NEW CASTLE Range (Del)	350 (NC)	19°,2.8	MRLZ	Replies on tower freq. except on req.
NEW CASTLE Tower (Del)	219 (118.5, 126.18)		CI	(4); 118.5, 122.5, 126.18
(NG) New Castle County (New Castle,Del.)	4.8 SW;hwy SE	75	70h L5 S6	80,91 oct.;73,100 oct.NG Emerg.rprs mil.acft
New Hanover (Pa)	0.5 W;hwy SE	300	18 S2	80 oct.
North End (Martinsburg)	2.5 NNE;RR W	515	28 S2	80 oct.P-line S. (W.Va)
Northfield (Richmond, Va)	6.5 N;riv NE	180	18 S4	80 oct.
OLMSTED Tower (Pa)	396 (126.18)+		CA - :45.05	(4); 126.18
(A) Olmsted (Middletown,Pa) (A)	1 W;RR N	300	50h L5 S6	62-100 oct. JP-1.Poles NE,N. Riv S.
Paoli-Malvern Arpk (Malvern, Pa)	1.3 SSE	460	24 S4	80 oct. Trees NE,SE,SW.
Parksley (Va)	0.6 WNW	25	18 S4	80 oct.
Parnell (Richmond, Va)	4 S;RR E,W	120	19 S6	80,91 oct.P-line NW.
PATUXENT RIVER Navy Range (Md)	215(NHK)	57°,4.4	MRLZ-D	(3); 142.74
PATUXENT RIVER NAS Tower (Md)	347 (142.74)		CN (GCA)	(3); 142.74
(N) Patuxent River NAS (Md)	2.9 NE Jarboes	38	97h (L6) S4	91,100 oct. JP-1 NATS.(N)
Penn-Harris(Harrisburg)	4 ESE;RR N	400	18 L S6	80,91 oct Floodlgts.(Pa)
Penns Grove (N.J.)	3 SE;lk ENE	10	23 S4	80 oct. Obsts sur fld.
PHILADELPHIA Range (Southwest) (Pa)	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia Main Line (Paoli, Pa)	2.8 WNW;hwy S	310	21 S4	No fuel. P-line ESE.
PHILLIPS Tower (Md)	215 (126.18)		CA	(3);126 18(8-18,Mon.-Fri) (8-1630,Sat , and Sun)
(A) Phillips (Aberdeen,Md)(A)	3.2 S;RR W	57	50h L5 S1	73,100 oct. CLOSED.
Phoenixville (Pa)	3 NE	300	24 S4	Data unver.
Pimlico (Baltimore,Md)	6 NW	449	32 S6	80, 91 oct. E blkd.
(N) Piney Point (Md)	0.8 WNW	10	14h	Use rnwys only.
Pottstown (Pa)	4.5 E;hwy N	311	30 S6	80 oct. Bldg NW.
QUANTICO Navy Range (Va)	203 (NYG)	20°,4.6	MRLZ	3105,4495 (MCAS)
(A) [Reading] (Pa) (NG)	3 NW;riv E	342	52h L6 S6	80,91 oct.Ltd maint,100 oct Army.
Rehoboth Aircrafters (Rehoboth Beach,Dela)	2.5 W;hwy N	10	35 L S6	80,91 oct.Port lgts on req. P-lines WNW,E,W.
Red Lion (St.Georges,Del)	3.2 N;hwy W	50	19 S4	80 oct.
Reigel (Campbelltown,Pa)	1 N;hwy N	475	20 S4	80 oct.
Reynolds (Culpeper, Va)	4 NNE;rd W	470	19 S4	80 oct.Trees NNE,SSW
RICHMOND Range (Byrd)	260(RW)(116.1)	20°,1.9	SBRAZ-DTV	(3); 116.1 (Va)
Rock Hall (Md)	2.4 NNE;hwy W	30	30 S4	80 oct.
Rutherford (Baltimore,Md)	7 W;RR W	500	23 S6	80 oct. Twr N.
Salem (N.J.)	2 ESE;rd S	15	22	CLOSED.
Salisbury (Md)	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
Schuylkill (Pottsville,Pa)	8.3 ESE;lk SE	510	29 L S6	80 oct.Port rnwy lgts.Hills E, NE, SW.
Seabrook (Bridgeton,N.J.)	4.5 NE;RR W	110	24 S1	80 oct.P-line W, WSW.
Shady Side (Md) (NC)	1.8 SSW	10	15 S4	80 oct SSW blkd
Shannon (Fredericksburg, Va)	1.6 SSE;riv E	50	23 S6	80 oct.
Sky View Acres (Muncy, Pa)	1 E	510	24 S4	Data unver.
Stevens (Frederick, Md)	5.8 N;hwy E	440	28 S6	80 oct. NE blkd.
Stowe-Pottstown (Pottstown, Pa)	1.7 NW	245	26 S6	80 oct. P-line S.
Sunset Airways (Chambersburg, Pa)	3.5 NNE;RR NNW	650	24 S4	80 oct. P-line E,NNW.
Sussex (Frankford,Del)	1.5 N;hwy W	30	20 S4	80 oct.Port flares on req.
(P) Sussex Co.(Georgetown, Del)	1.5 E;RR NW	51	50h L5 S1	80,91 oct.Lgts prior req.
Swatara Valley (Pine Grove, Pa)	4 WSW;RR N	480	21 S4	80 oct.
Taneytown (Md)	2.9 WNW	500	23 S4	80 oct. SW blkd.
Tappahannock Flight Strip (Va)	0.8 W	30	40h	8000' strip avail.
Taylor (New Kingston,Pa)	0.5 SE;hwy N	440	28 S6	80 oct. P-line N.
Valley Arpk (York, Pa)	3 ENE;RR N	420	21 S6	80 oct. Poles SSE,NNW.
Vineland (N.J.)	4.3 SSW;RR 1 E	65	24 S6	80 oct. P-line E. Use center of strips.
WASHINGTON Range (D.C.)	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Waynesboro (Pa)	3 SE;hwy N	700	20h S6	80 oct.
Waynesboro (Va)	3 W;hwy N	1500	26 S1	80 oct.Trees WSW
Webb (Easton, Md)	2.5 E	50	26 S6	80 oct. P-line S,SE.
WEBSTER Tower (Md)	3345 (142.74)		CN	3105;142.74 (24 hrs. advance notice)
(N) Webster (Beachville,Md) (N)	0.8 WSW;riv N, W	21	50h	Trees ENE.
West Chester (Pa)	2.5 NE;lk S	470	32 S4	80 oct.
(P) West Point (Va)	2.3 ESE	24	50h S4	80,91 oct. Riv SSW
Woodstown (N.J.)	3 NW;hwy N	100	22 S4	80 oct. Hedge SSE
Womelsdorf (Pa)	3 NW;hwy E	540	13 S1	73 oct.
York (Pa)	8.3 WSW;RR E	500	19 L S6	73,80 oct.Floodlgts.Pole N
Zieger (Warrenton, Va)	3.7 S;hwy NE	440	20 S4	80 oct. Hill W, NW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC/LTR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
BYRD	109.9			MM- •—•—• (0.90)	OM- — — (4.36)
				MMK-	OMK-
READING	109.5	332.6	1°	MM- •—•—• (0.59)	OM- — — (4.5)
				MMK-	OMK-
				MM-	OM-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Shallcross (Middletown,Del)	1.2 NNW	60	26 S4	80 oct.N,E,S blkd.
READING Tower (Penn)(NC)	281		CA (ILS-W)	No scheduled oper. AAF Reserve & NG Trng.
Pleasant Valley (Arcola,Va)	2.7 ESE	320	20 S2	80 oct.N blkd.
Rockville-Danielsville (Danielsville,Pa)	1.7 E;RR N	720	20 S6	80 oct.Hill N;p-line E.
Oliver (Millville,N.J.)	1.3 NE;rds NW	50	19 S6	80 oct.P-line N.
Bridgeton-Deerfield (Bridgeton,N.J.)	8.5 N;hwy E	125	15 S2	80 oct.P-line E.
Trexlertown (Pa)	0.7 E	430	24 S4	Data unver.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page X111)
→← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

WASHINGTON 67

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓡ EXTREMELY HAZARDOUS

Ⓞ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

HARRISBURG 242 (116.1)

HARRISBURG STATE 278KC 118.7MC

OLMSTED AAF 396 (126.18)

NEW CASTLE CO. 219KC, 118.5, 126.18MC.

DU PONT 389

PHILADELPHIA 266 (116.1)

NEW CASTLE 350

PHILLIPS AAF 215 (126.18)

BALTIMORE 257 (116.1)

BALTIMORE 278 (118.9, 126.18)

MILLVILLE 365 (116.1)

FOR DETAILS IN THIS AREA SEE CHART 69

ARCOLA 233 (116.1)

FRONT ROYAL 359

WASHINGTON 332 (116.1)

MT. VERNON (W) 269

NAF. ANNAPOLIS 287.0 (142.74)

NAS. PATUXENT RIVER 215

NAS. PATUXENT RIVER APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.

MCAS. QUANTICO 203

BRANDYWINE 379 (116.1) Ⓡ

NAF. DAHLGREN 375 (142.74)

NAS. PATUXENT RIVER 347 (142.74)

NAAS. CHINCOTEAGUE 227

NAAS. CHINCOTEAGUE 3295 KC 142.74 MC

RICHMOND 260 (116.1)

BYRD 396 (118.7 126.18)

NORFOLK 97

SYRACUSE 53

NORFOLK 97

STATUTE MILES

LOCATION	FREQ., IDENT.	BEAR. & DIST.	STA. CLASS	FREQS. GUARDED, HRS. OF OPER., REMARKS
ANACOSTIA NAS Tower	306(142.74)		CN	(3);142.74(7-sunset & on req.)
BOLLING Tower	212(126.18; 137.88)+		CA	(3); 126.18,137.88
WASHINGTON Range	332(WA)(116.1)	25°,0.9	SBRAZ-DTXV	(3); 116.1
Washington Nat'l. Tower	278 (126.18; 118.5, 119.1)		AC (ILS-W)	(4);118.5,126.18,122.5 (GCA test basis)
MARYLAND				
ANDREWS Army Range	249(DCA)	10°,1.2	MLZ	
Andrews Tower	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126.18
BELTSVILLE FM	(-)	41°,17.6	FM	Washington, D.C.
DONCASTER FM	(. . - - -)	209°,24.7	FM	Washington, D.C.
PENNSYLVANIA				
BOOTHWYN FM	(- - -)	260°,9.5	FM	Philadelphia
HOLMESBURG LFM	(- - -)	238°,6.5	LFM	NE Philadelphia
JOHNSVILLE Tower	284(142.74)		CN	3105 cont.;4495,6210;116.1, 126.18,140.58,142.74 on req. (8-1/2 hr. past sunset)
MUSTIN NAAF Tower	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset, other hrs. on req.)
PHILADELPHIA SW Range	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
Philadelphia SW Tower	278 (118.1)		C (ILS-W)	(4);118.1,122.5
Philadelphia NE Range	371 (NF)	238°,2.9	MLWZ-DT	
Philadelphia NE Tower	212		CI	(4)
WILLOW GROVE Navy Range	391 (NXX)	241°,3.3	MRLZ	(3); 142.74
Willow Grove NAS Tower	356 (142.74)		CN	(3); 142.74 (days only except on 1 hr's advance notice)
WINGS Tower	278		CI	3105 (8-17)
VIRGINIA				
ALEXANDRIA LFM	(- - -)	209°,2.4	LFM	Washington, D.C.
HERNDON FM	(- - - -)	317°,21.6	FM	Washington, D.C.
MOUNT VERNON H Fac	269 (W)	209°,8.2	FM-HW	(Cont.) Washington,D.C.
MOUNT VERNON FM	(. . - - -)	209°,8.2	FM	Washington, D.C.
QUANTICO Navy Range	203 (NYQ)	20°, 4.6	MRLZ	3105, 4495
Quantico MCAS Tower	329 (142.74)		CN	(3); 142.74
WEST VIRGINIA				
BRANDYWINE Range (Md.)	379(ADW)(116.1)		SBMRLZ-DV	(3);116.1

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & FREQUENCY (F)	(US COMPASS LOCATORS)
ANDREWS (A) (L6)	110.3	335	10°	IM- (0.06)	MM- (1.20) OM-
					MMR-379 OMK
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66) OM- (5.65)
					MMK- OMK-230
WASHINGTON	109.9	333.8	360°	IM- (0.03)	MM- OM- (3.60)
					MMK- OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

DIST. OF COLUMBIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Anacostia NAS (Washington) (N)	2.4 SE of Monument	10	50h R1 L5 S6	100 oct. No bcn
(A) Bolling (Washington) (A)	3 SSE of Monument;riv W	20	60h R1 L5 S6	80,91,100 oct. JP-1 E blkd.
(A,N) WASHINGTON NATIONAL	2 S Monument	17	69h R3 L6 S2	80,91,100 oct. JP-1 on req. FOREIGN CLEAR. STN. Rdo reqr. NATS

MARYLAND

(A) Andrews (Camp Springs)(A)	1.5 E hwys N,W;	279	55h R3 (L6) S6	80,91,100 oct. JP-1
(N) Beltsville OLF (N)	5 ESE NE	180	44h	
Capital (Berwyn)	2 NW; RR E	70	20	NOT MAINTAINED.
College Park	8.5 NE of D.C.	50	22 S6	80,91 oct. S,NW blkd. RR NW
Columbia Air Ctr. (Croom)	3 E;riv E	40	33 S6	80,91 oct, Trees N,NW.
Congressional (Rockville)	2 SSE; hwy E	450	33 S6	80 oct. Pole line E, NE. Allway
Curtis (Brandywine)(NC)	3 SSW; RR E	200	18	Pole line N, W. fld.
Erco (Riverdale)	0.4 NE; RR W	50	15h S2	80 oct. Closed. 2800' rnwy avail
(A) Fort Meade (A)	0.5 NE ctr of reservation	180	19h S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

MARYLAND

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Hyde (Clinton)	2 WSW	249	32h L S6	80, 91 oct. Port flood lgts on req.
Maryland (Pomonkey)	0.2 S; RR S	170	32 S6	80,91 oct. SSE blkd.
Queens Chapel (Hyattsville)	1.5 W; hwy NE	34	19 S6	80 oct. NE blkd. P-line SE.
Schrom (Greenbelt)	0.3 SW; hwy W	177	50h L S6	80,91 oct. Floodlgts on req. SSE-blkd.

NEW JERSEY

Almonesson (Blackwood)	1.9 NW;RR E	50	21 S6	80 oct. Obst sur fld. NE, SSE.
Bridgeport	0.8 ESE; RR N	23	18 S4	80 oct.
Burlington Airpark	1.7 ENE;hwy NNW	30	24 S4	80,91 oct. P-line E,SSE,NNW
Central (Camden)	1.8 E;riv S,W	20	25h L4 S5	80,91 oct.
Echelon (Ashland)	0.5 SE; RR W	100	27 S6	80, 91 oct. Pole line NW.
→ Marlton-Medford Inc.(Marlton)	1.5 ENE	80	30 S2	80 oct.
Mercer County, new (Trenton)	5 NW; RR SE	211	40h	
Mercer County, old (Trenton)	5.8 NW; RR E	200	25 S1	73, 80, 91 oct.
Merrill (Barrington)	1 ESE; RR E	70	35 S6	80 oct. No sto. Obsts sur fld.
Moorestown	1 NNE; RR S	70	18 L S4	80,91 oct. Port rnwy lgts on req.
Pitman	1.6 NNW;RR E	100	19 S6	80 oct. P-line SE,SSW.
Triangle (Glassboro)	4.3 ENE	150	18 S2	80 oct. Pole line SW.

PENNSYLVANIA

Benedict (Chester)	6.5 W	400	26 S2	80 oct. Data unver.
Boulevard (Philadelphia)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Buckman (Chester)	2.3 WSW;RR NW	90	20 S4	80 oct. No sto.
Budd (Philadelphia)	13 NE;RR N	240	44h	Trees E,W.
Doylestown	1.5 NNE;RR SW	400	22 S6	80 oct.
Gloster (Montgomeryville)	0.7 SE;hwy W	460	22 S1	80 oct. Pole line SE,S,W.
Grants (Quakertown)	4 WNW;hwy E	600	18 S6	80 oct.
(N) Johnsville (N)	0.5 N;RR E	366	46h R1 L5 S1	91,100 oct. P-line W,NW.
Kaiser (Bristol)	2 N; riv SE	35	38h	Pole line SW. RESTRICTED.
Lansdale	1.6 ESE	450	29 S6	80,91 oct. P-line N,NE,E,S,W.
Morrisville	1.6 W; riv E	180	24 S6	80 oct. P-line NE,E,SE,SW,W,NW.
(N) Mustin NAAS (Philadelphia) (N)	4 S; riv S	16	48h R1 L5 S6	100 oct. Obst sur fld.
Old Star (Langhorne)	2.4 E; RR N	180	24 S5	80 oct. No sto. Poles N, S.
Patco (Norristown)	2.5 SE;bet RRs	200	19 S6	80,90 oct. No sto.
Perkiomen (Collegeville)	1.5 NE;rds NE	280	32 S6	80 oct. P-line N,NE,E,SE.
(P) Philadelphia Northeast	12.2 NE;riv 1.5 SE	105	50h R2 L5 S6	80,91 oct. No flood lgts.
→ PHILADELPHIA SOUTHWEST	6.5 S,W;riv SW,S	10	54h R3 L6 S6	80,91 oct. Rdo rec rqrd.
Quakertown	2 W; hwy E	520	21 S4	80 oct. No sto.
Somerton (Philadelphia)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Valley Forge (Norristown)	4 WNW;riv NW	250	24 S6	80 oct. Riv SE.
(N) Willow Grove NAS (N) NATS	4 NNW;hwy E	369	40h R2 L5 S4	91,100 oct. No sto.
Wings (Ambler)	3 WSW;rds E,W	350	25 R1 S6	80,91 oct. Trees N,S.

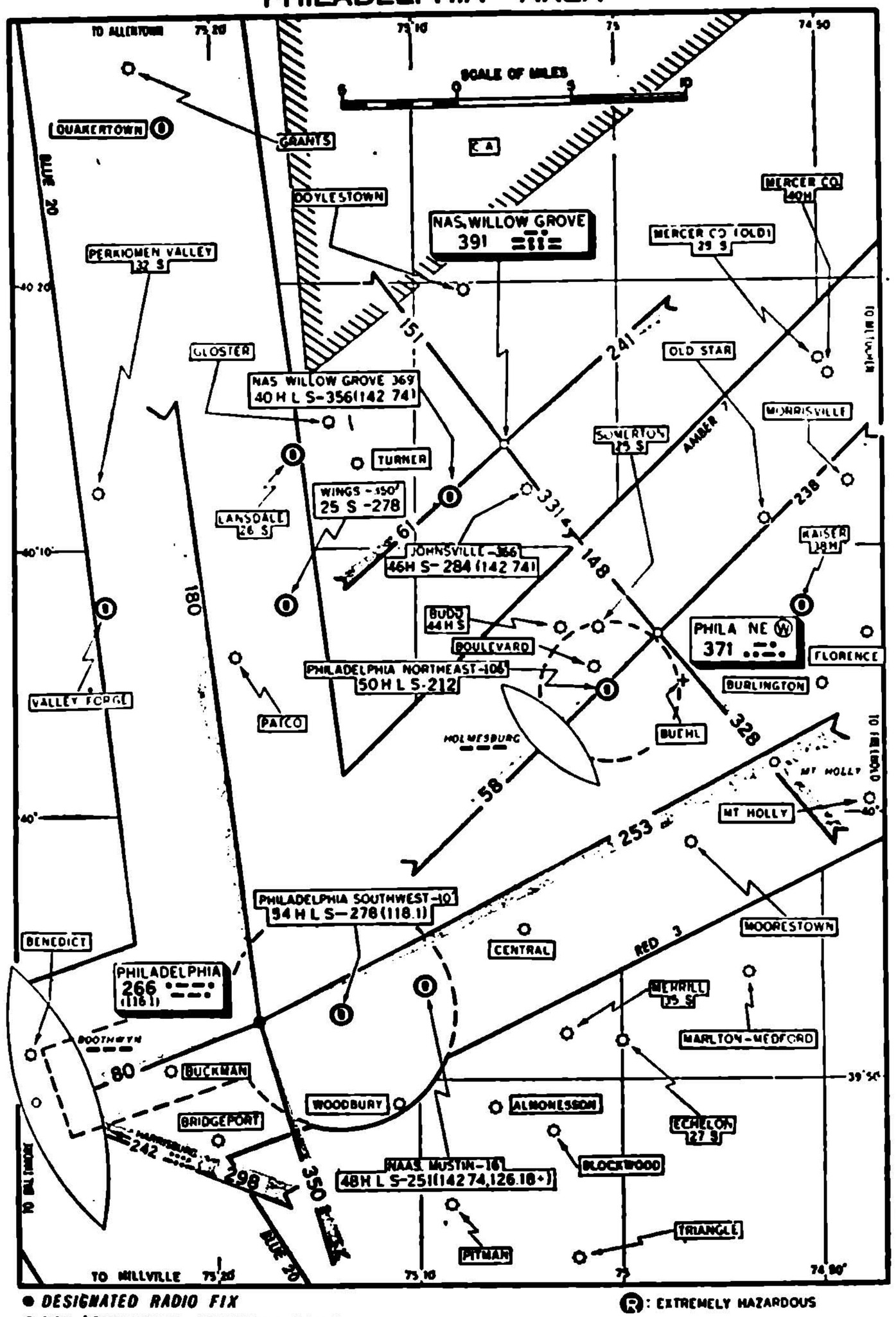
VIRGINIA

Beacon (Alexandria)	3 SSW;hwy E	246	27 L4 S6	80,91 oct. P-line SE,S,SW,NW blkd.
→ Crossroads (Alexandria)	4.5 NW;hwy NE	250	27	Bcn;flood lgts prior req.
Falls Church	2 SW;hwy N	350	25 S4	80 oct. E,W blkd.
Hybla Valley (Alexandria)	See Alexandria under "New Airports" - name changed.			
(N) Quantico MCAS (N)	1.2 SSW;RR W	10	42h R2 L5 S6	73,91,100 oct.
Springfield (Annandale)	3.5 SSE;RR E,N	240	20 S4	80 oct. No sto. Obsts sur fld.

NEW AIRPORTS

Woodbury (N.J.)	1.8 SSW;RR N	50	21 S4	80 oct.
Alexandria, (Va.)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees, pole lines sur field.
Turner (Lansdale, Pa.)	4.2 ESE	375	19 S6	80 oct.
Worth (Florence, N.J.)	1 SE;riv N	50	24 S4	80 oct. P-line WSW,NW. Trees S.
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct. Use strips only.

PHILADELPHIA AREA



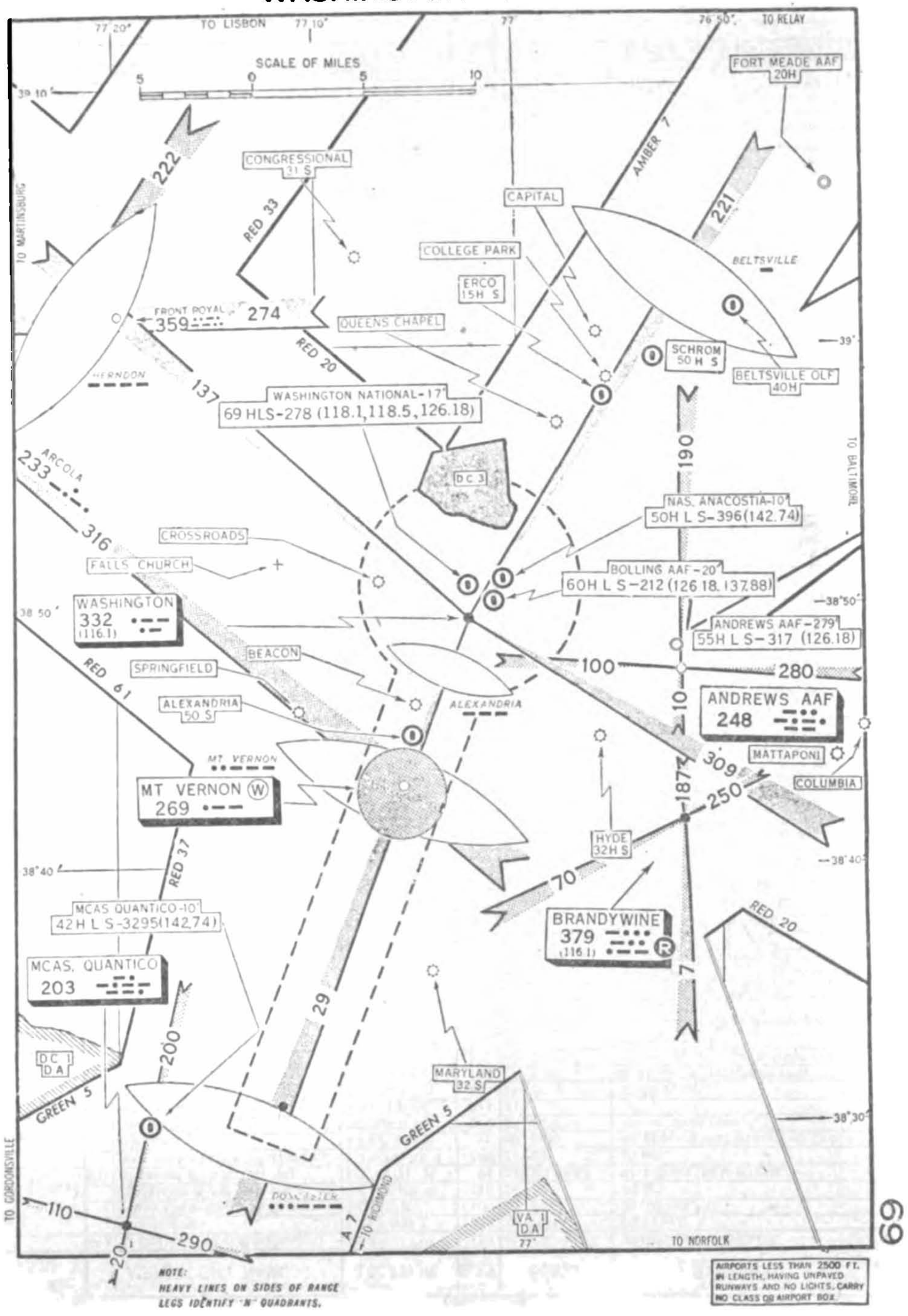
● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓡ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

WASHINGTON AREA



RADIO

NEW JERSEY

LOCATION	FREQ., IDENT.	STA CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
~~ASBURY PARK FM~~	(-)	FM, 62°, 20	Lakehurst NAS.
~~ATLANTIC CITY NAS~~	275(142.74)	CN(GCA)	(3): 142.74 (8-sunset)
~~CALDWELL-WRIGHT~~	260(126.18)	CI	(4);126.18,122.5 (830-sunset, Mon-Sat,9-sunset Sun)
CASSVILLE FM (Navy)	(- - - -)	FM,337°,3.25	Lakehurst NAS
ELIZABETH LFM	(- - -)	LFM, 238°, 1.4	Newark
FORKED RIVER FM. (Navy)	(- -)	FM, 157°, 15	Lakehurst NAS
FREEHOLD FM	(- . - . -)	FM, 222°, 47.5	La Guardia, N.Y.
LAKEHURST (Navy)	520 (NEL)	MRLZ	3195 (4495 on req)
Lakehurst NAS	3295 (142.74)	CN; 157°, 0.7	(3); 142.74
LEBANON FM	(- -)	FM, 110°, 32	Allentown, Pa.
MATAWAN	108.7 (MW)	VARW	
METUCHEN FM	(. . - - -)	FM, 238°, 13	Newark
NEWARK	341 (NK)(116.1)	SBRAZ-DTV158°,1.0	(3): 116.1
Newark Airport	278(126.18,118.3)	AC(ILS-W)	(4); 122.5,126.18,118.3
TETERBORO (Bendix)	326	CI	3105,6210,3117.5;122.5

NEW YORK

CLASON POINT LFM			DECOMMISSIONED
FLATBUSH	353 (F)	FMHW;222°,16.1	(Cont.) La Guardia
FLATBUSH FM	(- - -)	FM, 222°,16.1	La Guardia
FLOYD BENNETT (New York)	379 (FB)	SMRLZ-DT	(3)
Floyd Bennett Fld NAS	388(142.74)	CN(GCA);122°,1.9	(3);142.74 (8-17)
Floyd Bennett Fld NAS (NC)	532(NSC)	MHW; 122°,0.15	(8-17 on req.) (Floyd Bennett)
GRUMMAN (Bethpage,L.I.)	323	CI	(7-2359 Mon-Sat)
IDLEWILD	248 (NY)	SMRLW, 72°,2.3	
LA GUARDIA (New York)	209(LG)(116.1)	SBRAZ-DTXV;222°,3.2	(3);116.1
La Guardia Field	362(126.18 ,118.1,118.7	AC (ILS-W)	(4);126.18,118.1,118.7,122.5, & airline freqs.
MacARTHUR FIELD (Islip)	278	CI	3105 (9-17 weekdays)
MITCHEL (Hempstead)(Army)	227 (DWM)	SBMRAZ-DT;301°,3.2	(3)
Mitchel Field	396(126.18)	CA(ILS-W)(GCA)	(3);126.18(approach control)
NEW YORK (La Guardia)			DECOMMISSIONED
NEW ROCHELLE FM	(-)	FM, 42°, 5.6	La Guardia
NEW ROCHELLE	275 (R)	FMHW;42°,5.6	(Cont.) La Guardia
PORT CHESTER FM	(- -)	FM: 42°, 16.5	La Guardia
REPUBLIC FIELD(Farmingdale)	371	CI	(3) (days only)
ROCKAWAY PARK LFM	(- -)	LFM, 122°, 5.0	Floyd Bennett

PENNSYLVANIA

PHILADELPHIA NORTHEAST	371 (NE)	MLWZ-DT;238°,2.9

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs.)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LA GUARDIA	109.9	333.8	44°	IM-	MM- ·-·-· (0.81)	OM-	--(4.49)
					MMA-233 ---	OMK 317 -·-·	
MITCHEL(L6)(A)	110.3	335	301°	IM- (0.04)	MM- ·····(0.87)	OM-	--(4.14)
					MMK-257 -·-	OMK-272 ---·	
NEWARK (L6)	110.3	335	58°	IM-	MM- ---· (0.61)	OM-	-- (4.64)
					MMK-261 ·---·	OMK-	

S Simul Range and Voice, W Without Voice, Z VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. ‡—Army A C S transmits on and guards 116 1, 137 88, 140 58 mcs.

AIRPORTS

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Acft.Radio Corporation(Boonton)	2.6 N;riv S	550	32	Poles N,E.PRIVATE
Asbury Park Inc (N.J.)	3.3 NW;hwy SE	60	22 S6	80 oct,P-line NW.Trees SE.
Asbury Park Air Terminal	4.5 W;rd N	100	24 S2	80 oct. 125' tank E.
Atlantic City	1.3 WSW;RR N	11	31 S2	80,91 oct.Ltd sto.350' tank E,lgtd.
(N) Atlantic City NAS (N)	10 NW;RR NE	70	50h R1 L5 S4	80,100 oct Lgts prior req.
Caldwell-Wright	2.4 N;riv N	175	47h R1 L1 S1	Rest'd to factory operations.
(CG) Cape May CGAS (CG)	2.5 ENE	13	35h	CLOSED.
Cavoli's (Richland)	1.5 W;RR N	100	20 S6	80 oct. Pole line NNE.Trees WNW
Clarke (Ocean City)	2.8 SW;RR SE	8	23	
Coyle (Chatsworth) (NC)	6 ESE;hwy NE	190	18	Emerg only.
Downstown (Landisville)	1.8 WNW;RR S	120	25 S6	80,91 oct,Obst sur fld.
East Hanover	1 N	170	15 S2	80 oct. Pole line W.
Forked River	1 ESE;riv S	12	18 S4	80 oct.
Trenton-Robbinsville (Robbinsv'l)	1 ESE;rd N	115	40 L4 S6	80,91 oct.No bcn.N blkd.(N,J.)
Brown (Pillstown,N.J.)	1.5 SW;RR NE	540	40 S1	80 oct.PRIVATE.Emerg only.S,N blkd.
Mahalchik (Columbus,N.J)	2.8 S;hwy W	60	20	Unusable in wet weather.
Mid-Jersey(New Brunswick,N.J)	3 WSW;hwy SE	120	18	Emerg. use only.P-line SE.
Forsgate Arpk(Jamesburg,N.J)	1.6 SW;RR E	150	24 S6	80,91 oct.P-line N,NE,SW,Twr N end.
CALCO STACK H Fac (N.J.)	347 (V)		MHW, 58°,3.7	
LINDEN H Fac (N.J.)	359 (Q)		MHW238°, 5.0	

NEW JERSEY

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Ft. Dix AAB (Wrightstown)(A)	1 SE	120	81h	TMP INACT.NO FACS.
Hackettstown	2 SSW;riv E	560	30 S4	80,91 oct.
Hadley (New Brunswick)	4 N;RR N	100	27 S6	80,91 oct.
Hightstown & Air Service	1.3 SW;RR W	110	19 S6	80 oct.
(N) Lakehurst NAS (LTA) (N)	1 NNW;riv N	94	38h R2 L5 S6	91,100 oct. Lgts on req.
Lake Susquehanna (Blairstown)	2.3 WSW;RR S	380	28 S6	80 oct.
Lakewood	2.8 SE;hwy N	32	26 L S4	80,91 oct.Flood lgts on req.Trees W.
Lincoln Park	1.5 N;RR W	180	23 S1	80 oct. Pole line N, SE.
Mercer Co. (Trenton)(new)	5 NW;RR SE	211	41h	
Mercer Co. (Trenton)(old)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Monmouth Co. (Belmar)	5.5 W;hwy E	180	35 L S6	80,91 oct.Flood lgts on req.
Morristown	3 E;RR N	187	40h L5 S4	80 oct. No sto. Lgts prior req.
Murchio (Paterson)	1.5 WNW;rd N	350	32 S4	80 oct. Trees N.
(A) NEWARK	3.5 SSE;RR E	18	79h R3 (L6) S6	80,91,100 oct.JP-1.2-way rdo rqrd. FEE
North Brunswick(New Brunswick)	2 SW;RR E	120	25 S2	No fuel.Poles ENE,ESE.
Northwest Jersey (Clinton)	3.6 W;RR S	380	22 S4	80 oct.Poles N,S. P-line N,WSW.
Ocean Co. (Brenton Wood)	1.5 SE;crk S	18	29 L S6	80,91 oct. Port flood lgts on req.
Pennington	2 ESE;hwy S,E	230	24 S4	80 oct.P-line ESE,SSE.
Princeton(Rocky Hill)	1 W riv E	160	19 S1	80 oct,P-line ENE,SSE.
Red Bank	1 S;hwy E	80	26 S6	80,91 oct. P-line W,S,N.
Shinn-Woodbridge (Woodbridge)	3.9 NW;RR E	120	21 L S4	73,80 oct.Pole line SE.
Smith C.H. (Cape May)	2.2 NE;hwy NW	20	19 S2	80 oct,P-line E,NW.
Solberg-Hunterdon (Readington)	1 NNW;rd E	200	45 L S6	80,91 oct. Port lgts on req.
Somerset (Somerville)	4.6 NW;RR SE	105	20 S5	80,91 oct, Trees W.
Somerset Hills (Basking Ridge)	1.6 SE;RR S	250	24 S6	80 oct. Pole line W. Rdo rcvr rqrd.
(P) Teterboro-Air Term.(Bendix)	0.5 SW;RR NW	5	30h R1 L5 S6	80,91 oct.No bndry lgts.Rnwy lgts on req.Rnwy data unver
Trenton (NC)	6 NE;hwy NW	70	15 S1	80 oct,P-line W.
Trinca (Andover)	2 WSW;RR E	600	24 S6	73 oct. Restricted to USFS.
Westfield (Rahway)	2 W;lake N	100	24 S4	80 oct. No sto. Trees SW,W,N,S.
Wildwood	6 WNW;RR E	22	50h S6	80 oct.
(P) Woodbine	2 SE	39	33h L1 S6	80,91 oct,Bcn on req.

NEW YORK

Bender's-Brentwood (Brentwood)	1 ENE;RR N	85	10	CAUTION - construction. (NC)
Carll Skyport (Commack)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Columbia (Valley Stream)	1 SW;RR N	15	29h	
Davis Flight Strip(Bayport)(NC)	1.3 NNW;RR S	40	22	
Deer Park (NC)	0.8 ESE;RR N	75	10	
Donovan Hughes (Greenridge)	1 N;crks S,W	10	17 S1	Trees adj E.Pole line W. 80 oct.
Fitzmaurice(Massapequa)	1.5 ENE;RR S	36	14 S6	80 oct. No sto.Trees N,S.
(N) Floyd Bennett NAS (New York)(N)	11.8 SSE	17	50h R2 L6 S4	91,100 oct. No sto. No bcn. NATS
Flushing	1.5 NNW;pkwy E	4	32 L S4	80 oct.P-line W,SW.Port rnwy lgts
Grumman (Bethpage)	0.5 W;RR NE	119	54h R1 S5	91,100 oct.Poles SW,SE. prior req.
Hicksville Airpark	2.4 N;RR E	190	20 S4	80 oct. Rnwy data unver.
LA GUARDIA (New York)	5 E;riv N	19	60h R3 L6 S1	80-100 oct Rdo rcv rqrd. FEE.
(P) MacArthur (Islip)	8 NE;RRs N,S	98	50h R1 (L5) S1	91 oct.All lgts prior req.Rdo rqrd.
(P) Mastic Flight Strip	2.6 NW	66	40h	
(A) Mitchel (Hempstead) (A)	0.5 NE;RR N	85	57h R3 (L6) S6	73,91,100 oct.JP-1.FOREIGN
Nassau (Hempstead) (NC)	4.5 E;hwy N	80	21	CLEAR. STN.
Republic (Farmingdale)	1.3 ENE;RR N	82	66h R1 L6 S1	NE blckd.Closed ngts.trans.PRIV.
Richmond Co. (Travis) (NC)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere)	1 WSW	20	22 L S4	80 oct.Pwr line S,SE.Port rnwy lgts
Roosevelt (Mineola)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct. Wires NE.
Sayville (NC)	0.8 N	25	15	Trees sur fld.
Staten Island (New Springville)	1 S; rd W	40	22 S4	80 oct. Pole line SW.
Zahns (Amityville)	2.5 NNE;RR NE	80	22 S6	80 oct. Pole line SW.

PENNSYLVANIA

Skyhaven Aircenter (Morrisville)	1.2 SSE;RR W	23	26 S4	80 oct.

NEW YORK

Aviation Country Club	2 S;hwy S	104	24 S6	80,91 oct. (Hicksville, N.Y)
New Sayville (Sayville, N.Y.	2 N;hwy 1 S	50	30 S4	80,91 oct.Trees NE,SW,WNW.P-line NE.
Nassau Arpk (Princeton,N.J.)	2.5 S;hwy SE	80	30	CLOSED.
Toms River, (N.J.)	1.3 N;hwy W	70	21 S1	80 oct.Bush N,ESE.
Worth (Florence,N.J.)	See Florence under "New Airports" - name changed.			
Mt Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strip only.
Buehl (Philadelphia,Pa)	18 NE;RR SE	110	24 S4	80 oct.Data unver.
General Motors (Linden,N.J.)	1 SE	23	41b	CLOSED,W',E,S,NW less than 10-1
Star Harbor (Williamst'n,N.J.)	0.8 N;hwy SE,NW	150	18 S1	80 oct.P-line ENE,SSW,WSW.
Florence,N.J.	1 SE;riv N	50	24 S4	80 oct.P-line WSW,NW.Trees S.

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

Ⓡ: EXTREMELY HAZARDOUS Ⓤ: USABLE WITH CAUTION

FOR V.H.F. RANGES SEE CHARTS 144 TO 148

SOUTHERN NEW JERSEY

NEW YORK 71

LAKE SUSQUEHANNA
TRINCA
TO BRANCHVILLE
ALLENTOWN 320
RED 33
RED 23
LINCOLN PARK
AIRCRAFT RADIO CORP
MURCHOO
NEW ROCHELLE (W) 275
CALDWELL-WRIGHT 260 126.18
TETERBORO 326
YONKERS
LITTLE FERRY
NEW ROCHELLE
GLENCOVE
HUNTINGTON
ALBANY 55
TO HARTFORD
BRIDGEPORT 221
PORT CHESTER 16
STEWART 335
ST. JAMES
MASTIC
ALBANY 55
E. HANOVER
TO BELFAST
HACKETTSTOWN
MORRISTOWN
NEWARK 278 118.3,126.18
LA GUARDIA 362 118.1,118.7,126.18
LA GUARDIA 209 (116.1)
AVIATION COUNTRY CLUB
HICKSVILLE
GRUMMAN 323
CARLL
MACARTHUR 278
NEW SAYVILLE
REPUBLIC 371
ZAHNS
CALCO STACK (W) 347
NEWARK 341 (116.1)
HOLMES 233
FLUSHING
GREAT NECK
ROOSEVELT
MASPETH 317
MITCHEL AAF 396 126.18
FITZMAURICE
COLUMBIA
IDLEWILD (W) 248
MITCHEL AAF 227
NEW YORK
SYRACUSE 53
LINDEN (W) 359
SOMERSET HILLS
LEBANON 32
ELIZABETH
FLATBUSH 16
FLATBUSH (W) 353
SHINN-WOODBRIDGE
NW JERSEY
ALLENTOWN 320
SOMERSET
BROWN
SOLBERG-HUNTERDON
HADLEY
GENERAL MOTORS
WESTFIELD
HUGHES
CONEY ISLAND
STATEN IS
ROCKAWAY
ROCKAWAY 5
MITCHEL
LONG BEACH
FLOYD BENNETT 379
RIIS PARK
NAS. FLOYD BENNETT 388 142.74
AMBROSE
WASHINGTON 67
MID-JERSEY
METUCHEN 13
PRINCETON
NO. BRUNSWICK
MATAWAN VHF RANGE
PENNINGTON
MERCER CO
MERCER CO. (OLD)
NASSAU
FORSGATE
FREEHOLD 48
RED BANK
ASBURY PARK INC
ASBURY PARK AIR TERM.
HIGHTSTOWN
TRENTON-ROBBINSVILLE
MORRISVILLE
SKYHAVEN
OLD STAR
MONMOUTH CO.
ASBURY PARK 20
PHILA. NE(W) 371
KAISER
FLORENCE
BURLINGTON
BUEHL
LAKEWOOD
OCEAN CO.
CASSVILLE 3
MAHALCHIK
MT. HOLLY
FORKED RIVER
NAS. LAKEHURST 3295 142.74
FORT DIX AAB
TOMS RIVER
NAS. LAKEHURST 520
MOORESTOWN
PHILADELPHIA 266
MELLVILLE 365
FORKED RIVER 15
FORKED RIVER
ATLANTIC OCEAN

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS INDICATE 8° QUADRANTS.

REMAIN ABOVE 3000' NEAR LAKEHURST. ALSO BETWEEN THE NAS AND COAST (INTENSIVE AIRSHIP ACTIVITIES) UNLESS APPROVED BY THE NEW YORK CENTER

ALL FACILITIES IN NEW YORK FLIGHT ADVISORY AREA

STAR HARBOR
N. Y. OCEANIC ATC
WASH. OCEANIC ATC
MELLVILLE 365
NAS. ATLANTIC CITY 275 142.74
DOWNSTOWN
CAVOLI'S
ATLANTIC CITY
WOODBINE
SMITH
WILDWOOD
CGAS. CAPE MAY
CAPE MAY

SCALE OF MILES
10 0 10 20 30

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 190°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT:210°,3.2	(3);4220,126.18
Fairfield-Suisun AAF (Army)	350(126.18)+	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(- - -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ:160°,2.1	
Hamilton Field	219 (126.18)+	CA● :53.13	(3);126.18,4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H : 216°,0.8	
McCLELLAN (Sacramento)	396 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
→ SACRAMENTO	236(SZ)(116.1)	SBMRAZ-DTV	(3);116.1,122.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266(SB)(vhf)	BMRL-DTV:310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV,291°,3.6	(3);122.1
SANTA ROSA NAAS			DECOMMISSIONED
SAUSALITO FM			DECOMMISSIONED
STOCKTON	212(TW)(vhf)	BMRL-DTV:285°,3.1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ FAIRFIELD-SUISUN(L6)(A)	110.3	335	210°	IM- (0.06)	MM- • • • • • • (0.85)	OM- (4.6)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

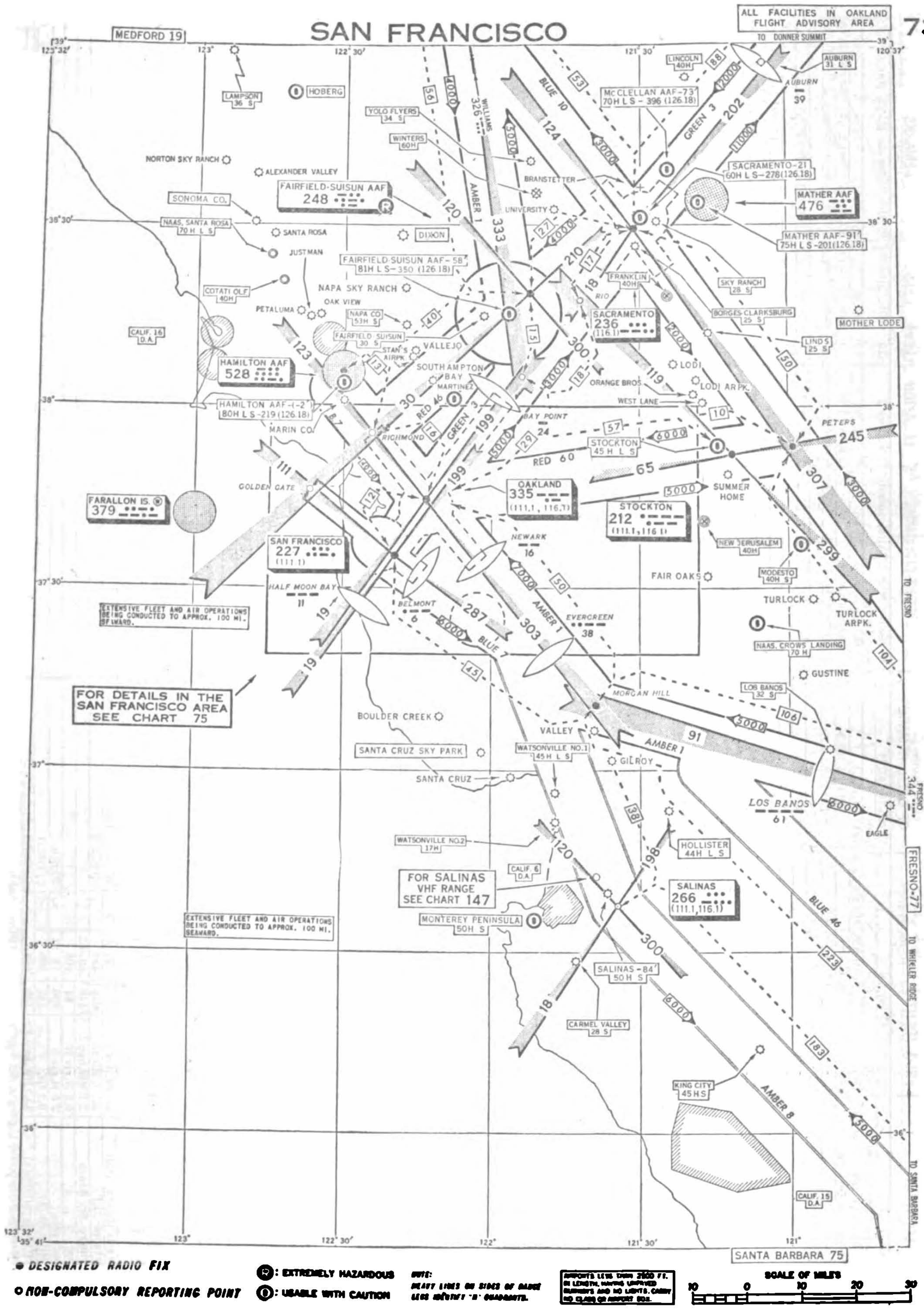
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15 29 S1	Trees S.
American Legion(Salinas)	1.8 NNW			ABANDONED
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg	2.4 NNE,riv SE	15	27 S6	80 oct.E,SSE blkd.(Clarksburg)
burg)				80oct.Lgt planes&exper.pilots only.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver.Sur by mtns.
Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	35h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.
Fairfield-Suisun	1 E,RR N	7	35 S6	80 oct.N,S,W,NW,SW blkd.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE, riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	17 L S2	80 oct.No sto.Flare pots prior req
King City	1.5 NNE,RR W	370	45h L S6	80,91 oct. Obst lgts on req.
(P) Kingsbury (Lodi)	See Lodi under "New Airports" name changed.			
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(C) Lincoln	4 NW;hwy S	120	40h S4	80 oct.
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.Poles E.
Lodi Airpark	4.5 SW;hwy E	25	28 S6	80 oct. P-line E.No sto.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
Martinez	0.8 N,RR S	6	20 S6	80,91 oct.Hill W.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	87	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct. TEMP INACT NAVY
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	40h L5 S6	80,91 oct. Lgts prior req.NO F&C.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W.Flares req.
(A) New Jerusalem(Tracy)(A)	8.5 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	25 S1	80 oct.Pole line WNW,ENE
Orange Bros. (Stockton)	5 N;RR	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	18 S6	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct.
(P) SALINAS	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E;RRS	96	26 S6	80,91 oct.Trees NW,SW.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S6	80,91 oct.Port rnwy lgts.N,E,S,SW
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. blkd.
State Forestry(Davis)(NC)	3 E,hwy N	28	26	Power line W.
(P) STOCKTON	4 SSE,RR W,SW	28	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW;crk S	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct. Wire NE
Valley (Morgan Hill)	1.2 S,hwy E	240	17 S1	80 oct. P-line SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S6	80,91 oct.W blkd.Wire NW.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	58	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S6	80,91 oct. Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E	500	21h S6	80,91 oct. Trf.pat.S.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
(P) Lodi (Calif.)	6 WSW;RR NE	15	40h S6	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3106, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88. 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN FRANCISCO



RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3);126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3):116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4):126,18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS(Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
→ MOFFETT NAS (Navy)	323 (NUC)	BMRLZ; 320°, 1.0	(4);126.18,142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV	(4):116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4):126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV	(3);122.1
San Francisco Airport	269(126.18,118.9)	C, - , ,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	356 (F)	MHW;285°,10.0	(Cont.) San Francisco
→ SANTA BARBARA	(108.3)(OY)	BVAR	(4);116.1,122.1
SANTA BARBARA	(108.3) (OY)	BMRLZ-DTV	(4);116.1
→ Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126,18,122.5,142.74
SAUSALITO FM		FM; 37 , .7 5	DECOMMISSIONED (6-22)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- • — • • (0.62)	OM- — — (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ····· (0.12)	MM-	OM- — — (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker, (3)-3105, 4495, 6210 kcs, (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical numbers in Frequency Column indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto NATS
(A) Allen (Taft) (A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 S6	80,91 oct. P-line N.
Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW;hwy E	36	50h	CLOSED Lgts prior req.
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct. prior req.
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
(N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	425	45h	CLOSED

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data

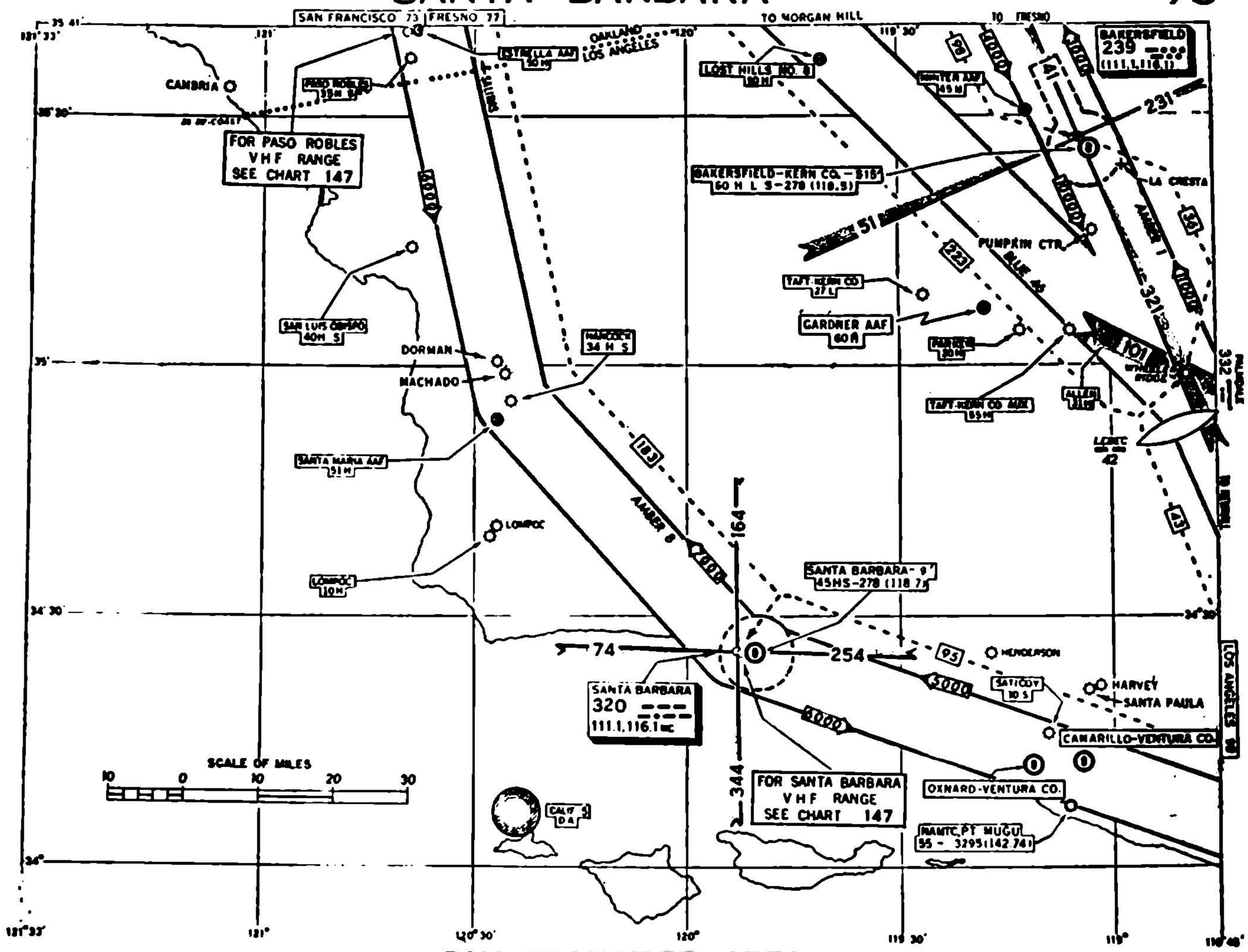
CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	75h R2 (L3) S4	91,100 oct.No sto. NATS NACA.
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
Oakland Mun.	5 S, hwy 2 NE	5	62h R3 L6 S6	80,91,100 oct. 2-way rdo req.NATS
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed.			(Hospital)
Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct.P-line NW,S.
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-linc E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No bcn.NW blkd Data unver.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	30h R2 L5 S6	80,91,100 oct. Rdo rqrd.
San Jose City (San Jose)	2 NW;RR SW	70	40 S6	80,91 oct.P-line SE
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	No lgts after 10 p.m.
Santa Paula	0.8 S;riv S	240	21 L S6	80 oct.Port.strip lgts prior req.P-line
Saticoy	1.5 S;RR NW	80	21 S1	80 oct.Trees NE. ENE,WSW.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy,mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
→ Vernalis	2.3 S	207	70h	INACTIVE.
Warm Springs	2.3 SSE,RR W	100	23 S6	80 oct.

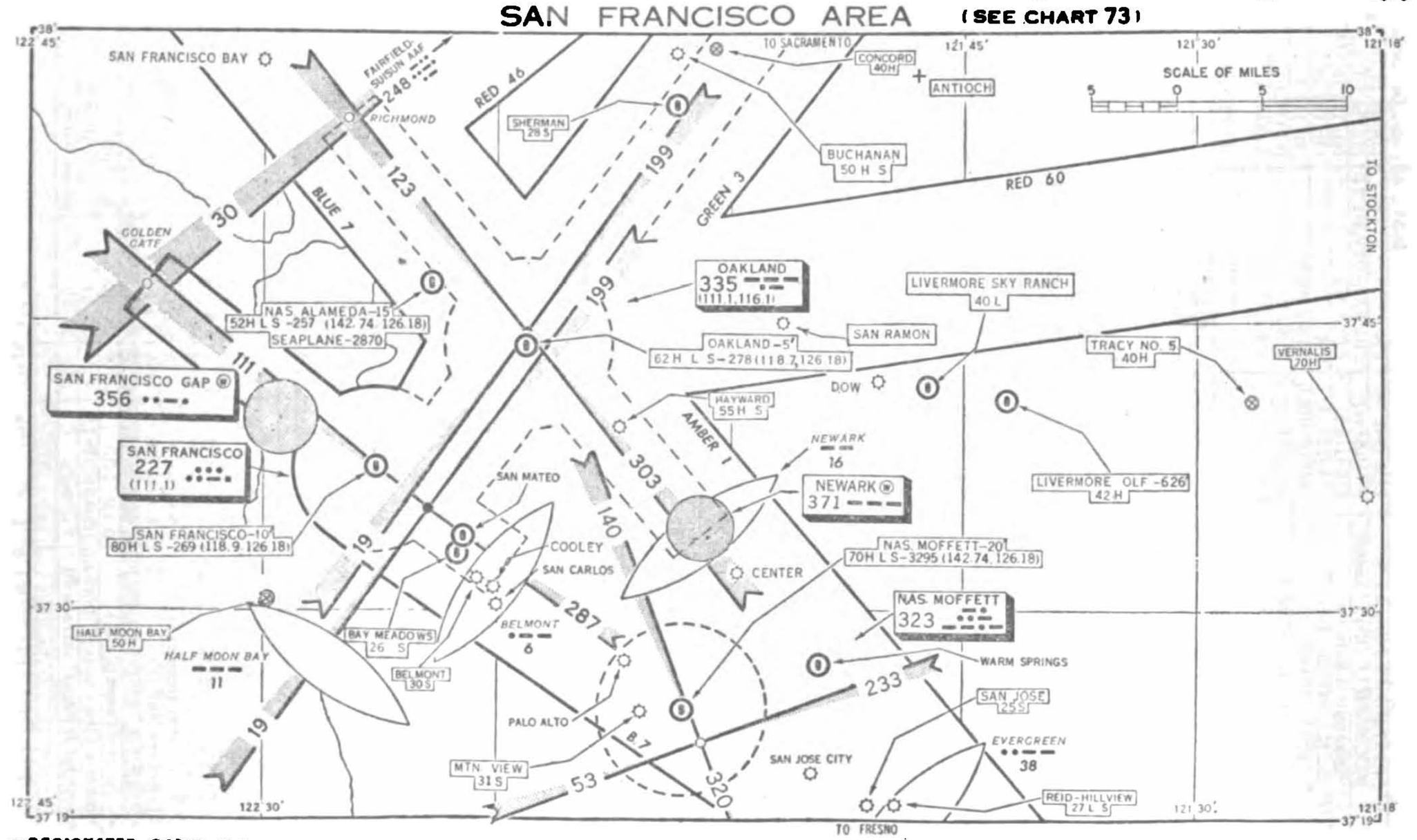
NEW AIRPORTS

Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR	6	20 S1	80,91 oct. Wire SE.Emerg.use.
Machado (Santa Maria)	2.2 N,RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E;rd W	125	25 L4 S6	80,91 oct.No bcn.
Antioch	3 S, lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Suchanan (Concord,Calif.)	1.5 N ;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req.
(P) Camarillo-Ventura Co(Oxnard)	5.5 E;RR S	84	50h	(Calif) (Oxnard)
OXNARD-VENTURA CO (Calif)	1 W;hwy E	44	46h L S6	80,91 oct.Port rnwy lgts prior req.
San Francisco Bay (San Rafael,Calif.)	1.5 ESE;RR SW	2	15 S1	80 oct.hill SW.
Center(Centerville,Calif.)	2.1 SSE	62	26 S6	80 oct.Wire WNW
Harvey Fld (Santa Paula,Calif.)	1.7 E;riv S	290	26 S1	80 oct.Trees E.W.
Dow (Livermore,Calif)	4 WNW;riv S	350	28 S1	80 oct.N blocked.hill NE.
→ Pumpkin Center Arpk (Bakersfield,Calif)	7 S;hwy S	250	20 S6	80 oct.P-lines SSE.

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 73)



● DESIGNATED RADIO FIX

2 NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF BLOCK LEGS IDENTIFY R BOUNDARYS.

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SYM.

Ⓡ : EXTREMELY HAZARDOUS.

Ⓞ : USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
DONNER SUMMIT	385 (DS)(116.1)	BMRL-DTV	(4); 116.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
→ INYOKERN FM (Navy)	(-)	FM,254°,6.7	Inyokern
TRONA			DECOMMISSIONED
FALLON	2[illegible] (VA)	SRAW2; 210°, 2.9	
GABBS (Intl.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CT	(A) (8-16 Mon,Tues,Thurs,Fri; 5-80 Wed,Sat,Sun.)
RENO (Hubbard)	264 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAW2;168°,2.6	
WADSWORTH FM	(-)	FM, 45°, .7	Reno.
→ INYOKERN(Armitage)(Cal.)	323(NID)	[illegible]LW2;169°,4.1	

INSTRUMENT LANDING SYSTEMS (Localizer 4M.O.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- [illegible] (0.2)	OM- --(4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

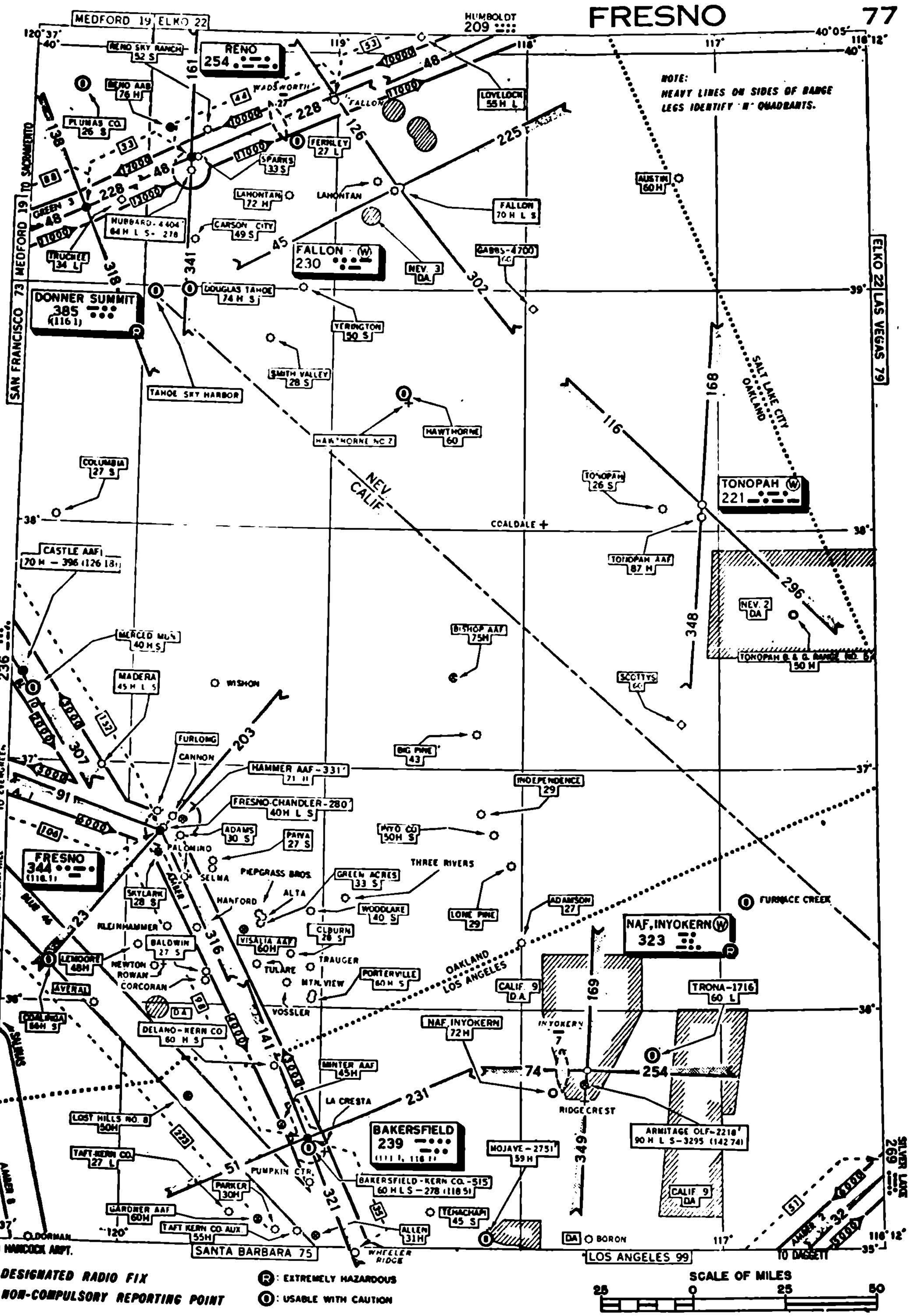
AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	285	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W.	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R2 L5 S.	91,100 oct. CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N			ABANDONED.
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;hwy S	200	37 S4	80,91 oct.Pwrline NE,SE,SW,NW
Cornell (Porterville) (NC)	2.4 SSW;RR E			ABANDONED.
→ Death Valley (Furnace Creek)	See Furnace Creek under "New Airports" - name changed.			
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano-Kern Co(Delano)	1.5 SE;RR W	315	60h S1	80,91 oct.
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	25 S6	80,91 oct.P-line NW,Trees SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE ;hwy W	246	21 S6	80,91 oct.
Harvey (Corcoran)	See Baldwin under "New Airports" - name changed.			
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h S4	NATS
NEW AIRPORTS				
→ Furnace Creek (Calif.)	0.5 N	-178	34 S2	80,91 oct.
→ Mountain View (Porterville,Calif)	1.7 WSW;riv I N	456	28 S4	80 oct.P-line E.
→ Pumpkin Ctr Arpk (Bakersfield)	7 S;hwy S	350	20 S6	80 oct.P-lines SW,(Calif)

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	25 S6	80 oct. Flare pots req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	32h	Emerg only.
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct, Lgts prior req.
Merced #1	2.5 NW,RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	425	45h	CLOSED
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;hwy NW	194	22 S6	80,91 oct, P-line NNW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S6	80 oct.
(P) Porterville	3 SW,RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28	CLOSED.
Taft-Kern County (Taft)	0.6 E,hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
* Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	13	Mtns - timber 2000' NE Closed to Public
(P) VISALIA	5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S Cln-cattle on fld.
Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.Closed to Public
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto
NEVADA				
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
* Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon	6 SE;hwy S	3931	70h L5 S4	80,91 oct.
* Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	34 R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4 SSW,hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	[illegible]	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
* Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Zephier Cove)	3.5 S;lk W	6230	32 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.
NEW AIRPORTS				
Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.5 E;RR S	360	25 S6	80 oct.P-line SE.
Selma (Calif.)	2.6 E,rd N	315	25 S4	80 oct.No sto.P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.
Baldwin (Corcoran,Calif)	7.7 NNW;RR W	200	27	
Three Rivers (Calif.)	2.2 NNE;riv W	850	20	Trees SE,hill NW.
Avenal (Calif)	0.4 W;hwy NE	750	32 S2	80 oct.Poles E.
Traugar (Strathmore,Calif)	1.1 NNE;RR E	475	20h S4	80 oct.
Rowan (Stratford,Calif)	1.5 SE	198		Data unver.
→ Coaldale (Nev.)	2.5 S;hwy jct.	4[illegible]	30 [illegible]	80,91 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII INC (not charted). → NEW OR REVISED DATA

FRESNO 77



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(O): USABLE WITH CAUTION

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
PRESCOTT (Love)	347(PN)(116.1)	SBRAZ-DTV,142°,5.5	(4), 116.1
CALIFORNIA			
NEEDLES	400(NJ)(vhf)	BMRLZ-DTV,195°,2.2	(4);116.1,122.1
SILVER LAKE (Int.)	269(RL)(116.1)	SBMRAZ-DTV,132°,1.9	(4), 116.1
NEVADA			
CRYSTAL FM	(-)	FM: 28°,30	Las Vegas
GOODSPRINGS FM	(- - -)	FM: 203°,33	Las Vegas
LAS VEGAS	206(LQ)(vhf)	SBMRAZ-DTV;34°,1.9	(3);116.1,122.1
Las Vegas AAF	278(126.18,118.7)+	C (ILS)	(4);118.7,126.18,122.5 (8-midnite)
UTAH			
BRYCE CANYON (Int.)	108.3(BV)(vhf)	BVAR-DPTV;35°,0.8	3117.5;122.1,116.1,129.7 cont. 4495,6210 req.
ENTERPRISE(Int.)	341(NP)(116.1)	SBMRAZ-DTV;20°, 3.1	(4), 116.1
MILFORD	320(MD)(116.1)	BMRLZ-TV;20°,1.0	(4), 116.1
ST.GEORGE	108.7(GX)(vhf)	BVAR-DPV;229°,7.8	3117.5;116.1,129.7, 122.1 cont.(3) on req.
GOODSPRINGS, NEV.FM	(- - -)	FM: 2030, 33	Las Vegas

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LAS VEGAS AAF	110.3	335	25°	IM	---(0.66)	OM	-- (4.2)
				MM		OMM	

S-Simul Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS

ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Ashfork Int,36A, LA-AQ	4.3 W,RR S	5089	41 L2	
(P)Clemenceau (Cottonwood)	1.7 SSW,hwy NE RR bed N	3400	27 L1 S6	80 oct.Smokestack 1000' SE.Sur by mtns
(P)Ernest A.Love (Prescott)	8 NE,RR E	5042	60h R1 L5 S6	80,91,100 oct.
(P) Fredonia	1 NE,hwy W	4800	34	
Grand Canyon-South Rim	14 3S;hwy 2W	6362	53 S2	80 oct.Trees SW.
(A)Kingman AAF(A)	8.5 NE,hwy NW	3446	68h	CLOSED
Mohave Co.(Kingman)	6.5 NW,hwy E	2850	37	Not maintained.
Port Kingman (Kingman)	3 NE,RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req.S blocked.
(P) Valle	2.3 E;hwy E	5990	61 L3	Lgts prior req.Soft when wet
Verde Valley (NC)	1.8 SE,riv W			ABANDONED.
Williams	4.3 N,RR E	6600	39 S6	80,91 oct. Mts SW.
(P)Yucca	1.5 NE,RR W	2030	60h	

CALIFORNIA

* Bagdad Int,16,LA-AQ	1 S,RR N	700	40 L3	
Needles	5.5 S,hwy E	990	58h R1 L3 S1	91 oct.Serv prior req.
Riverview(Needles)	1.4 S,riv N	500	27 S1	80,91 oct.Trees NNE
* Silver Lake Int,18, LA-SL	2.5 SSE,RR E	919	40 R1 L3	Rnwy data unverif.

NEVADA

Alamo (Las Vegas)	5.5 SSW,RR SW	2000	50 S4	73,80,91 oct.
BOULDER CITY	1.8 SW,RR W	2463	63 L1 S4	73,80 oct,by truck;91 oct for airlines.
Caliente Flgt Strip	19 W,hwy N	4853	64h	
(A) Indian Springs(A)	2 WNW	3123	67h	CLOSED
(A) Las Vegas	7.8 NE,hwy NW	1890	65h R3 L6 S1	100 oct.ARMY TEMP INACT.
* Mormon Mesa Int, 31B,LA-SL	6 ENE Glendale	2068	40 L3	
Pahranagat(Alamo)	0.7 W,hwy E	4300	26	(NC)
Ranch Club(Las Vegas)	See Hoot Gibson's D4C Ranch under "New Airports" - name changed.			
Searchlight Landing Strip (NC)	10.8 SSE,hwy E	2536	40	
Sky Haven	3.3 NW,hwy W	2200	43 S4	80,91 oct.(Las Vegas)

UTAH

Beaver	3.2 SSW,hwy E	6000	63	Hills SE
* Bryce Canyon Int, 45, LA-DV	5 N,hwy S	7580	63 L3 S2	No fuel.
CEDAR CITY	2.3 NW,hwy W	5660	55h L2 S6	80,91 oct.
* Enterprise Int,39	8 NNE,hwy 1N	5204	39 R1 L3	LA-SL Soft when wet.
Fillmore	2 WSW,hwy SE	5008	50 S2	80 oct. Unsafe lgt acft.
Milford,45,LA-SL	2.3 NNW,hwy E	5061	37 L3 S2	80 oct.
Richfield	1.8 SSW,RR E	5340	31 S6	80 oct.P-line SE,N.
St.George	1.5 SSW,riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
* St.George Int,36, LA-DV	6 SE	2887	50h	Hills NNE

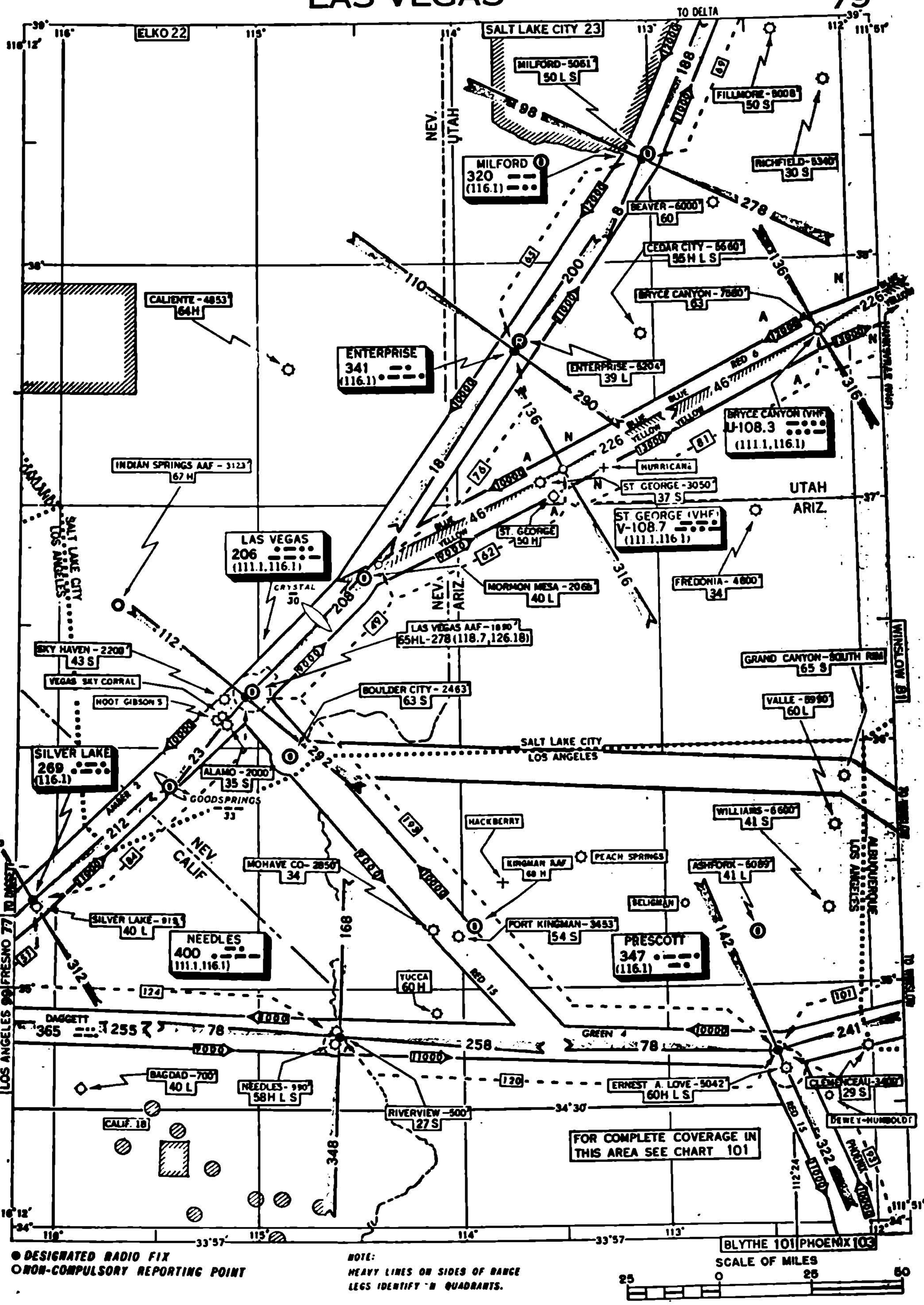
NEW AIRPORTS

Hurricane (Utah)	2 S	3400	75	Obsts E.Data unver.
Dewey-Humboldt(Ariz)	1 E	4265	29	
Hoot Gibson's D4C Ranch (Las Vegas,Nev)	5 E SW;RR E	2200	24	Mtns WSW,ENE,E.
Wickenburg (Ariz)	3 NW;hwy W	2300	32	
Peach Springs (Ariz)	1.2 N;hwy SE	4825	23	P-line ESE,SW.
Seligman (Ariz.) Hackberry (Ariz)	2 NW;RR S 6.4 NW.	5300	54 60h	Tree WNW Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted)

→ *NEW OR REVISED DATA.

LAS VEGAS



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS.

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°, 18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV;160°,1.5	(4), 116.1
Winslow Airport			DECOMMISSIONED
[redacted]			
ACOMITA (Int.)	**371(AK)(116.1)**	**BMLZ-DTV;254°,1.9**	**(4);116.1,122.1**
EL MORRO (Int.)	**353(EM)(116.1)**	**BMRLZ-DTV,78°.0.1**	**(4);116.1,122.1**
UTAH			
HANKSVILLE Int	**109.1(HY)(vhf) (116.1)**	**BVAR-DPV;314°,2.8**	**(3) on req,3117.5;116.1, 129.7,122.1**

S-Simult. Range and Voice; W-Without Voice, Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Columns Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs

AIRPORTS — ARIZONA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.8 NE;riv 1 S	4200	40 S1	80 oct Rough. Not maintained. Emerg. only.
* Deep Lake Int,54A, LA-AQ	0.5 W	6070	35 L3	Poles S.
Holbrook	2.2 NNE;RR SE	5200	43 S3	80 oct.
* " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S6	80 oct.
Saunders, Harry A. (St. Johns)	See St.John under "New Airports" - name changed.			
Window Rock(NC) (St.Michaels)	2 ESE	6800	52	NE approch hazardous
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S4	80,91 oct. No flood lgts.

COLORADO

(P) Cortez	3.1 SW;hwy E	5915	54 S6	80 oct. Mtn W,E
→ Dove Creek	0.6 E;hwy S	7000	41 S2	80 oct. P-line SW.
(P) Durango	1.5 NE	6875	47 S2	80 oct. Mtn E
Mancos (NC)	1.4 NNE;RR 1 S	7500	30	Cattle on fld.
Montrose	1.3 S,RR NE	5800	33 S4	80 oct. CLOSED.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

h-hard surfaced runways. R-radio facilities L-lighting facilities S-servicing. (See page 1X) (NC) Not charted. → NEW OR REVISED DATA.

AIRPORTS — NEW MEXICO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Acomita Int,63, LA-AQ	7.8 W;hwy 1 N	6575	41 R1 L3 S1	73,80,91 oct. P-line NNE. Rough.
Cubero (NC)	2.4 W;hwy S	6192	30	PRIVATE. P-line S.
* El Morro Int,59B, LA-AQ	4.5 WSW;lk 1 WSW	7114	42 R1 L3 S1	**73,80,91 oct. Rough.**
Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW, NW,SE.
Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW

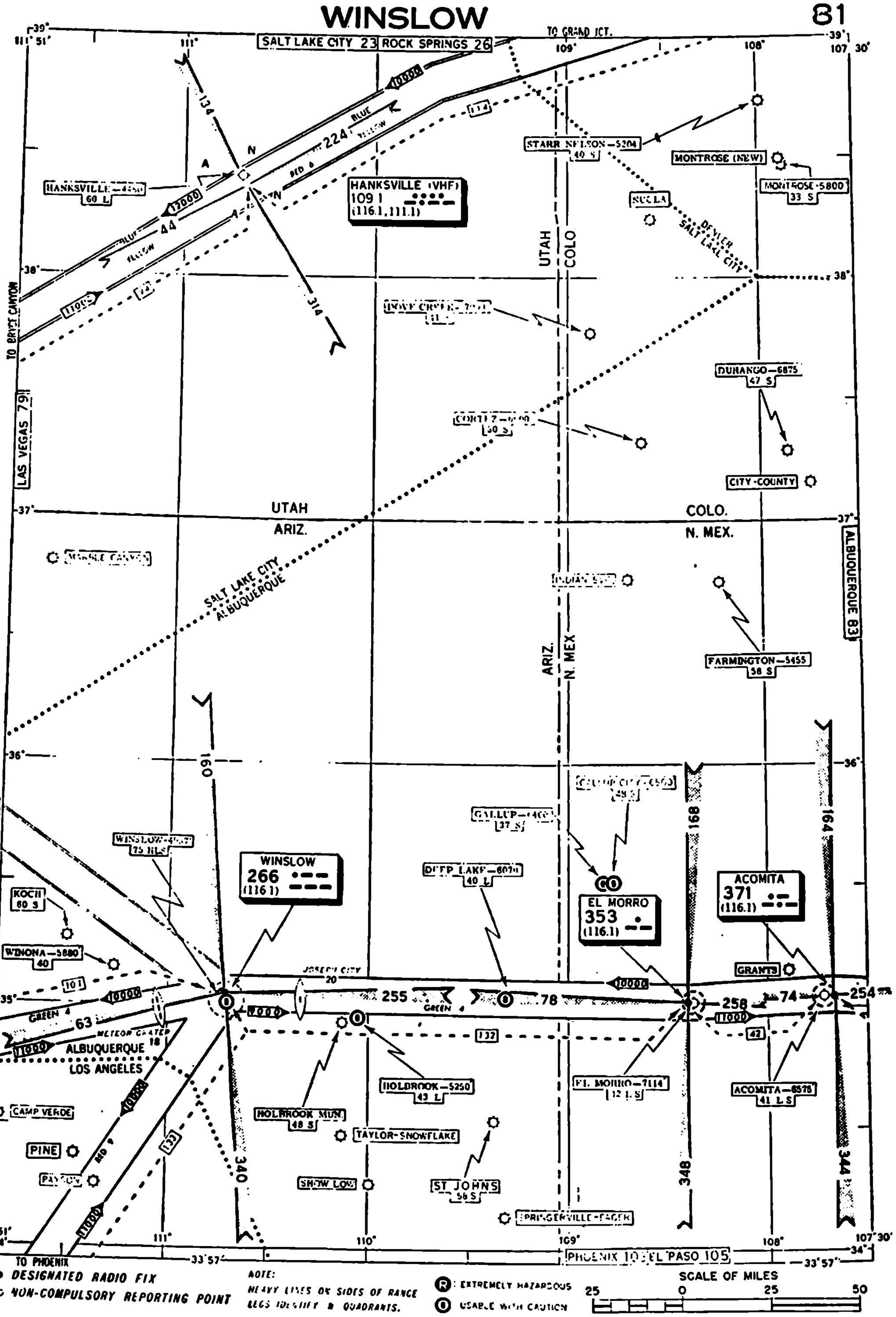
AIRPORTS — UTAH

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
* Hanksville Int,54, LA-DV	3.5 NNE;riv S	4480	63 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post)(NC)	0.5 N hwy E	5284	30	

NEW AIRPORTS

→ Montrose (new)(Colo)	1.5 NNW;hwy S	5780	58 S6	80,91 oct. P-lines ESE,SE
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
→ CITY-CO. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	**91 oct.**
Show Low,(Ariz.)	2 ENE;hwy S	6400	43 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct. NE approch **hazardous.**
Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E. Soft when wet.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct. Poles SSE,NNW.
Grants Landing Strip (N.M.)	2.3 W;RR 1 NE	6600	28	Loose sand in spots.
Winona (Ariz)	8.9 ESE;hwy N	5880	40	
Springerville-Eager	1.5 W	7000	37 S1	80 oct.
Pine (Ariz) (Ariz)	0.8 S;crk NE	5500	25	**Trees block N.**
St.Johns (Ariz)	1.1 NNW;hwy S	5560	58 S6	80 oct. P-line SE;fence sur fld.

WINSLOW


SALT LAKE CITY 23
ROCK SPRINGS 26
TO GRAND JCT.
HANKSVILLE (VHF)
109
(116.1, 111.1)
HANKSVILLE—4550
60 L
STARR NELSON—5204
40 S
MONTROSE (NEW)
MONTROSE-5800
33 S
NUCLA
DENVER
SALT LAKE CITY
UTAH
COLO
DURANGO—6875
47 S
CITY-COUNTY
LAS VEGAS 79
TO PRESCOTT
TO LAS VEGAS
UTAH
ARIZ.
COLO.
N. MEX.
SALT LAKE CITY
ALBUQUERQUE
ALBUQUERQUE 83
FARMINGTON—5455
58 S
WINSLOW
266
(116.1)
KOCHI
60 S
WINONA—5880
40
ACOMITA
371
(116.1)
EL MORRO
353
(116.1)
GRANTS
HOLBROOK—5250
43 L
HOLBROOK MUN.
48 S
TAYLOR-SNOWFLAKE
SHOW LOW
ST JOHNS
56 S
FT. MORRO—7114
12 L S
ACOMITA—6578
41 L S
CAMP VERDE
PINE
PAYSON
METEOR CRATER
ALBUQUERQUE
LOS ANGELES
TO PHOENIX
PHOENIX 10 EL PASO 105
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY R QUADRANTS.
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

ALBUQUERQUE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
★ Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf).	354°,3.1	SBRAZ-DTV	(3);116.1,122.1 req.
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus aoft fld.
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld.
★ Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7 N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct. P-line N,W
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct.P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
CLOVIS Army Range (N.M.)	203 (DCV)	34°,6.2	MRAZ	(3)
CLOVIS H Fac. (N.M.)				DECOMMISSIONED
CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	(3);126.18(daylgt hrs.)
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h	TMP INACT.NO FACS.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
★ Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd.
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE
Dalhart (Tex)	6.2 SSE;RR E	--		ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) [English](Amarillo,Tex)	9 ENE;RR N	3591	50h L6 S2	80, 91 oct.;100 oct. Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NE;RR S	4166	60h S6	80 oct.
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7 N;RR S	3950	34 S6	80 oct.Poles S,N.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct. P-line N, SW. E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
NEW FACILITIES				
→ Longhorn(Moraifty,N.M)	8.3 ENE;hwy N	6312	33	P-line N
Estancia (N.M)	1.5 NNW;RR 0.5 E	6100	36	Ctn-cattle on fld.P-line NE,E.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4238	80h	CLOSED
La Junta Bridges (Colo)	See Bridges Arpt.under "New Facilities"-name changed			
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L2 S4	80 oct.canal N
Las Animas (Colo)	1.4 S;hwy 1 N	3900	31 S4	80 oct. P-line W,NW.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE; RR 2 W	6857	64h L5 S6	80, 91 oct.Rnwy lgts on req Use strips only.
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
→ Monte Vista,Colo.	3.5 W;hwy N	7710	55 S6	80 oct. P-line NE.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N Horses on fld.
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116.1,122.1
★ Otto Int,74,LA-AQ (N.M.)	5.8 NE Moriarty	6226	41 L3 S1	Ltd 100 oct.
→ Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N.
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE,E, (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	30 S2	Ltd 80 oct.P-line SW,NW,W.
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW ;hwy E	6308	63h L5 S1	91 oct.airlines:FEE. Rnwy lgts on req.
Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	80 oct.P-line NE,SE.
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No std. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34	Poles NW,W,SW.
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver.
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
★ Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	32 S6	80,91 oct. P-line SW.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
→ Trinidad (Colo)	10.5 ENE	5756	34h L1 S1	80 oct.Use rnwys only.
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

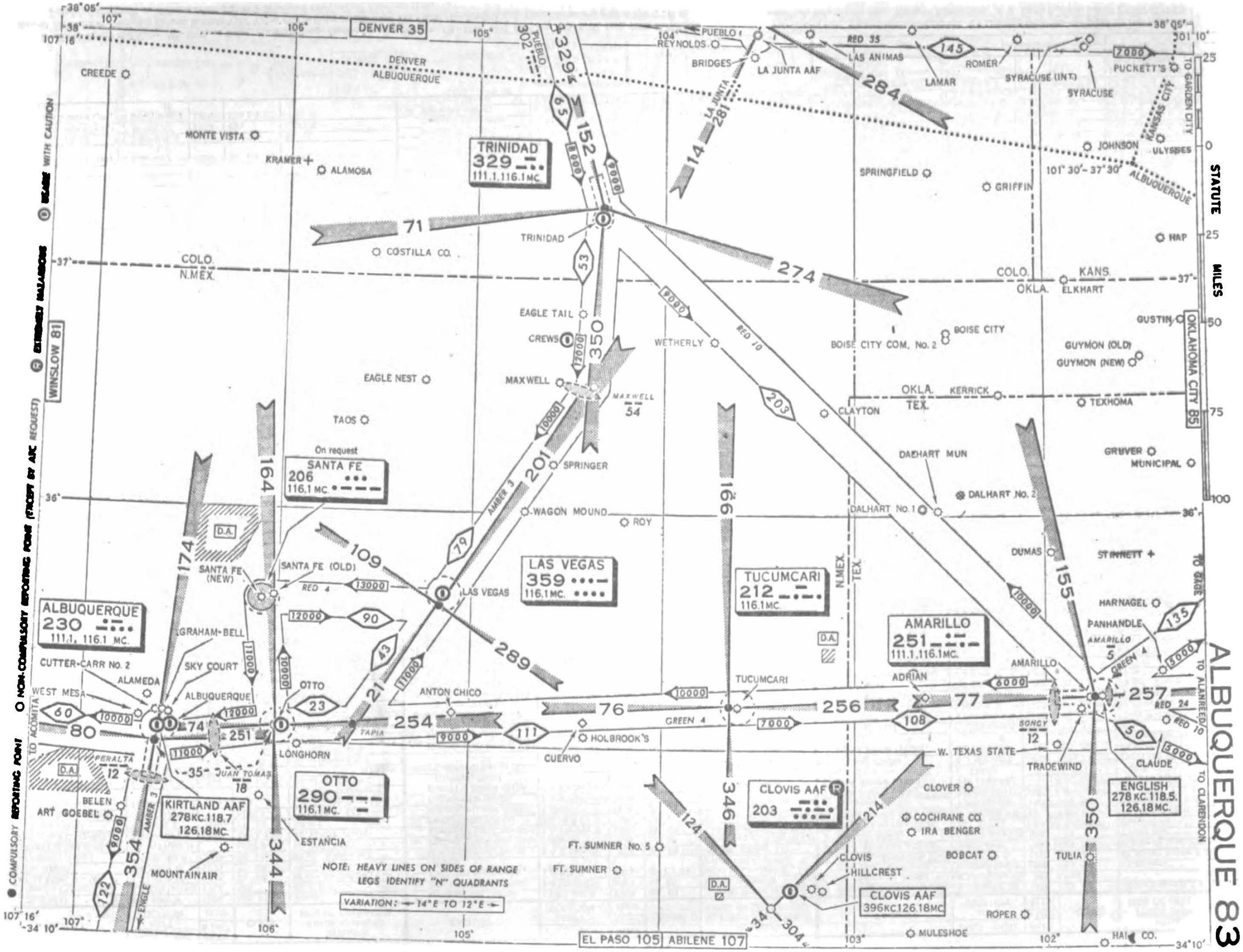
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ENGLISH	110.3	335	209°	IM-	MM- ·-·- (0.62)	OM- – – (5.92)
				MMK-		OMK- 293 –·–·
KIRTLAND	110.3	335	349°	IM-	MM- ·-·- (0.66)	OM- – – (4.32)
				MMK-		OMK- 248 – –·–

NEW FACILITIES					
Boise City Com.#2(Ckla.)	1 N;City S	4200	26 S1	80 oct.	
Gustin Fld.(Hooker,Ckla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.	
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.	
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.	
Ulysses (Kansas)	1.3 NNW;hwy E	3050	26 S1	80 oct.Poles S.	
Kramer Fld (Alamosa,Colo.)	2.5 WNW		52 S6	80 oct.P-lines NE.Data	
Elkhart (Kans)	0.8 ESE;RR 0.5 NW	3500	32 S2	80 oct.	unver.
Hap(Hugoton,Kans)	1.5 SW;hwy N	3107	26 S2	80 oct.Poles N,NE.Use	
Bridges (LaJunta,Colo)	3.3 SSW;hwy,RR W	4250	26 S2	80 oct. P-line N	stps.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) → New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


DENVER 35
DENVER
ALBUQUERQUE
CREEDE
MONTE VISTA
KRAMER
ALAMOSA
TRINIDAD
329
111.1,116.1 MC.
COSTILLA CO.
TRINIDAD
COLO.
N.MEX.
WINSLOW 81
EAGLE TAIL
CREWS
EAGLE NEST
MAXWELL
TAOS
On request
SANTA FE
206
116.1 MC.
SPRINGER
WAGON MOUND
ROY
LAS VEGAS
359
116.1 MC.
SANTA FE (OLD)
SANTA FE (NEW)
ALBUQUERQUE
230
111.1, 116.1 MC.
GRAHAM-BELL
SKY COURT
CUTTER-CARR No. 2
ALAMEDA
WEST MESA
ALBUQUERQUE
OTTO
LONGHORN
ANTON CHICO
TAPIA
CUERVO
HOLBROOK'S
OTTO
290
116.1 MC.
KIRTLAND AAF
278 KC. 118.7
126.18 MC.
ART GOEBEL
BELEN
MOUNTAINAIR
ESTANCIA
PERALTA
JUAN TOMAS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 14°E TO 12°E
TUCUMCARI
212
116.1 MC.
FT. SUMNER No. 5
FT. SUMNER
CLOVIS AAF
203
CLOVIS AAF
396 KC 126.18 MC
CLOVIS
HILLCREST
COCHRANE CO.
IRA BENGER
CLOVER
BOBCAT
ROPER
MULESHOE
AMARILLO
251
111.1, 116.1 MC.
AMARILLO
ADRIAN
TUCUMCARI
W. TEXAS STATE
TRADEWIND
ENGLISH
278 KC. 118.5
126.18 MC.
CLAUDE
TULIA
HALL CO.
HARNAGEL
PANHANDLE
AMARILLO
GRUVER
MUNICIPAL
DALHART MUN
DALHART No. 2
DALHART No. 1
DUMAS
STINNETT
SPRINGFIELD
GRIFFIN
JOHNSON
ULYSSES
KANSAS CITY
ALBUQUERQUE
HAP
COLO.
OKLA.
KANS.
ELKHART
GUSTIN
BOISE CITY
BOISE CITY COM. No. 2
GUYMON (OLD)
GUYMON (NEW)
OKLA.
TEX.
KERRICK
TEXHOMA
CLAYTON
OKLAHOMA CITY 85
TO GARDEN CITY
REYNOLDS
PUEBLO
BRIDGES
LA JUNTA AAF
LAS ANIMAS
LAMAR
ROMER
SYRACUSE (INT.)
SYRACUSE
PUCKETT'S
LA JUNTA
REYNOLDS
WETHERLY
EL PASO 105
ABILENE 107
284
14
71
274
254
76
256
77
108
111
289
109
201
79
43
21
90
23
74
251
80
60
164
174
166
346
344
354
350
257
155
135
50
214
124
304
122
145
7000
9000
10000
11000
12000
13000
8000
6000
5000
AMBER 3
RED 35
RED 10
RED 24
GREEN 4
PUEBLO 302
TO ACOMITA
TO ALAMREED 10
TO CLARENDON
10 GAGE
ENGLE
D.A.
STATUTE MILES
25
0
25
50
75
100
107°16'
107°
106°
105°
104°
103°
102°
101°10'
38°05'
38°
36°
37°
34°10'
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (RADIO BY A/C REQUEST)
BEACON WITH CAUTION
ALBUQUERQUE 83

OKLAHOMA CITY

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h S1	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct, F-line SW,W,N
Alva (Okla)	1.4 S;RR N	1320	26 S6	80 oct
Anadarko (Okla)	1.5 SW;RR E	1260	26 S6	80 oct, P-line N,E.
ANTHONY H Fac.(Okla)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct (Okla)
Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac.(Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122 1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct Poles E
* Arlie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct Poles S,E
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct. P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct, P-line W. Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct. P-line ft only
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	SW,NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct. Port rnwy lgts. Pole NW
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct, wet.
Caddo Fly Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla)Ctn when,
Cameron College	2.5 W;RR N	1108	22 S6	80 oct.(Lawton,Okla)
• Cassoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(4);116.1.122.1
Chanute (Kans)	2 WSW;lk S	980	22h L4 S6	80,91 oct. Flood lgts on req. P-line NW,SE
CLARENDON Range (Tex)	233 (CP)	199°, 2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1930	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED.
Clinton (Okla)	17 SW	1932	65h	CLOSED.
Coffeyville,Mun.#1	3.5 N	743	59h S2	80 oct (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h S6	80 oct. Poles NW;hi-line SW.
Commercial(Okmulgee, Okla)	3.4 E;RR	682	28 S2	80 oct. Poles SW.
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct Trees SW
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct. (Tex)(Okla)
Community (Ada,Okla)	6.8 WNW	1000	34 S6	80 oct hwy NE
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4);116.1.122.1
[Dodge City] (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	34 S2	80 oct. P-line S
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S2	80 oct. N,E,S,W blkd.
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1290	56h	TMP INACT. NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct. Hi-line S.
Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick...F (Okla)	2 5 SSE;RR N	1233	60h L6 S6	80,91 oct No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1.122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5	
GARDEN CITY Range (Mun.)(Kans)	257(GK)(vhf)	168°, 3.7	SBRAZ-DTV	(4);116.1.122.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct. Fld lgts on req
(A) [Garden City AAF] (Kans) (A)	9 ESE;riv S	2894	65h	TMP INACT. NO FACS.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S2	80 oct.
(P) Grandfield Mun (Okla.)	3 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains (Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct. P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 I 3 S4	80,91 oct. P-line W. Lgts prior req. No bcn.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;RR S,N	615	38h S6	80,91 oct. P-lines N,ESE
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct. (Tex) S,WNW
(P) Hobart Mun.(Okla)	3.8 SE;hwy W	1583	54h L S6	80 oct. Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW;hwy S	864	33	
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN) (116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1.122.1
Hutchinson, com.(Kans)	5.5 W;hwy N	1605	20 S2	80 oct. P-lines N,NE.
(P) [Hutchinson,mun.]	4 ENE;hwy S	1542	70h L5 S6	80,91 oct. (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	91 oct. Pole SW.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct. P-line NW,N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct. P-line SE (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S (Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct. Trees S,SW RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct P-line SW. NNW,SSW
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct. Trees N. (Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct. No bcn. lgts on req.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct. P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S2	80 oct. Use strips. P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. P-line ESE. N
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct. P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(A) Muskogee AAF (Okla)	See Davis under "New Facilities" - name changed,			NW
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct. Shrubs N,NE
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116 1, 122 1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Ctc lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1.2 NNE;RR S	3234	50 L3 S6	80,91 oct SE blkd P-line
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED E,S,W
* Pampa Int,4,AQ-KC(Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W Twr SW
Parsons (Kans)	2 NW;RR S	936	22 S1	80 oct. Use strips only.
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct Port rnwy lgts. P-line NE
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE;RR NW	2942	90 64	80 oct. No sto. Allway fld. P-line SE, windmill
PHILLIPS Tower (Okla)	388		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct. (Okla) Hwy S
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct. P-line NE,SE,S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4);116.1.122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S,	1014	38h L4 S6	80,91 oct Antenna bet twr & hangar, lgtd
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct. Endry lgts prior
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (8-18) req.
(A) Post (Ft Sill,Okla)(A)	1.5 S	1170	50h L5 S4	Ltd 100 oct
Pratt Mun. (Kans)	2.5 ENE;lk 2 F	1916	25 S6	80 oct. Use strips only
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S2	73 oct. P-line N
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre,Okla.)	2.3 N;hwy W	1980	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct. Trees W,NW
Sentinel Memorial	0.8 SSW;RR W	1600	26 S2	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1080	42h L5 S6	80,91 oct. Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct. Poles N,S req
Stark (Coldwater,Kans)	0.7 NE;RR SE	2100	29 S2	80 oct. Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	29 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1310	26 S6	73,80 oct. Poles E,N
* Stroud Int,29A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd. (Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW
TINKER Army Rng (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
(A) Tinker (Okla.City,Okla)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct IP-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct. P-line S,E
TULSA Range (Okla)	245(TS)(116.1)	225°, 1.0	SBRAZ-DTV	(3); 116.1, 122 1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118 5.126 18, 122.5
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct. 73,100 oct
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct Army. Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy 0 5 W	2225	38 L3	(Tex) P-line W
Vernon 15,AQ-FV(Tex)	5 N;hwy E	1250	43h L5 S6	73,80 oct. No sto.
* Vernon Int,15,AQ-FV	8.8 NNW;hwy E			(Tex) ABANDONED
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S;hwy W	1540	27 S6	80 oct
Walker (Ada,Okla)	5.4 S;rd E,N	870	32	PRIV Trees sur fld
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct P-line N.
Walters (Sedan,Kans)	8 N;rd E	1000	26 S1	80 oct. Emerg only. Priv
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct. P-line N,NE
Weatherford (Okla)	2.7 ENE;hwy S	1550	27 S6	80 oct. P-line N.
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct. P-line NNE
(P) Wewoka,mun.(Okla)	4.7 NE;hwy W	790	30	Emerg only
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°, 1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126 18 118.7)		AC (ILS)	(4): 122 5.126 18. 118 7
(NG) [Wichita] (Kans)	5.3 SE;hwy W	1372	75h L6 S6	80,91 oct. Army 100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct (Claremore,
WILL ROGERS Tower (Okla City,Okla) [Will Rogers] (Okla.City)	272 (118.7)		AC (ILS)	(4);118 7,126 18. [Okla] 122.5
(P) Woodring (Enid,Okla)	5 ESE;RR N	1283	57h L6 S6	80,91,100 oct. (Okla)
(P) Woodward (new) (Okla)	7.5 W;hwy S,E	1159	65h L5 S6	80,91 oct,
Woodward (mun) (Okla)	1.5 SE;hwy W	2187	55h L5 S2	80,91 oct Lgts on req
	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	AFFN. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
TULSA	110.3	335	354°	IM-	MM- (0.65) OM- (4.82)
				MMK-	OMK- 263
WICHITA	110.3	335	3°	IM-	MM- (0.69) OM- (5.37)
				MMK 201	OMK- 317
WILL ROGERS	109.9	333.8	350°	IM-	MM- (0.66) OM- (4.6)
				MMK-	OMK-

FACILITIES

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450	23 S1	73 oct.
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	26 S6	80 oct Trees NE,SW.
Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct P-line E,N,NE
[Davis] (Healdton,Okla.)	1.3 E;crk W	800	20 S2	80 oct S,SW
Hartshorne (Okla)	1 NNW	700	13	Emerg use only
Hawk's (Henryetta,Okla)	1 N;rd N,E	862	18 S2	80 oct
Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW. Emerg
Kingfish (Hinton,Okla)	3.7 N;hwy W	1545	18	only
Okemah (Okla)	1 E;city W	870	33 S6	80 oct P-line N,NE
Seiling-Cook's (Seiling)	Adj E	1700	20	P-line N;trees S (Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct P-line S
Augusta (Kans.)	1 NNE	1260	26 S2	80,91 oct. S blkd.
Memphis (Tex.)	1.4 NNE	2100	38 S2	80 oct. E,SE blkd.
Elk Co. (Moline,Kans.)	2.3 ENE;hwy S	SW 1050	19 S	80 oct.
Protection (Kans.)	0.6 SSE;hwy S	1830	24 S2	80 oct. Pole W. Use strips only
Hi-way (Kingman,Kans.)	2.3 W;hwy S	1580	24 S2	80 oct. P-lines SE,S.
Bucklin (Kans.)	0.6 SW;RR N	2400	26 S2	80 oct. Poles N,W. Use strips.
Firebaugh (St.John,Kans)	1.7 NNE;rd E	1885	26 S2	80 oct. Poles N,E. Derrick S.
Cedar Vale (Kans.)	1.5 WNW;hwy S	1000	26 S1	80 oct. Poles N,W.
(P) Davis (Muskogee,Okla)	6.4 S;hwy A	600	58h L5 S2	80 oct. Hill SW
BROWN Tower (Tulsa, Okla.)	317		CI	3105 (12-sunset. Sats. Suns, holidays)
Hollis (Okla)	1 N;hwy E	1720	26 S2	80 oct. P-line SE,S.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.

OKLAHOMA CITY 85

GARDEN CITY 257 111.1, 116.1 MC.
GAGE 266 111.1, 116.1 MC.
CLARENDON (W) 233
DODGE CITY 362 116.1 MC. On request
HUTCHINSON 227 116.1 MC.
ANTHONY 382 116.1 MC. On request
CHANUTE 284 111.1, 116.1 MC.
WICHITA 278 KC. 118.7, 126.18 MC.
WICHITA 332 111.1, 116.1 MC.
PONCA CITY 368 116.1 MC
INDEPENDENCE AAF 272 KC. 126.18 MC.
PHILLIPS 388 KC.
TULSA 278 KC. 118.5, 126.18 MC.
TULSA 245 116.1 MC.
OKLAHOMA CITY 350 116.1 MC.
WILL ROGERS 272 KC. 116.7 MC.
POST AAF 201 KC. 126.18 MC.
ARDMORE 400 116.1 MC. On request
TINKER AAF 221
BROWN 317 KC.

FOR ROOSEVELT VHF RANGE SEE CHART 146
FOR CHILDRESS VHF RANGE SEE CHART 146
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 87

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION 11° E TO 9° E

ABILENE 107 FT. WORTH 109

STATUTE MILES 0 25 50

COMPULSORY REPORTING POINT

NON-COMPULSORY REPORTING POINT (EXCEPT JFK ARC BROUSTD)

EXTREMELY HAZARDOUS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	80,91 oct. P-line N,S,W. Port rnwy lgts.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct. P-line S,SW. (Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only. obst lgts.
Bomhoff (Calumet, Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
→ Caldwell (Kans)	1.2 E;RR W	1140	22 S1	80 oct. Poles SW,SE,NE
Cannon Ball (Wichita, Kans	6.5 WSW; hwy N	1300	24 S6	80 oct. No sto. P-line N.
Central (Edmond, Okla)	2.6 NNE	1211	24	RRW
Cessna (Wichita, Kans)	4.5 SE	1384	53 S2	80 oct. Wichita Arpt 1 N.
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L5 S6	80,91 oct. No bcn or flood P-line NE,E.
Cimarron (Yukon, Okla)	4 WSW;hwy N	1350	20h S6	80,91 oct.
Culver (Wichita, Kans)	4 N	1320	15h	Reported ABANDONED.
Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct. Soft, wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L5 S6	80,91 oct. Ctc & range lgts
Frasier (El Dorado, Kans)	2.5 S;riv W	1300	25 S6	80 oct. Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie [illegible]	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
Ken-Mar (Wichita, Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto. Port rnwy lgts. Obsts
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct. Poles N,S.
→ Mariash (Chickasha, Okla)	2 SSE;RR E	1275	30 S2	80 oct. P-line NW,SW.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	80 oct. P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno, Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE;rd S	1527	70h S6	80,91 oct. P-line W,N.
→ Nuckols (Okla. City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct. P-line N,NE,SW, W,NW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	359 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	80,91 oct. Port rnwy lgts.
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26	Use in emerg only.
(A) South (Winfield, Kans) (A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	See Winfield-Arkansas City under "New Facilities" - name chg.			
TINKER Army Range (Okla)	221 (DTE)	170°, 5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
→ Tulakes (Oklahoma City, Okla)	8 WNW lake 2 SW	1400	44h S6	80,91 oct. P-line N,S,NW
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332 (WD) (vhf)	167°, 1.0	SBRAZ-DTV	(3); 116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NG) [Wichita] (Kans)	5.3 SE	1372	75h L6 S6	80,91 oct. 100 oct. for Army.
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7, 126.18, 122.5
→ [Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct. Port lgts prior req.
Wilson (Wichita, Kans)	7.6 NE	1410	29 L S6	80,91 oct. P-line N,NE,NW.
Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only. Pwr line N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WICHITA	110.3	335	3°		MM- ·– ·– ·(0.69)	OM- ––(5.37)
					MMK-201 –·· (	OMK- 317 ·––·
WILL ROGERS	109.9	333.8	350°	IM-	MM- ·–·–(0.66)	OM- ––(4.6)
					MMK-	OMK-

NEW FACILITIES

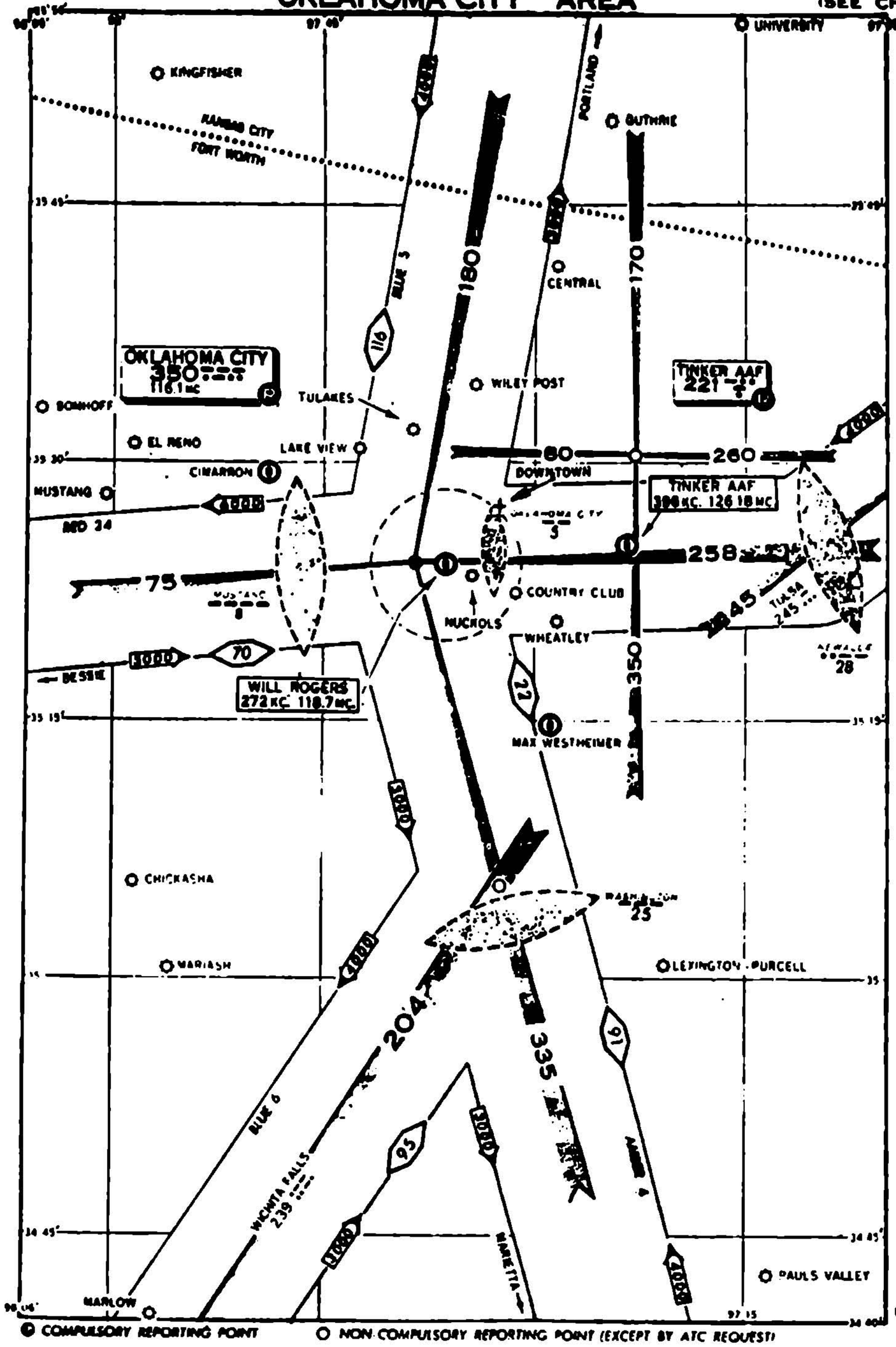
→ Lexington-Purcell (Lexington, Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct. rough N. Ctn when wet
Country Club (Okla. City, Okla)	7.3 S;hwy E	1250	19h S6	80 oct.
(P) Winfield-Arkansas City (Winfield, Kans)	5.7 SSW;RR SE	1150	58h L5 S2	80 oct. No bcn. Use strips.
BEECH Tower (Wichita, Kans)	239		CI	3105, 6210 (7-17) daily except Sun & holidays.
→ Downtown Arpk (Okla City)	1.5 SW	1132	26h S2	80 oct. (Okla)

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 6210 kcs. (4)-3105, 6210, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 126.1, 127.25, 149.55 mcs.
● A.A.C.S. Scheduled Broadcast on 4795 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
→ New or revised data. [Items]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are lettered and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 85)



WICHITA AREA

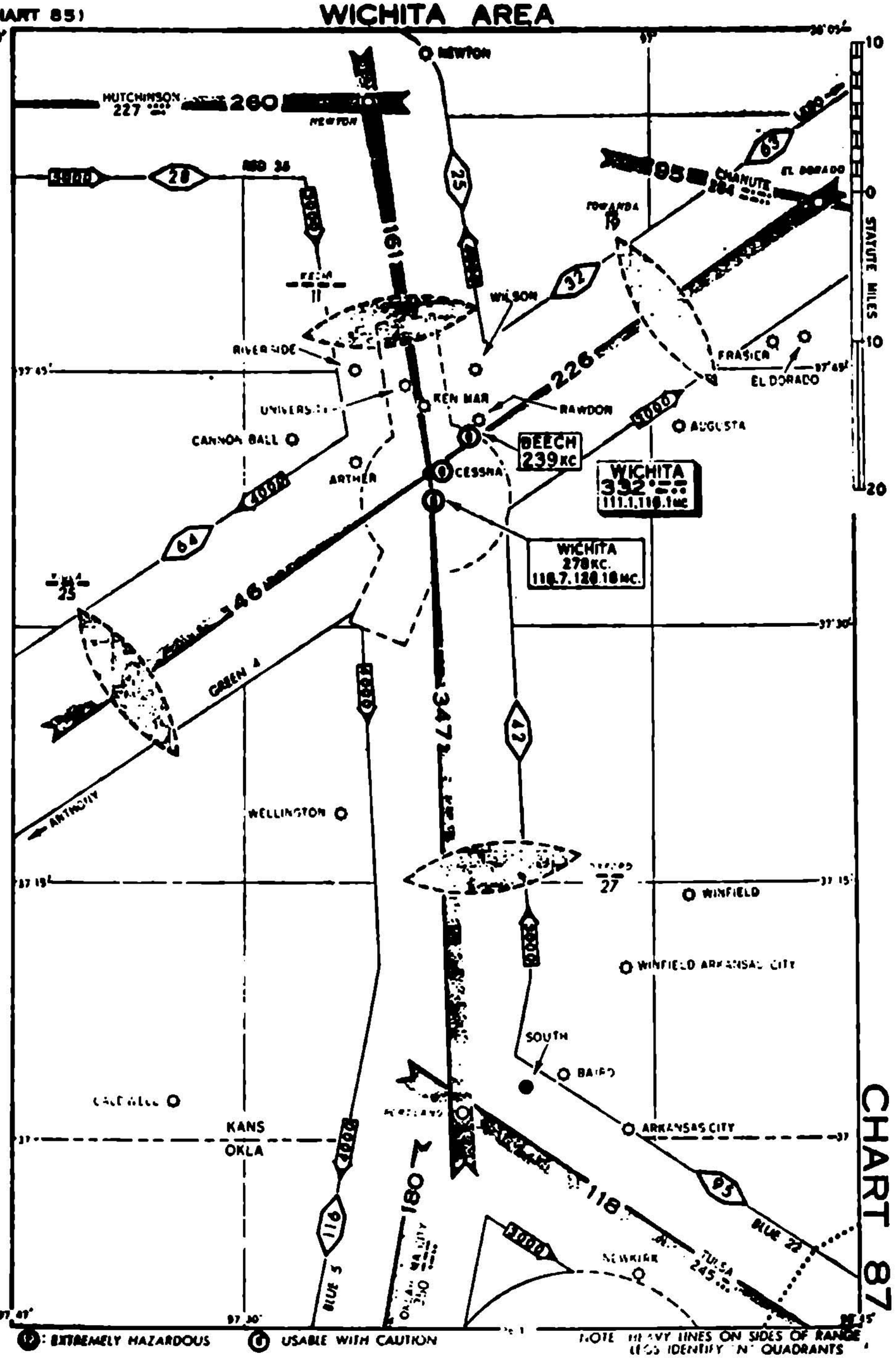


CHART 87

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) Ⓔ: EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126.18,118.5, 122.5 (7-23)
(NG) [Adams](Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct. 73,100 oct, JP-1,2-ech maint NG.
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd, Trees E.
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct, P-line S.PRIVATE
American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80,91 oct,SE blkd, P-line W.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;hwy 1.3 E.	948	40h L S6	80 oct. Flood,obst lgts
Bailey (Cabot, Ark)	0.5 W;RR SE	270	16 S2	80 oct.Trees sur fld.
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct.N blckd.Hwy E
Batesville (Ark)	3 S;hwy E	400	25 S3	80 oct.N,W blkd.P-line;
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd. [E W,N,
Benton (Ark)	1.6 W;hwy N	300	20 S2	80 oct.P-line S.Trees
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	70 oct,Trees S.hwys N,S.
Biggers (Ark)	2 ESE	290	45	RR 2 NW Cattle on fld.
BLYTHEVILLE Range (Ark)	221 (LY)	226°, 14.2	RLWZ	
(P) Blytheville (Ark)	3.5 NW	254	50h S6	80,91 oct.
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct.N,S blkd.Hwy N.
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct.
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct.Floodlgts; port rnwy lgts.Poles
Branson (Mo)	4 W;mtn NNW	1089	19 S4	80 oct.W,NW blkd] SE.
(P) Brinkley,37,DL-LV (Ark)	1 E;hwy N	188	31 L3 S1	80 oct. days.Obst NW. Heavy acft emerg only.
Cabool (Mo)	0.8 SW		18 S1	80 oct. Data unver.
Cape Commercial (Mo)	4.8 SW;Hwy N	340	35	CLOSED.P-line N
Carbondale (Ill)	1E;lk1.5SW	450	23 S6	80 oct.
(P) Carlisle Aux. (Ark)	3 NE;RR 1.5 S	236	45h	
Carthage (Mo)	See Meyers Field under "New Facilities" - name changed			
Cassville (Mo)	3.9 S;hwy E	1375	26 S1	80 oct.P-line NE.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W.Data un-
Charleston (Mo)	1 ESE;RR NW	300	31 S2	80 oct.Poles Siver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway: 5388 x 4695'.
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 I.1 S6	80 oct.P-line N.
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct.P-line E. (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct.P-line N,E.
Cooter (Blythev'l,Ark)	10 NE			ABANDONED
Copp (Calico Rock,Ark)	1.8 N	425	18	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S6	73,80 oct.P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct.SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S.
Embry Riddle (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
Erwin (Newport,Ark)	2.6 SE;rd S	220	45h	CLOSED. Cattle on fld.
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct.Poles E,N
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	4.5 S;riv E	1251	38 S6	80 oct. P-line SW;ctn.
Fleeman (Manila,Ark)	0.8 S;RR N	240	32 S2	80 oct.P-line N,NE.
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct. (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S. S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) [Fort Smith] (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-line ESE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED, Stacks W.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct.N/S strip rough.
Girard (Kans)	1.7 WNW; hwy S	950	14	Obst sur fld. Poles W.
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern,Ark)	2.2 WSW	275	26 S2	73 oct.P-line NE.RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct.P-line N.
Harrison (Ark)	4.1 NW;RR, 3 S	1380	32 S2	80 oct.SE,S,NW blkd.
Heber Spgs (Ark)	1.5 NNE;hwy E	625	24 S1	80 oct.P-line E,N blkd.
Hazen (Ark)	3.8 WSW	225	45h	
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
J.B.Wilson (Joiner,Ark)	0.5 ENE			ABANDONED.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	See Brown University under "New Facilities"-name changed.			Caution.
John's Arpk.(Flippin)	0.3 NNW	620	27 S1	80 oct.N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR all sides	264	44h S6	80,91 oct.Use (Ark) rnwys.
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S6	80, 91 oct. P-line NE
Kennett (Mo)	1.3 E;RR W	260	26	30' poles N.
Kennon (Union City, Tenn)	3.2 WSW; hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct.Poles S.Hwy ESE
* Lebanon , 54B, AQ-LS	2.5 SSE	1380	26 L3 S6	80 oct.(Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct.Port rnwy lgts P-line N,S.Wires W.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116.1, 122.1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S. S blkd.
McFarland (Springfield)	4 SSE; hwy E	1310	34 S6	80 oct. P-line S,NW(Mo)
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" - Name changed.			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W.
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED.
Manila	1.6 NE	240	55	Cattle on fld.
Marks (Miss)	1.5 NW;hwy S	165	22 S2	80 oct.Trees N,E.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116.1, 122.1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126.18,122.5,118.7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR 2 NE	269	52h L6 S1	80,91,100 oct.JP-1 Rdo rqrd.P-line SW.
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct.P-line S.No bcn.Lgts prior req. Rnwy lgtg data unver.
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73,91,100 oct. Lgts on
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E req.
Millstown (Tuckerman,	4.5 E;	244	45h	(Ark).Emerg only.
Monett (Mo)	0.5 NE;hwy S	1392	26 S4	80 oct. P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W.
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct. Data unver.
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct. P-line SW,NW
Neosho 43B,AQ-SL(Mo)	2.8 SW;hwy E	1215	26 L3 S6	80 oct.P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts on req.
Norman (Ola , Ark)	1.8 NNE			ABANDONED
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E wet
Overholt (Cotton Plant)	3 W;hwy S,W	250	18 S1	(Ark) 80 oct,Ctn when
(P) Oxford (Miss)	8 S;hwy E	300	30 S6	80,91 oct, Trees NW,Soft.
Paris (Ark)	1.8 NE;RR W	500	23 S1	80 oct.SW,W blkd, P-line,
Poteau (Okla)	1.5 SSW	460	19 S6	80 oct.P-line NNW,E,NE.
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N.
(P) Prairieville (Almyra,Ark)	3 W	205	45h	
Ramsey (Campbell,Mo)	1.5 SW;RR NW	295	18 S2	80 oct. NE.
Rogers (Ark)	2.7 N;RR E	1325	32 S6	80 oct. SE blkd.Trees
Rogers Arpk (Springfield, Mo)	2.1 E;hwy W	1367	38 L4 S6	80,91 oct. Lgts prior req. Pwr line N
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. PRIVATE. SW
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	51 S6	80,91 oct.Trees N,SE.
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct.P-line NE,SE.
Sexton (Bennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
Springdale (Ark)	0.8 SSE; RR,5 W	1200	19 S4	80 oct. P-line NE,SW S,NW blkd.
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct, JP-1 ArmyUse rnwys only
Steele (Blythev'l,Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.5	MRLWZ	
(P) Stuttgart (Ark)	7 N;RR E	223	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
(P) Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	30 S6	73,80 oct.
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	80,91 oct.Twr NW lgtd.
Tucker (Hughes,Ark)	1.1 S			ABANDONED.
Walcott #3 (Walnut Ridge, Ark)	14.2 ESE	285	45h	2 W of Walcott.CLOSED. NOT MAINT.Cattle on fld.
WALNUT RIDGE Range (AAF) (Ark.)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge AAF (Ark)	4 NE;RR SE	275	50h	CLOSED.
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

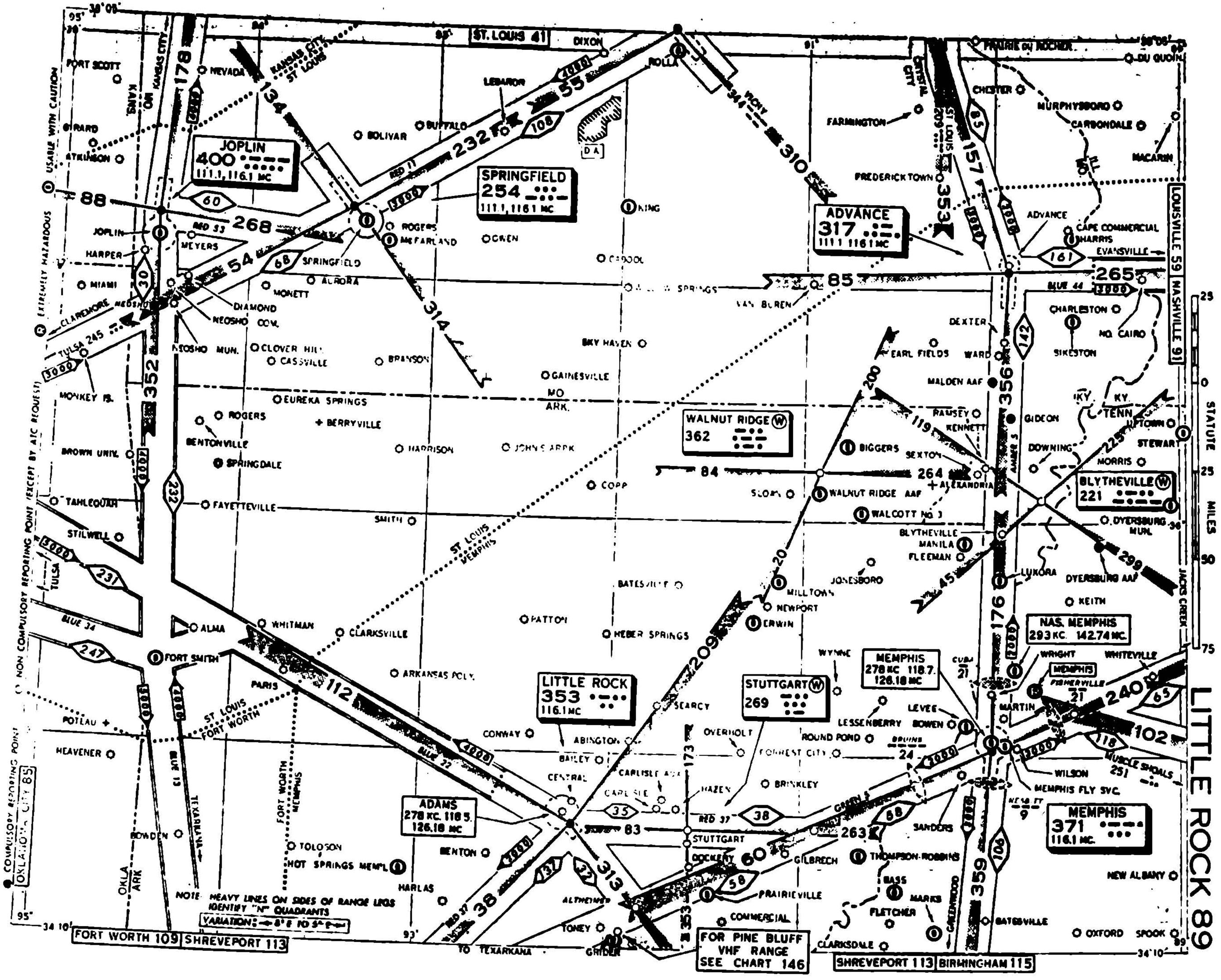
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
MEMPHIS	109.9	333.8	86°	IM-	MM- (0.69)	OM- (4.88)	
					MMK-201	OMK- 215	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Spook (Pontotoc,Miss)	2 W;hwy N	3000	15 S1	80 oct.P-line N.
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Ozark,Ark)	1.2 NNW	600	25 S1	80 oct. Hwy SW. Bldg SW,
Martin (Memphis,Tenn)	6 ENE;RR N	258	22 S6	80,91 oct.P-line S.
Ozark Skyranch (Eureka Springs,Ark)	See Eureka Springs under "New Facilities" - name changed.			
Central(N.Lit'l Rock,Ark)	5 ENE;hwy S	255	35 S4	80 oct.Trees W.Caution.
New Albany (Miss)	2 W;hwy S	450	15 S1	80 oct.All apps.blkd exc N,S
Wright (Memphis,Tenn)	9N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Oblon,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR SE	350	12 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.3 N	650	24 S1	73 oct.P-line both ends.Soft.
Lessenberry(Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S;hwy E	755	25 S1	Ltd 80 oct,Trees sur fld.Soft.
Pocahontas (Ark)	2 SE;riv .5 N	250	30 S1	80 oct.
Alexander (Paragould,Ark.)	12 NE		25	Trees N,S.Data unver.
Stewart (Union City,Tenn)	5 ESE;hwy NE	340	18h L S6	80,91 oct.Flood lgts.
Meyers (Carthage,Mo)	2 S;hwy E	1007	26 L S6	80 oct.Port rnwy lgts.
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80oct P-lineNE,SW,E,S
Harper (Joplin,Mo)	2.5 W;hwy N	1050	30 S6	80 oct.N,S,SW blkd Poles
Owen (Seymour, Mo)	3 NE;orchard E	1600	21 S2	80 oct.Use strip only NW,
Gainesville (Mo)	2.0 ENE;hwy SW	1060	18 S1	80 oct.Trees NW NE
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE;bldg N
Clover Hill Airstrip	0.7 WNW	1530	13	Use strip only
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct.N blkd.
Downing (Hayti, Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N;trees S
Buffalo Mun.(Mo)	1.2 NW;hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N;p-line S
Dixon (Mo)	1.5 W;RR S	1220	16 S1	80oct TreesNNE,NW
Sikeston (Mo) [Ark.]	2 NE; RR S	315	58 S6	80 oct. P-line W.
(P)Hot Springs Memor'l	3 S;hwy N	525	41h L5 S6	80,91 oct. Lgts prior req.
Eureka Springs (Ark)	6.5 NW;riv E	1150	24 S1	80 oct,NW blkd.
Brown University(Mosley,Okla.)	3.6 ESE;hwy S	1183	27 S6	80 oct.Appchs blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (2) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 9117.5 kcs. Parenthetical Numbers in Frequency Columns indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —●— New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JOPLIN
400
111.1, 116.1 MC
SPRINGFIELD
254
111.1, 116.1 MC
ADVANCE
317
111.1 116.1 MC
WALNUT RIDGE
362
BLYTHEVILLE
221
LITTLE ROCK
353
116.1 MC
STUTTGART
269
MEMPHIS
278 KC. 118.7.
126.18 MC
NAS. MEMPHIS
293 KC. 142.74 MC.
MEMPHIS
371
116.1 MC.
ADAMS
278 KC. 118.5.
126.18 MC
FOR PINE BLUFF
VHF RANGE
SEE CHART 146
ST. LOUIS 41
KANSAS CITY
ST. LOUIS
ST. LOUIS
MEMPHIS
ST. LOUIS
FORT WORTH
FORT WORTH
MEMPHIS
TULSA
OKLA
ARK
TEXARKANA
LOUISVILLE 59
NASHVILLE 91
JACKS CREEK
LITTLE ROCK 89
STATUTE MILES
NON COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8° E TO 5° E
FORT WORTH 109
SHREVEPORT 113
SHREVEPORT 113
BIRMINGHAM 115
TO TEXARKANA
PORT SCOTT
GIRARD
ATKINSON
JOPLIN
HARPER
MIAMI
CLAREMORE
MONKEY IS.
BROWN UNIV.
TAHLEQUAH
STILWELL
TULSA
ALMA
FORT SMITH
POTEAU
HEAVENER
BOWDEN
NEVADA
BOLIVAR
BUFFALO
LEBANON
ROLLA
DIXON
MEYERS
SPRINGFIELD
ALDORA
MONETT
DIAMOND
NEOSHO COM.
NEOSHO MUN.
CLOVER HILL
CASSVILLE
BRANSON
ROGERS
MEFARLAND
OWEN
KING
CABOOL
VAN BUREN
BKY HAVEN
GAINESVILLE
MO
ARK.
EUREKA SPRINGS
ROGERS
BENTONVILLE
SPRINGDALE
BERRYVILLE
HARRISON
JOHNS ARPK
COPP
FAYETTEVILLE
SMITH
WHITMAN
CLARKSVILLE
ARKANSAS POLY.
PARIS
PATTON
HEBER SPRINGS
BATESVILLE
JONESBORO
MILLTOWN
NEWPORT
ERWIN
SEARCY
CONWAY
ABINGTON
BAILEY
CENTRAL
CARLISLE
HAZEN
OVERHOLT
FORREST CITY
BRINKLEY
ROUND POND
LESSENBERRY
LEVEE
BOWEN
WYNNE
CUBA
WHITEVILLE
WRIGHT
FISHERVILLE
MARTIN
WILSON
MEMPHIS FLY SVC.
SANDERS
GILBRECH
THOMPSON-ROBBINS
BASS
MARKS
FLETCHER
GREENWOOD
BATESVILLE
OXFORD
SPOOK
NEW ALBANY
KEITH
LUXORA
DYERSBURG AAF
DYERSBURG MUN.
BLYTHEVILLE
MANILA
FLEEMAN
WALCOTT NO 3
WALNUT RIDGE AAF
BIGGERS
SEXTON
SLOAN
ALEXANDRIA
RAUSEY
KENNETT
GIDEON
DOWNING
MORRIS
STEWART
TENN.
KY.
KY.
DEXTER
EARL FIELDS
WARD
MALDEN AAF
CHARLESTON
NO. CAIRO
SIKESTON
EVANSVILLE
HARRIS
CAPE COMMERCIAL
ADVANCE
FARMINGTON
FREDERICKTOWN
CRYSTAL CITY
PRAIRIE DU ROCHER
DU QUOIN
CHESTER
MURPHYSBORO
CARBONDALE
MACARIN
PRAIRIEVILLE
COMMERCIAL
TONEY
GRIDER
ALTHEIMER
LOCKERY
STUTTGART
MUSCLE SHOALS
263
24
251
9
263
264
269
353
355
356
359
176
209
310
314
313
312
240
102
65
75
90
25
0
25
50
75
100
MILES

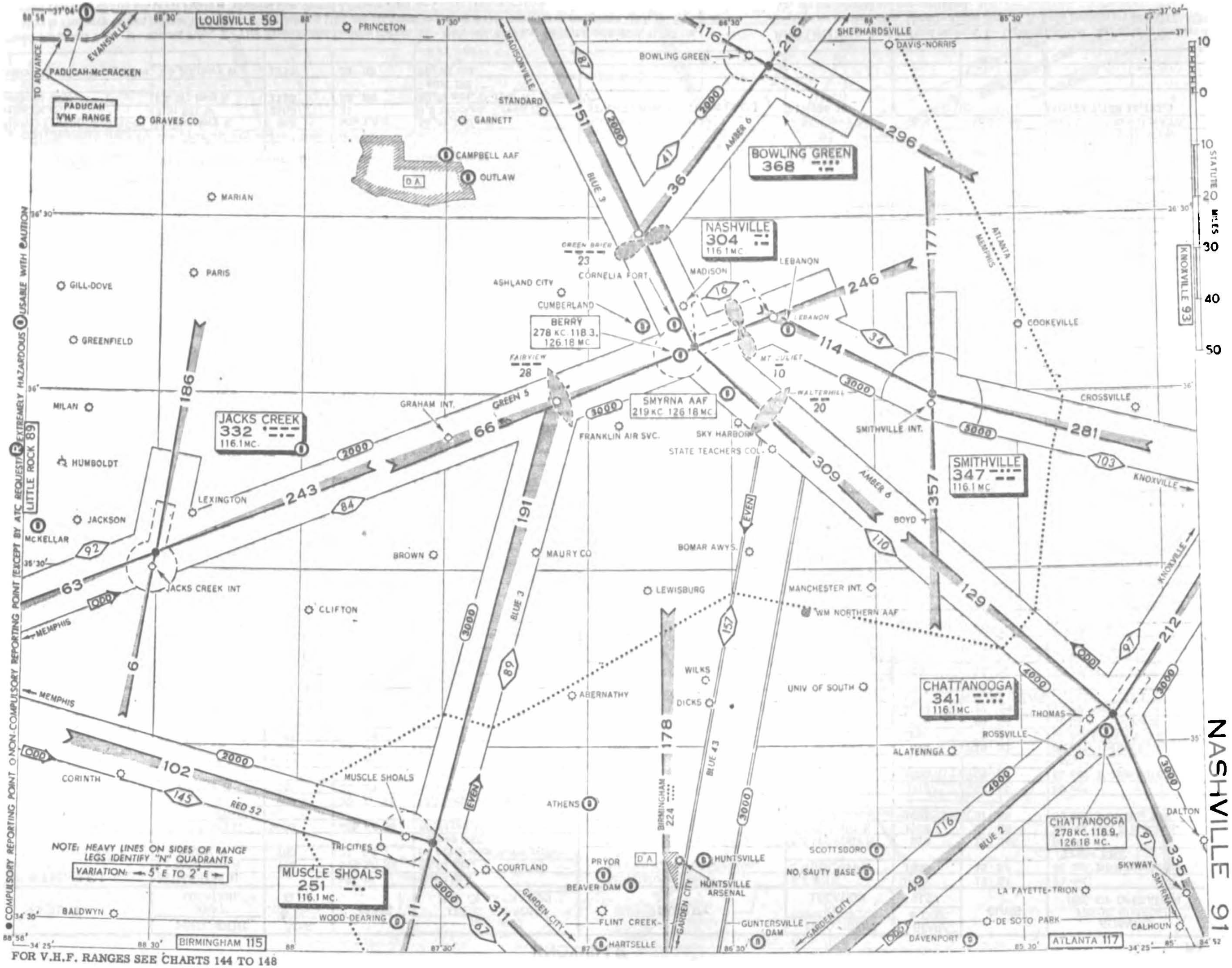
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Abernathy(Pulaski,Tenn	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW. req.
Athens (Ala)	3.2 NNW;hwy E	780	27 L S4	80 oct. Strip lgts prior
Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct. S blkd. Soft when wet.
Beaver Dam (Decatur)	7 E;RR 3.5 N	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(A) Berry (Nashville,Tenn	6 SE;hwy S	606	55h L6 S6	80-100 oct. 73,91,100 oct. Army
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct. Fld lgts on req.to commun. stn.
Boyd (McMinnville,Tenn	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE,SW
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S;RR E	557	54h	TMP INACT-NO FACS. CLOSED.
CHATTANOOGA Range (Tenn)	341(CB)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1.
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
Chattanooga-Lovell	5.5 E;RR E	678	45h L5 S6	80, 91 oct. (Tenn)
Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct. Sto. in emerg. Poles W.
Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	39 L3 S1	80 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct. Flood,strip lgts 2200, Mon thru Thurs.
Courtland (Ala)	1.8 W	588	50h	CLOSED.
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct. No sto.(Tenn)
Dalton (Ga)	5.7 ESE;riv NE	700	22 S1	80 oct. Trees N.
Davenport (Ft.Payne,Ala)	1.1 NE;RR,hwy NW	1010	24 L S4	80 oct. Flares prior req.
DeSoto Park Land Strip (Ft.Payne, Ala)	6 NE;Top of mtn ridge	1556	18	Trees ESE,WNW. Rocky spots.
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	P-line E. Trees W.
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct. E blocked.
Garnett (Hopkinsv'l,Ky)	5.5 SSE;RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
★ Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	Reservoir S.P-line SE.
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct. Ctn.
Humboldt (Tenn)	4.6 ESE;hwy W			ABANDONED.
Huntsville (Ala)	3.1 S;RR E	610	38h S6	80-91 oct. Hills NE,E,S.
(A) Huntsville Arsenal (A)	7 SW;RR NW	677	50h L5	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186°, 2.6	BMRLZ-DTV	(4); 116.1
★ Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
NEW FACILITIES				
Flint Creek (Decatur,Ala)	5.5 SSE;hwy N	575	20	P-line NE.
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80,91 oct. SW blkd.(Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct. No sto.
Lexington (Tenn)	0.5 E;RR W	520	10 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
* Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct. P-line NW.(Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E;rd N	545	40h L5 S1	80,91 oct. No fuel for mil acft
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W
Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct. No sto. lgts prior req.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct. No sto. P-line N
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct. S blkd. Hwy E.
Sky Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
* Smithville Int,5,NA-WA	1 E;rd S	073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn)(A)	17 SE;RR SW	512	55h	TMP INACT-NO FACS.
S.T.College(Murfreesb'o)	2 E; hwy N	600	34 S4	80 oct. Poles N.(Tenn)
Thomas(Chattanooga)	3 N;RR E	640	38	(Tenn)
University of South	1.8 WNW;RR NE	870	23 S2	80 oct. (Cowan,Tenn)
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma, Tenn)
Wood-Dearing(Russellv'l,Tenn)	4 E	780	20 S4	Fuel from town

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BERRY	109.9		14°	IM-	MM-•—•—(0.81)	OM- — — (5.7)
					MMK-356 •—••	OMK-375 ••—
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM-••••••(0.81)	OM- — — (4.31)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →— New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ANDERSON H Fac. (S.C.)	296(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct.P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR 1 WNW	2090	40h L5 S4	80,91 oct.100 oct Army.
(P) Barksdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	P-line NE. 73,91 oct.Port rnwy lgts.
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto.P-line WNW.
Black Mountain (N.C.)	1.8 SW; RR N	2270	18 S6	80 oct. Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	17 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct.Trees SSW,ESE.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct.Flood lgts on req
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct.P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas](Charlotte, N.C.)	5.5 W;hwy 5 N	745	52h L5 S6	80, 91 oct.P-line N.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80,91 oct.
Francis Marion (Marion,N.C.)	2.5 NE;RR N	1450	19 S6	80 oct. Hill E
Franklin (N.C.)	1.2 ESE;riv W	1996	28 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	19 S6	80 oct. Hill SSE.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts. on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2°,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW.
Hendersonville (N.C.)	1.5 ESE;hwy SW	2200	30 S6	80, 91 oct.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
Jasper (Ga)	1.2 NNW;RR SW	1935	16 S2	80 oct.
Johnson City (Tenn)	3.8 NE	1650	21 S6	81 oct. No sto.
Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°,2.8	SBRAZ-DTV	(3); 116.1, 122.1
KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
(P) Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	31 L2 S6	80, 91 oct.Poles SSW.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	23 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	See Spartanburg under "New Facilities" - name changed			
(N,P) [Memorial](Spartanburg,S.C)	See Spartanburg under "New Facilities" - name changed.			
(P) [McGhee-Tyson](Knoxville)	12 SSW;hwy E	988	50h L6 S6	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S4	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S. C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct.F-line W.Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;RR NW	664	28 S4	80,91 oct.P-line S.
Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17 S4	Trees NNW.
SPARTANBURG Range (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;RR N	795	19 S2	80 oct.
Statesville (N.C.)	3.6 WSW; RR SE	990	27 S2	80 oct. Trees N.
Sylva (N.C.)	2.4 NE;riv SW	2039	23 S2	80 oct.
TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

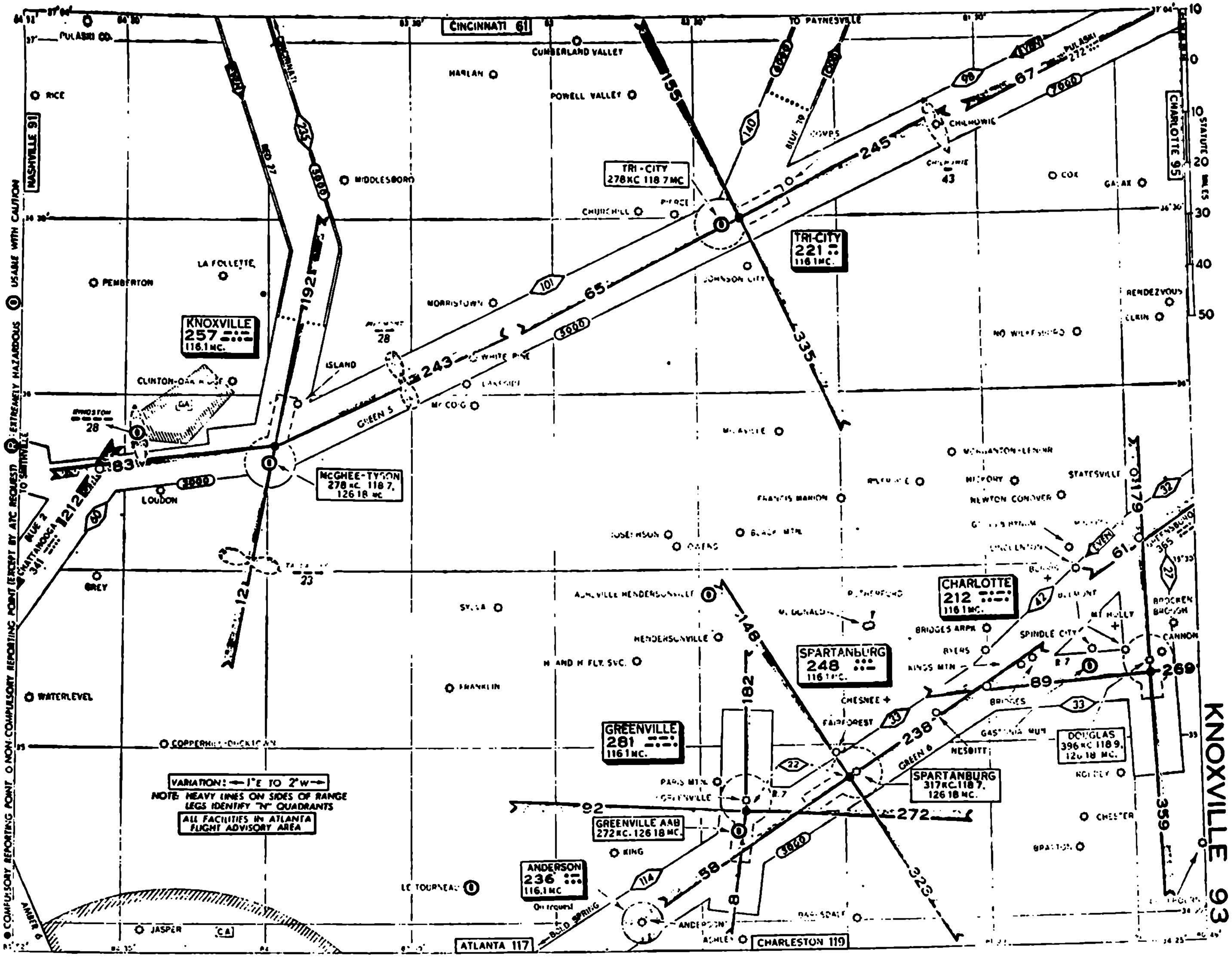
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Mc-GHEE TYSON	110.3	335	44°	MM- (0.61)	OM- (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

Combs (Bristol,Va)	3 NE	1865	20 S6	80 oct.P-line N.
McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5
Harlan (Dillon,Ky)	0.5 E;RR N	1150	21 S1	80 oct.Pole E.Ctn.Mtns
Riverside Arpk (Morganton,N.C.)	2 W;riv NE	1020	22 S2	80 oct.Mtn E.
Rendezvous (Jonesville,N.C.)	1 E;riv N	1000	22 S1	80 oct.NW blkd.
Bratton (Chester,S.C.)	1.4 SE;RR SW	550	17 S2	80 oct.Emerg. only.
Copperhill-Ducktown	2.5 NE	1700	15	(Copperhill, Tenn)
Waterlevel (Cleveland,Tenn)	3 SSE;hwy N	800	20 S1	80 oct. N,S blkd.
Grey (Athens, Tenn)	2.2 N;RR E	691	23 S4	80 oct.
Pemberton(Glenmary,Tenn)	0.8 NNE;RR W	1370	18	E.W blkd.
White Pine (Tenn)	0.5 S;hwy E	1160	18 S1	80 oct.
Mc Coig(Newport, Tenn)	5 W;hwy N	1330	16	P-line E.
London (Tenn)	1.8 WSW;riv 1 N	800	14 S1	80 oct
La Follette(Jacksboro,Tenn)	1.5 NE;RR NW	1129	18 S1	80 oct.
Clinton-Oak Ridge(Clinton)	4.6 S;rd S	860	20 S4	80 oct.P-line WSW;ENE blkd.
Churchill (Tenn)	1 SE;riv 1 S	1240	22 S1	80 oct. (Tenn)
Mt. Holly (N.C.)	2.5 NW;hwy,RR E	850	20	
Nesbitt (Gaffney,S.C.)	2.1 WNW;hwy SE	800	15 S1	80 oct.E,erg only.NNE blkd.
Cox Fld (Independence,Va.)	4.5 WSW;riv S	2459	16 S2	80 oct.Hill E,W.
Cumberland Valley(Lynch,Ky.)	2.8 NNE;hwy N,W	1530	18 S2	80 oct.Mtns ENE,WSW.
(N,P) [Spartanburg] (S.C.)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct.100 mil.NATS.
SPARTANBURG Tower (S.C.)	217(126.18) 118.7)		C	(4);118.7,126.18,122.5

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ✢ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ☆ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93
CINCINNATI 61
NASHVILLE 91
CHARLOTTE 95
TO PAYNESVILLE
PULASKI CO.
RICE
HARLAN
CUMBERLAND VALLEY
POWELL VALLEY
MIDDLESBORO
CHURCHILL
PIERCE
CHILHOWIE
COVPS
COX
GALAX
LA FOLLETTE
PEMBERTON
MORRISTOWN
JOHNSON CITY
RENDEZVOUS
CLERIN
ISLAND
WHITE PINE
LANGSTON
McCOMB
GREEN 5
LOUDON
McGHEE-TYSON
278 RC 118 7
126 18 MC
KNOXVILLE
257
116.1 MC.
TRI-CITY
278 RC 118 7 MC
TRI-CITY
221
116 1 MC.
CHARLOTTE
212
116 1 MC.
SPARTANBURG
248
116 1 MC.
GREENVILLE
281
116 1 MC.
SPARTANBURG
317 RC 118 7.
126 18 MC.
DOUGLAS
396 RC 118 9.
126 18 MC.
GREENVILLE AAB
272 RC. 126 18 MC.
ANDERSON
236
116.1 MC
On request
GREY
WATERLEVEL
JASPER
FRANKLIN
H AND H FLY SVC.
SYLVA
HENDERSONVILLE
ASHEVILLE HENDERSONVILLE
ROBERSON
OTARS
BLACK MTN.
FRANCIS MARION
McPHERSON
NEWTON CONOVER
STATESVILLE
BRIDGES ARPK
KINGS MTN
SPINDLE CITY
MT HOLLY
CHESNEE
FAIRFOREST
GASTONIA MUN
NESBITT
BRIDGES
ROCKREN
CANNON
CHESTER
GRAFTON
PARIS MTN
GREENVILLE
KING
LE TOURNEAU
ANDERSON
BIG SPRING
PAGESDALE
ATLANTA 117
CHARLESTON 119
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
CHATTANOOGA 341
BLUE 2
AMBER 6
STATUTE MILES
0
10
20
30
40
50

CHARLOTTE

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
CHARLOTTE (Douglas)	212(CF)(116.1)	BMLZ-DTV;359°, 1.7	(3);116.1,122.1
DOUGLAS ARPT. (Charlotte)	396(126.18 118.9)	C	(4); 126.18,118.9,122.5
GREENSBORO	365(GW)(116.1)	SBRAZ-DTV	(3);116.1,122.1
Greensboro-High Point Airport	219(126.18 118.7)	C 241°, 1.5	(4);118.7,126.18,122.5
LUMBERTON	278(FNE)	MH	(3)
POPE (Ft. Bragg) (Army)	338(DOP) (116.1)	SBMRAZ-V ;355°.2.3	(3); 116.1
Pope Field	396(126.18)+	CA(ILS);355°, 2.3	(3);126.18
RALEIGH (Raleigh-Durham Arpt.)	350(DU)(116.1)	SBRAZ-DTV(ILS) 299°, 3.8	(3);116.1,122.1
SMITH-REYNOLDS AIRPORT (Winston-Salem)	278 (126.18, 118.3)	C	(4); 126.18,118.3,122.5
WINSTON-SALEM (Smith-Reynolds Airport)	379 (DWS)	SMRLWZ;328°.5	

SOUTH CAROLINA

FLORENCE	320(FLO)(116.1)	SBMRLZ-DTV, 292°,1.7	(4);116.1,122.1

[redacted]

DANVILLE	344(VE)(116.1)	MHTV	(4);116.1 (Manned 8-24)
PRESTON GLENN (Lynchburg)	248	C	(4)
PULASKI (Loving)	272(US)(116.1)	SBMRAZ-DTV, 247°, 2.1	(4); 116.1
ROANOKE (Woodrum Field)	371(RO)(116.1)	SBRAZ-DTV, 349°,1.8	(3); 116.1
WOODRUM FIELD (Roanoke)	278 (118.5)	AC	(4); 122.5,118.5,126.18

NEW RADIO FACILITIES

RALEIGH-DURHAM (Raleigh),N.C.	266(126.18, 118.3)	C	(4);126.18, 122.5,118.3

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
POPE(A)				DECOMMISSIONED		
RALEIGH,	109.9	333.8	48°	IM-	MM- ·-·- (0.62)	OM- ——(4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Columns Indicate VHF Voice

+ - Army A.C.S. transmits on and guards 116.1. 137.88, 140.58 mcs.

AIRPORTS — NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aberdeen Inc.	1.2 W,RR N	450	25 S2	80 oct E,SE,W,NW blocked
Asheboro	1.8 SSW	864	18 S6	80 oct. Hwy NW.
(A)Balloon (Ft. Bragg)(A)	1 NNW,RR E	225	22	
Belmont	1.3 NE,riv E	740	20 S6	80 oct. No sto. P-line WNW
Bridges(Kings Mtn.)	1 SW,RR SE	930	34 S2	80 oct.
Brockenbrough (Derita)	3.8 WNW, RR E	800	22 S6	80 oct. Pole line SSE
Brooks(Red Springs)	1.2 N,RR SE	208	26	
(P)Burlington	4 SW,hwy W	638	37h L5 S6	80 oct. Pole line S.
Burris(Lincolnton)(NC)	2.2 SW,RR SE	960	10	UNUSABLE.
(A)Camp MacKall AAF (A) (Hoffman)	3.5 E	350	50h	TEMP INACT. NO FACS
Candor (NC)	1.1 E,RR N	710	19	NE,SW,WNW blkd.
Cannon (Charlotte)	3 WNW,hwy S	766	24 L S6	80,91 oct. Flood lgts req
Carolina Arpk Inc. (Kannapolis)	3.1 SSE;RR W	730	19 S3	80 oct.
Caswell (Yanceyville)	3.2 W; hwy E	640	20 S2	80 oct line W, S
Coley (Concord)	2 SW,	790	12 S2	80 oct. Trees ESE,Fwr
Colonial Flying Svc. (Mt. Airy)	1.4 NNE, Quarry SE	950	20 S2	80 oct. Pole line, trees NNW.
Concord	4.5 ESE,rd E,S	700	19 S6	80 oct. Pole line NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII, NC-(not charted). → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delta Air Base (Charlotte)	6.7 E,hwy S	750	31 S6	80,91 oct. No sto. Poles NW
(P)DOUGLAS(Charlotte)	5.5 W,RR N	745	52h R2 L5 S3	80,91 oct.
Durham Airways	7.8 N,RR 2E	480	15 S6	80 oct. Trees N,S.
Elkin	2.8 SW,RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Erwin	1 SW,riv SW	195	30 S4	80,91 oct.
Fairchild (Burlington)	1.5 E,RR S	640	35h S4	80 oct. Trees N
Fayetteville	5 N,hwy E	238	36 L1 S6	80 oct. Pwr line E.
Fraley (High Point)	2.5 SSE,RR W	1000	17 S6	80 oct. Strips rough. Trees SE.
Gastonia	1.3 SW			ABANDONED
Gastonia, mun.	4.5 SSE,hwy SW	800	30h L S1	80,91 oct. Port. rnwy lgts on req.
Gilmore No. 1(Julian)	0.6 SE,RR N	760	10 S1	80 oct.
Gilmore No.2 (Silver City)	4.1 SE,RR W	550	22	Trees N,S blkd.
(N)GREENSBORO-HIGH → POINT	8 WNW,RR SW	905	40h R2 L5 S6	80,91,100 oct. NATS P-line SW.
Hickory	2.2 W,RR S	1180	40h S6	80,91 oct.
Hogan (Chapel Hill)	3.8 NW;hwy E	530	20 S2	80 oct. Trees SSE.
Horace Williams (Chapel Hill)	1.3 NNW,RR W	502	49 S4	80 oct.
Kannapolis	2.8 N,RR E	750	23 S6	80,91 oct. Trees WNW.
Kings Mountain	3.5 SW,RR SE	980	23 S2	80,91 oct.
Knollwood (Pinehurst)	5 NE,hwy W	455	53 L5 S4	80,91 oct.
Laurinburg-Maxton (Maxton)	3.5 N,riv E	220	65h L5 S6	80,91 oct. No flood lgts. Data unver. Lgts on req.
Lee County (Sanford)	1.5 SE;RR W, S	400	19 S4	80 oct. Pwrline sur fld.
Lexington	2.3 SW,RR E	735	21 S1	80 oct. Pole lines SSW.
Lillington	1.1 NNE,RR S	210	15 S2	80 oct. Pole line NW.
(P)Lumberton	3 WSW	126	50h R1 L2 S6	80,91,100 oct. Hwy NNW.
McLean Brothers (Gibsonville)	0.5 SW,hwy NE	723	18 S6	80 oct.
Mayo (Mayodan)	0.8 W,riv E	900	24 S2	80 oct. P-line N,S. Trees W
Mocksville	2 W,RR E	800	14 S2	80 oct.
Monroe, com.	2.8 SSE	600	20 S2	80 oct.
Monroe, mun.	2 NNW,hwy S	680	29 S4	80,91 oct. P-line SE,SSW.
Mt. Airy	2.2 SW,RR E	1050	20 S2	80 oct. WSW
Newton-Conover (Newton)	2 N; RR, hwy E.	1030	15 S6	80 oct. NNE blkd. Trees ENE.
North Wilkesboro	1.3 WSW,riv S	970	15 S6	80 oct.
Parkers (Eagle Spgs)	1.8 NW,RR	700	40 S1	80,91 oct SW blkd.
Pharis (Durham)	8.1 NE,RR E	310	26 S4	80,91 oct. Pole line, trees NE,WNW,SW.
Pine Acres (Laurinburg)	3.1 SW,RR NNE	205	12 S1	80 oct.
Plaza (Charlotte)	5 NE,RR N	740	20 S6	80 oct. P-line S
(A)Pope (Ft. Bragg)(A)	2 NW,riv NW	220	52h R3 L5 S6	73,100 oct
Raleigh	3.3 SSW,RRW	364	28h S6	80,91 oct.
→ RALEIGH-DURHAM (Raleigh)	10.5 NW;hwy 1.5 NE	435	45h R3 L6 S6	80,91,100 oct.
Reidsville	3.2 SE,riv S	822	25 S6	80 oct.
(P)Rockingham-Hamlet	3.5 S,RR E	358	46 S2	80 oct.
Routh (Greensboro)	3.3 S,RR E	840	18 S4	80 oct. Trees NE,E,SW
Roxboro	7 NE,RR 2,3W	600	24 S2	80 oct. blkd.
Salisbury	3 SW,RR E	764	25 L2 S6	80,91 oct. Trees ESE.
Skyline (Southern Pines)	4.5 NE,RR NW	460	21 S6	80 oct. N,S blkd.
(P)SMITH REYNOLDS → (Winston-Salem)	2.8 NNE,RR W	969	64h R2 L5 S6	80,91 oct.
Spindle City (Gastonia)	3.2 E;hwy N	795	19 S2	80 oct.
Stanly (Albermarle)	6 WNW,hwy S			ABANDONED
Statesville	3.6 WSW	990	27 S2	80 oct. Trees N. RR SE.
Thomasville	3.5 ESE,	860	14 S2	No fuel. hwy N.
Tri-City (Draper)	1.2 W,riv W	560	26 S2	80 oct.
Upchurch(Raeford)	0.5 NNE	255	15 S2	80 oct. RR SSW.
Wadesboro	3.7 NNE	220	18 S4	80,91 oct. RR S
Warf (Reidsville)	3.8 SW,hwy W	820	23 S2	80 oct. Trees NNW,SSE
Whiteville	3.7 S,RR N	60	18 S1	Ltd 80 oct. blkd.
Young Airfield (Oxford)	1.8 SW,RR NW	475	18 S1	Ltd 80 oct.

SOUTH CAROLINA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P)Chester	5 NNE,RR W	709	50h S4	80 oct. No sto.
Coulbourn (Lancaster)	1 SSW,hwy SW	560	32 S4	80 oct.
Florence	3.5 E,RR SW	146	60h R1 L5 S1	80,91 oct.
Hartsville	2.1 NNE,	230	25 S2	80 oct. Hwy S.
(P)Hartsville (Darlington)	10 N,hwy E	190	50h	
Huggins (Timmonsville)	1.5 ENE, hwy NW	149	18 S4	80 oct. Pwr line NNW.
Kershaw	4 S,RR W	475	21	
Little Rock	2.5 SE,hwy W			ABANDONED
Lynch Bellinger (Cheraw)	4.2 WNW, RR S	400	22 S4	80 oct. No sto. Pole line S, WSW.
Palmer (Bennettsville)	3.4 NNW, hwy E			ABANDONED WSW.
→ Roddey (Rock Hill)	2.7 SW;lake S	664	28 S4	80 oct. ESE blkd; p-line
Rowe (Bennettsville)	1.5 NE	190	29 S5	80,91 oct. Trees SW.
(P)Woodward (Camden)	2.9 NE,hwy E	300	30h S1	80,91 oct.

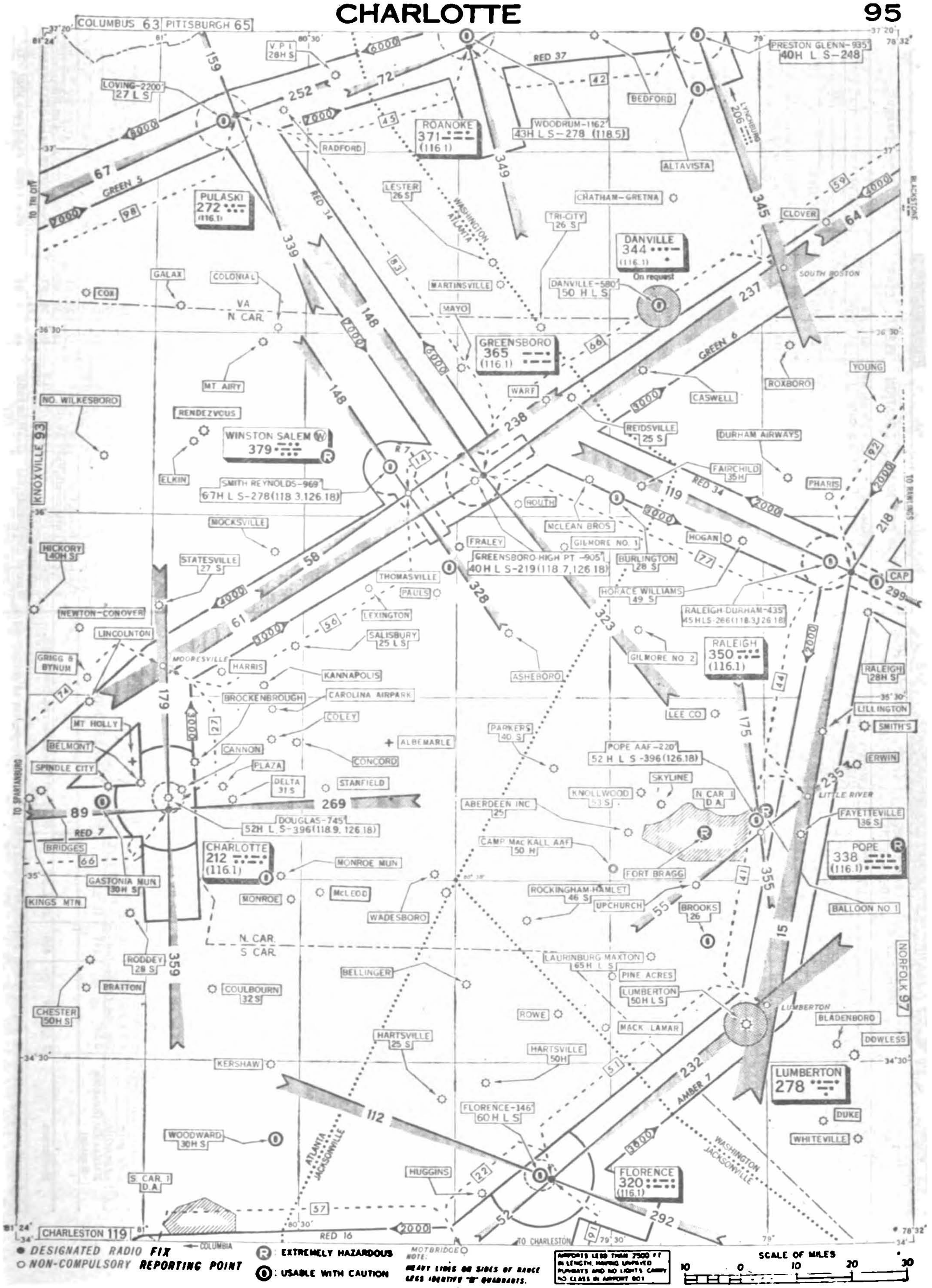
[redacted]

Altavista	5.7 ENE;riv 2S	650	21	
Bedford	1.3 WSW,	1050	16	PRIVATE. RR N
Clover	3.5 SSW, riv E	350	20	Trees E,W,SE,NW. House E,SE.
(P)Danville	3.4 ESE	580	50h R1 L5 S6	80,91 oct.
→ Galax,	6.5 S,hwy E	2575	18 S6	80 oct. Hill SSE.
Lester (Martinsville)	0.8 NNW, RR N	1000	24 S6	80,91 oct. 20-75' bldgs SE.
→ Loving, 35A. NA-WA (Pulaski)	2.8 N;hwy jct NE	2200	28 R1 L3 S4	80 oct. P-line E.
Martinsville	3.5 SSE, RR NE	800	16 S2	73 oct.
(P)PRESTON GLENN (Lynchburg)	6.7 SSW, RR SE	935	40h R2 L5 S6	80, 91 oct.
V.P.I. (Blacksburg)	1.3 SSE,RR W	2100	30h L S6	80,91 oct. Flood lgts only 100 oct army.
(P)WOODRUM (Roanoke)	4.2 NNW	1162	43h R2 L5 S6	80,91,100 oct. Hwy P-

NEW AIRPORTS

Harris (Mooresville) (N.C.)	2.5 ESE; RR NW	900	14 S2	80 oct.
Mc Leod (Wingate) (N.C)	1.5 SE; RR N	365	22 S4	80 oct. No sto
Pauls Air Park (Thomasville,N.C.)	6.5 SSE	775	26	80,91 oct.
Cap (Raleigh,N.C.)	3.5 NNE; RR E	460	35 S6	80,91 oct. High trees S, SW appchs, NNE blkd.
Duke Fld (Chadbourn, N.C.)	1 N;RR SW	96	20 S4	80 oct. Trees N,S.
Radford, (Va.)	1 SW;RR N;W	1950	18 S1	80 oct. P-line W
Grigg & Bynum Arpk (Malden,N.C.)	2.5 S;hwy W	795	18	
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
Lincolnton (N.C.)	3.2 ENE	1500	30 S6	80 oct. P-line SSW
Rendezvous(Jonesv'l)	1.0 E;riv N	1000	22 S1	80 oct. NW blkd. (N.C)
Bladenboro (N.C.)	0.7 NE;RRW	110	24 S2	80 oct.
Smith's (Coats,N.C.)	1 N;RR	288	13 S1	80 oct. P-line SSE,NW.
Dowless(Abbotsburg)	0.2 N;RR S	99	24 S2	80 oct. SE, SW blkd.
Mack Lamar(Clio,S.C)	2.3 NE	172	21 S2	80 oct. E SE blkd. (N.C)
Chatham-Gretna (Va)	6 SE;ditch E	550	24 S2	80 oct. Trees ENE,WSW,W
Albermarle (N.C.)	1.7 NW	565	37	Data unver.
Cox Fld. (Independence, Va.)	4.5 WSW; riv S	2459	16 S2	80 oct. Hill E,W.

CHARLOTTE


COLUMBUS 63 PITTSBURGH 65
V P I 28H S
LOVING-2200 27 L S
PRESTON GLENN-935 40H L S-248
RED 37
BEDFORD
ROANOKE 371 (116.1)
WOODRUM-1162 43H L S-278 (118.5)
RADFORD
ALTAVISTA
LYNCHBURG 206
PULASKI 272 (116.1)
LESTER 26 S
WASHINGTON ATLANTA
CHATHAM-GRETNA
TRI-CITY 26 S
DANVILLE 344 (116.1) On request
CLOVER
SOUTH BOSTON
GALAX
COLONIAL
COX
VA
N CAR
MARTINSVILLE
MAYO
DANVILLE-580 50 H L S
GREENSBORO 365 (116.1)
WARF
MT AIRY
ROXBORO
CASWELL
NO. WILKESBORO
RENDEZVOUS
WINSTON SALEM 379
REIDSVILLE 25 S
DURHAM AIRWAYS
ELKIN
SMITH REYNOLDS-969 67H L S-278(118.3,126.18)
FAIRCHILD 35H
PHARIS
YOUNG
KNOXVILLE 93
MOCKSVILLE
SOUTH
MCLEAN BROS
GILMORE NO. 1
HOGAN
FRALEY
GREENSBORO-HIGH PT -905 40H L S-219(118.7,126.18)
BURLINGTON 28 S
HICKORY 40H S
STATESVILLE 27 S
THOMASVILLE
PAULS
HORACE WILLIAMS 49 S
RALEIGH-DURHAM-435 45 H L S-266(118.3,126.18)
CAP
NEWTON-CONOVER
LEXINGTON
LINCOLNTON
SALISBURY 25 L S
GRIGG & BYNUM
MOORESVILLE
HARRIS
KANNAPOLIS
ASHEBORO
GILMORE NO. 2
RALEIGH 350 (116.1)
RALEIGH 28H S
BROCKENBROUGH
CAROLINA AIRPARK
LEE CO
LILLINGTON
MT HOLLY
COLEY
PARKERS 40 S
SMITH'S
BELMONT
CANNON
ALBEMARLE
POPE AAF-220 52 H L S-396(126.18)
SPINDLE CITY
PLAZA
CONCORD
SKYLINE
ERWIN
DELTA 31 S
STANFIELD
KNOLLWOOD 53 S
N CAR I D A
LITTLE RIVER
ABERDEEN INC 25
FAYETTEVILLE 36 S
DOUGLAS-745 52H L S-396(118.9,126.18)
CAMP MACKALL AAF 50 H
POPE 338 (116.1)
BRIDGES
CHARLOTTE 212 (116.1)
MONROE MUN
FORT BRAGG
ROCKINGHAM-HAMLET 46 S
GASTONIA MUN 30H S
MCLEOD
UPCHURCH
BROOKS 26
BALLOON NO 1
KINGS MTN
MONROE
WADESBORO
N CAR.
S CAR.
RODDEY 28 S
LAURINBURG MAXTON 65H L S
PINE ACRES
BELLINGER
LUMBERTON 50H L S
BRATTON
COULBOURN 32 S
ROWE
MACK LAMAR
BLADENBORO
DOWLESS
CHESTER 50H S
HARTSVILLE 25 S
HARTSVILLE 50H
KERSHAW
LUMBERTON 278
FLORENCE-146 60 H L S
DUKE
WOODWARD 30H S
WHITEVILLE
ATLANTA JACKSONVILLE
HUGGINS
WASHINGTON JACKSONVILLE
S CAR. I D A
FLORENCE 320 (116.1)
CHARLESTON 119
RED 16
COLUMBIA
MOTBRIDGE
TO CHARLESTON
TO SPARTANBURG
TO RICHMOND
NORFOLK 97
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RADIO LEGS IDENTIFY "R" QUADRANTS.
AIRPORTS LESS THAN 7500 FT IN LENGTH, PAVED UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT SOI
SCALE OF MILES
10 0 10 20 30

RADIO

NORTH CAROLINA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS, GUARDED, HRS. OF OPER., REMARKS
AYDLETTE FM (Navy)	(-)	FM; 64°, 14	Weeksville NAF
BOGUE MCAAF			DECOMMISSIONED
CAMP LEJEUNE OLF(New Riv)	3295(142.74)	CN	3105.4495;142.74 (8-1630)
CHERRY POINT (Navy)	224 (NKT)	BMRLZ;141°,4.0	(3); 140.58, 142.74
Cherry Point MCAS	3295 (142.74)	CN(GCA)	(3); 142.74 ,126.18
EDENTON FM (Navy)	(- - -)	FM; 244°, 26	Weeksville NAF
ELIZABETH CITY CGAS	278 (142.74)	CN	(3); 142.74 (7-19)
MANTEO FM (Navy)	(- -)	FM; 139°,32	Weeksville NAF
NEW BERN FM (Navy)	(- - - -)	FM; 321°,13.6	Cherry Point MCAS
OAK GROVE MCAAF (Pollocksville)			DECOMMISSIONED
SOUTH MILLS FM (Navy)	(- - - -)	FM; 319°, 17.5	Weeksville NAF
WEEKSVILLE (Navy)	524(NFG)	MRL	(3);142.74(V- 7-19)
Weeksville NAF-LTA	3295 (142.74)	CN; 319°, 0.5	3105; 142.74 (8-1630)

VIRGINIA

BLACKSTONE	326(KT)(116.1)	BMLZ-DTV;133°,5.5	(4); 116.1
DEEP CREEK FM	(- - -)	FM; 224°, 9.6	Norfolk
ECLIPSE FM	(- - - -)	FM; 276°, 16	Norfolk
LANGLEY FIELD (Army)	221(DLY)	SBMRAPZ-DT;102°,3.8	(3)
NORFOLK	239 (NW)(116.1)	SBMRLZ-DTV;44°,3.3	(3);116.1
Norfolk NAS (Navy)	356 (NGU)	BMRLZ; 276°,2.9	

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Atlantic MCAAF (N)	0.8 NW,hwy SE	24	35h	INACTIVE
Avalon (Rocky Mount)	3.8 NE,RR W	120	28 S2	80 oct.
Barco Flight Strip	2.4 W,hwy S	19	40h	
(P) Beaufort-Morehead City	1 N, riv W	13	43h L S6	80.91 Oct. Flood lgts. Trees SE
(P) BLUETHENTHAL	2.4 NNE, RR W	30	70h L5 S4	80,91 oct.Fld lgts prior req.(Wilmington
(N) Bogue MCAAF (N)	5.6 E Swansboro	22	40h	CLOSED.
Burgaw	1.2 W,hwy N,S	30	22 S1	80 oct. Pwr line SSE.
(N) Camp LeJeune OLF (New River)(N)	2.5 S Jacksonville	24	50h R1	
Carolina Beach	2.2 NNW,hwy E	32	16 S1	80 oct. (ltd)
(N) Cherry Point MCAS (N)	2.5 SW,riv N	29	76h R2 (L6)S6	100 oct.
Clinton	2 N, hwy W	160	24 S6	80 oct.Pole line W
(N) Edenton NAS (N)	3.5 SE	19	72h	INACTIVE
(CG) ELIZABETH CITY CGAS (CG)	3.5 SE,riv NE	10	72h R1 L6 S4	100 oct.
Franklin(Louisburg)	2 WSW;RR S	290	17 S2	80 oct. P-line SSE,Hill NNW.
Goldsboro	1.3 E,hwy S	110	25 S1	80 oct. Pole line NNE
(P) Greenville	See Pitt-Greenville under "New Airports"-name changed.			
Halifax Co.(Roanoke Rapids)	3 SW,	147	18 S2	80 oct. Trees ENE,NNW
Henderson	3 S,RR W	490	21 L S6	80,91 oct.Lgts prior req.Trees ESE, WNW.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.(See page XIII(NC)-Not charted. → NEW OR REVISED DATA

NORTH CAROLINA

AIRPORT — CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Jacksonville (NC)	3.7 NE,RR SE	51	14	
Kinston	4.2 NNW	93	50h	CLOSED
Mt. Olive	1.1 NE,RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Polloksville) (N)	2.5 NW,riv S	27	40h	INACTIVE.
Peiffer(Wilmington)	6 ESE,hwy N	10	18 S1	80 oct.Poleline NNE,trees N,S,SW.
→ ROCKY MOUNT	2.3 N,RR E	114	40h S6	80,91 oct.Use rnwys.
Selma	0.5 E,RR W,S	150	19 S4	80 oct. Pole line E.
(A) Seymour Johnson (Goldsboro) (A)	3 SSE,riv SW	80	50h	CLOSED.
→ SIMMONS-KNOTT	2.5 SSE;hwy .5 E	19	40h L4 S1	80, 91 oct. (New Bern)Port flood on req.
Tarboro	2 ESE,riv NNW	50	30 S6	80,91 oct.Flood lgts.P-line NNE,NE.
Wallace	0.8 N,RR SW	50	16 S6	80 oct. No sto.
★ Warrenton Int,46,JX-RW	1.5 NE,RR W	446	28 L3	
(P) Washington	See Warren Arpt under "New Facilities" - name changed			
(N) Weeksville NAF(LTA)	2.2 NE	7	37h R2 L S4	80-100 oct.
(P) Wilson (N)	4.2 NW,hwy E	161	45h S6	80 oct.
Woodville (Elizabeth City)	9 WSW	15	19 S6	80 oct.No sto.Pole line S, SW.Data not verified.
Zebulon	3.5 NW,hwy E	324	16 S1	80 oct.

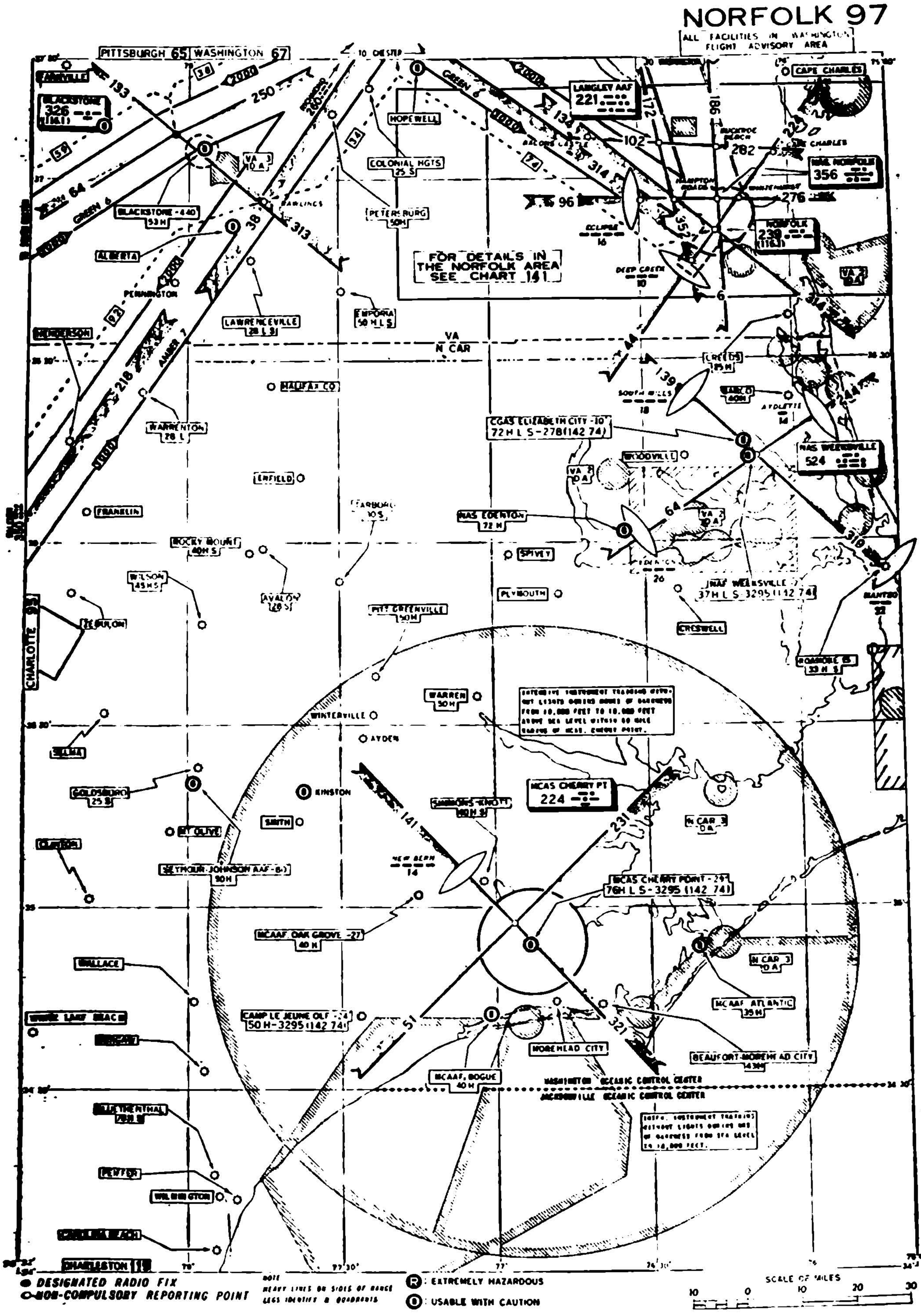
VIRGINIA

Alberta	1.5 E,RR SW	380	17 S2	80 oct. Trees WSW.
(A) Blackstone	2.5 ESE,hwy N	440	53h R1 L5	Rnwy lgts on req.ARMY TEMP INACT
Clarksville-Finchley	5 ENE,RR S	450	13	House, trees NW. (NC) CIVIL FACS.
Colonial Heights (Petersburg)	2 NNE,RR W	60	25 S1	80 oct.
→ Creeds	1.5 E,bay E	10	25h	INACTIVE.
Emporia	3 E, hwy S	127	50h L5 S4	80,91 oct.
Hopewell	3.3 E,riv N	20	24 S6	91 oct.
Lawrenceville,49B, JX-RW	3.8 ENE,RR N	317	28 L3 S6	80,91 oct.
Petersburg	6.2 WSW,RR N	190	50h	
Scott (Williamsburg)	1.3 NNW,RR SW			ABANDONED
William & Mary College (Williamsburg)	3 NNW,RR SW	105	29 S4	80,91 oct.20-60' trees NE,SW,W.(NC)

NEW AIRPORTS

Farmville	2.5 NW,riv N	325	20 S6	80 oct.Hill W.
(P)PITT-GREENVILLE → (Greenville,N.C.)	1.8 NNW;RRE	25	50h L5 S1	80,91 oct. Lgts prior req.
Cape Charles (Va)	1.8 E;RR S	15	22 S2	80 oct,NW blkd,House SSE.
Roanoke Isl.(Manteo,N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct.Lgts on req.Data unver.
Morehead City,(N.C.)	5 WNW;RR N	15	23 S4	80 oct.No sto.All appchs blkd.
Piney Grove (Kinston,N.C.)	2.1 SSW;riv NE			ABANDONED.
Smith Fld (Kinston,N.C.)	3.7 SW;riv NW	40	26 S4	80 oct.P-line ENE
White Lake Beach,(N.C.)	0.2 NW;lake S	75	18 S1	80 oct.No sto.(White Lake)E,W blkd.
Wilmington Arpk (N.C.)	3 SE;hwys N	20	27 S4	80 oct.N & E blocked.
(P) Warren (Washington, N.C.)	1.8 N,hwy W	38	50h	
nfield (N.C.)	1.8 E	113	15 S2	80 oct.P-line SSW. Trees NNE,SSW.
Creswell (N.C.)	0.5 N;RR S	15	19 S2	80 oct.S,SE blocked
Winterville (N.C.)	0.5 E;RR W	25	12 S1	80 oct.NW blocked.
Woodville (N.C.)	1.5 W;hwy S	15	20 S6	80 oct.S blocked.
Ayden (N.C.)	0.7 SSW;RR E	25	20 S1	80 oct.ESE blocked
Thalia(Va.Beach,Va)	8 W;hwy 58	12	23 S1	80 oct.NE blkd.Trees SW
Roosevelt(Portsmouth,Va)	4.2W;RR S	15	33 S6	80 oct Tree SE.P-line NW
Portsmouth (Va)	7.8WSW;RR S	20	35 S1	80 oct.Trees sur fld.Soft when wet.
Pennington(Brodnox,Va)	1.2 NWhwy NNE	325	21	NNE blkd.
Peanut City(Suffolk,Va)	2.8 N;hwys SE	40	25 S2	80 oct.SSW blkd.Trees NNE
Norview(Norfolk,Va)	4.5 NNE	16	24 S6	80 oct. P-line S.

NORFOLK 97


ALL FACILITIES IN WASHINGTON FLIGHT ADVISORY AREA
PITTSBURGH 65
WASHINGTON 67
FARMVILLE
BLACKSTONE 326 (IKU)
BLACKSTONE -640 93 H
ALBERTA
PENNINGTON
LAWRENCEVILLE 28 L 31
HOPEWELL
COLONIAL HGTS 25 S
PETERSBURG 50H
EMPORIA 50 H L S
FOR DETAILS IN THE NORFOLK AREA SEE CHART 141
LANGLEY AAF 221
CAPE CHARLES
NAS NORFOLK 356
NORFOLK 239 (IHK)
DEEP CREEK 10
OCEANA 85
CHESAPEAKE 85
VA N CAR
HALIFAX CO
WARRENTON 28 L
ENFIELD
FRANKLIN
ROCKY MOUNT 40H S
WILSON 45 H S
AVALON 28 S
ZEBULON
CHARLOTTE 95
SELMA
GOLDSBORO 25 S
SMITH
MT OLIVE
SEYMOUR JOHNSON AAF - (B-) 90H
WALLACE
WHITE LAKE BRACE
DUPLIN
WILMINGTON
CAMP LEJEUNE OLF - 74 50 H - 3295 (142 74)
MCAAF OAK GROVE - 27 40 H
CHARLESTON 11B
CGAS ELIZABETH CITY - 10 72 H L S - 278 (142 74)
SOUTH MILLS 18
ELIZABETH CITY 40H
ATQUETTE M
NAS WEEKSVILLE 524
NAS EDENTON 72 H
EDENTON 26
SPIVEY
PLYMOUTH
NAAF WEEKSVILLE 37 H L S - 3295 (142 74)
CRESWELL
ROANOKE RS 33 H S
WARREN 50H
WINTERVILLE
AYDEN
KINSTON
HARVEY POINT 40H S
NEW BERN 14
MCAS CHERRY PT 224
N CAR 3 DA
MCAS CHERRY POINT - 29 76H L S - 3295 (142 74)
MCAAF ATLANTIC 39H
CAMP LEJEUNE
MOREHEAD CITY
BEAUFORT-MOREHEAD CITY 43H
MCAAF, BOGUE 40 H
WASHINGTON OCEANIC CONTROL CENTER
JACKSONVILLE OCEANIC CONTROL CENTER
10 DME STEP
GREEN 6
AMBER 7
VICTOR 218
VICTOR 64
VICTOR 74
VICTOR 96
VICTOR 313
VICTOR 314
VICTOR 352
VICTOR 44
VICTOR 139
VICTOR 64
VICTOR 310
VICTOR 141
VICTOR 231
VICTOR 51
VICTOR 321
CHARLOTTE 95
CHARLESTON 11B
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
NOTE
HEAVY LINES OR SIDES OF BLOCK LEGS IDENTIFY R BOUNDARIES
R: EXTREMELY HAZARDOUS
D: USABLE WITH CAUTION
SCALE OF MILES
10 0 10 20 30

CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (Int.)	365(DG)(116.1,	SBRAZ-VDT, 149°,0	(4); 116.1, 122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°, 16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°, 42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4); 126.18, 118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV 298°, 3.9	(3); 116.1, 122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV 244°, 3.9	(3); 116.1, 122.1
LOS ANGELES	109.1(LA)	BVAR; 88°, 2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA	(3); 126.18
MIRAMAR NAAS (San Diego)	239(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT. LAGUNA	382(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA; 64°, 2.2	(3); 126.18
NEWHALL (Int.)		SBMRLDTV 317°, 0.1	(4); 116.1, 122.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4); 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°, 34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV, 216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105; 142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 128°, 2.9	(4); 116.1, 122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV, 139°, 2.3	(3); 116.1, 122.1
San Diego NAS	266 (142.74)	CN	(3); 126.18, 142.74. Twr call 'No. Island
San Diego NAS (Seaplane)	2870	CN	2870
TRONA (Int.)			DECOMMISSIONED
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice, W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.

+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S, hwy E	2470	27 S6	80 oct. P-line E.
Arlington (Riverside)	4.5 WSW, RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE, RR N	2190	52h L5 S6	80, 91 oct. Poles W.
Barnes (Rosamond)	12 E, rd N	2300	38 (NC)	prior req. Poles N
Barstow	1.8 N, hwy S	2150	28 S4	80, 91 oct. Range lgts
Big Bear City	0.5 NW, hwy S	6850	37 S1	80 oct. Trees E, hills W.
Borderland (San Ysidro)	1.5 WNW, RR W	80	18 S6	80, 91 oct. No sto. Pole line SE.
Boron	0.5 NE, RR S	2550	21 S1	80 oct. Poles E. Data unver

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay) (N)	5.5 ESE	523	60h	CLOSED
Buffalo Springs (Avalon) (NC)	See Catalina Arpt under "New Facilities" - name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside) (N)	6 NNE, RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island) (N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea) (N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80, 91 oct. 1000' paved rnwy. Data unver.
El Cajon	2.5 N, hwy W	450	23 S6	80, 91 oct. No sto.
Elsinore	1 SSE, RR N	1256	26 S4	80 oct. No sto. Hills NW.
Engel (Escondido)	1.5 W, RR N	630	19	CLOSED. Trees SE, hill NW.
Gibbs (San Diego)	7 NNE, hwy W	405	29 S6	80, 91 oct. Poles E.
Gillespie (El Cajon)	2 NNW; rd E	385	54h	Towers W. (Santee)
Harmon (San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes (Victorville) (A)	27.5 N, RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE, RR S	48	18 S6	80, 91 oct. No sto. Trees SW.
(A) Helendale (Victorville)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE, RR SW	-12	34 S4	80 oct. No sto. Pwr line W
(N) Inyokern NAF (N)	0.5 WNW, RR E	2455	72h	NATS
Jamacha (La Mesa)	6.8 ESE, riv N	520	18 S6	80, 91 oct. Hills E.
La Cresta (Bakersfield)	2.5 NE; riv N	660	36h L S6	80, 91 oct. Data unver. Flare pots prior req.
Lake Elsinore (Elsinore)	4 SSE, lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW, hwy N	500	27 S4	80 oct. Pole line SSE.
Lancaster	0.5 NW, RR E	2330	22 S4	73 oct. No sto. Poles E, S
La Pressa (La Mesa)	4 S, hwy W	275	19 S4	80 oct.
Liberty (Rosamond)	4.1 S, RR E			ABANDONED.
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80, 91 oct. ARPT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE, RR SSW	1533	70h R2 L5 S6	62, 73, 91, 100 oct. JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW, RR N	550	21 S6	80, 91 oct. Poles E.
(A) Mirage (Victorville) (A)	See El Mirage under "New Arpts" - name changed.			
(N) Miramar NAAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91, 100 oct. No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E, hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S, hwys S	1100	32 S6	80, 91 oct. P-line E, W.
(A) Muroc AAF (A)	2 S, dry lake N	2285	80h R2 L5 S6	73, 100 oct. JP-1. No sto.
National City	1.1 SSE, RR W	10	22 S4	80 oct. Poles, stack NW.
(P) Palmdale	3 NE, RR W	2549	70h R1 L5 S2	91, 100 oct.
(P) PALM SPRINGS	2.5 E, RR NE	448	69h L5 S6	80, 91, 100 oct.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct. No sto. Twr SE.
Quartz Hill (Lancaster)	5.5 SW	2450	29 L S5	80, 91 oct. Port rnwy lgts. Data unver.
Randsburg (NC)	1.8 NE, rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W		23 50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N, RR W	400	15	
San Bernardino	4.7 NNW, RR 1.5 W	1425	30 L S6	80, 91 oct. Port lgts prior req.
(A) San Bernardino AAF (A)	3.5 ESE, RR SW	1156	76h R1 L5 S6	62, 73, 91, 100 oct, JP-1
San Bernardino Co. (Daggett)	See Dagett Int, 13 under "New Airports" - name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED.
San Diego	5 NW, bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91, 100 oct. NATS
San Marcos Valley (San Marcos)	1 W; hwy, RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE, hwy N	475	22 S1	80, 91 oct. Fence E.
Tehachapi	1 N, RR S	3952	45 L S2	73, 91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE, RR S	1015	29 L S6	91, 80 oct. Range, obst lgts til 2300 or prior req. P-line E, SE, W, NW.
(A) Victorville AAF (A)	6 NW, RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW; hwy W	3225	26 S1	80 oct. P-line W.
War Eagle (Lancaster)	5 W, hwy N	2348	31	
Warner Hot Springs	3 W, hwy NE	3140	35 S1	Ltd 80 oct. Trees E, S
Wolfe's Arpk (Otay)	1.2 SE, RR W	220	30 S1	80, 91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF (San Diego)	7.4 E	480	30h	
Capistrano Awys (San Juan Capistrano, Calif)	1.5 SSW; RR E	35	18 S4	90 oct. Pnwy data unver. Data unver.
Ridgecrest (Calif.)	0.3 S	2300	40 L S4	80, 91 oct. P-line E, NE.
Daggett Int, 13 LA-AC (Calif)	5 E; RR S	1927	64h R1 L3	
(P) El Mirage (Adelanto, Calif)	11 W/NW; lake, 5 N	2865	39h S5	80, 91 oct.
Miro-Fontana (Rialto, Calif.)	1.5 NW; creek N	1400	24 S1	80 oct. T-line NE
(P) Los Angeles (Calif)	9.5 SW; RR E	101	60h R3 L6 S6	91, 100 oct. Rdo rqrd. Rnwy data unver.
Calimesa (Calif)	2.5 SSW; RR 1SW	2250	19 S6	80, 91 oct. P-line E.
Yucaipa (Calif)	2.5 SSE	2850	17 S1	80 oct. Reservoir S. Priv

LOS ANGELES

99

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 77

NAF INYOKERN 72H

RIDGECREST

LA CRESTA

MOJAVE - 2781' 59H

MUROC AAF 350

BORON

MUROC AAF - 2285' 80H L S-219 (126 18)

DAGGETT 365

VICTORVILLE AAF - 2880' 74H L S-278 (126 18)

LANCASTER

WAR EAGLE

QUARTZ HILL

EL MIRAGE

MIRAGE

GREEN 4

DAGGETT 66H L

VICTORVILLE "66"

CASTIAC 41

NEWHALL 209

PALMDALE 332

LOS ANGELES 260

BLUE 14

SUMMIT

FONTANA 17

SAN BERNARDINO 30H S

BIG BEAR 39 S

SAN BERNARDINO AAF - 1956' 76H L S-272 (126 18)

MIRO-FONTANA

YUCAIPA

CALIMESA

GREEN 3

FOR LOS ANGELES VHF RANGE SEE CHART 147

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

LONG BEACH 233

HUNTINGTON BEACH 11

RIVERSIDE 388

ARLINGTON 12 S

ELSINORE

LAKE ELSINORE

MARCH AAF - 1533' 70H L S-201 (126 18)

BANNING 25

HARMON

PALM SPRINGS 69 H

CAPISTRANO

OCEANSIDE 326

SAN MARCOS VALLEY

ENGEL

OCEANSIDE 34

MCCLENNICK

HI-HI SKY RANCH

SAN DIEGO 224

DEL MAR 28 S

RAMONA

MT. LAGUNA 382

NAAS MIRAMAR - 480' 60H L S-239 (142.74)

SWEETWATER SPRGS.

GILLESPIE 54H

SAN DIEGO

GIBBS 29 S

PEIK

LA MESA 13

EL CAJON

RED 9

LINDBERGH - 14' 88H L S-278 (118 3.126 18)

NAS SAN DIEGO - 25' 60H L S-766 (142.74) (SEAPLANE - 28701)

NATIONAL CITY

CORONADO 10

LA PRESSA

JAMACHA

LA MESA 27 S

WOLFE S

NAAS BROWN 60H

NAAS REAM - 23' 50H S-3295 (142 74)

BORDERLAND

SAN NICOLAS IS. OLF

SAN CLEMENTE IS OLF 50H

CALIF. 13 D.A.

CALIF. 7 D.A.

CALIF. 17 D.A.

CALIF. 33 D.A.

CAMP PENDLETON OLF 64H S

CAMP IRWIN

CAMP DAVIS

CAMP HALE

CAMP ROBERTS

CAMP SAN LUIS OBISPO

CAMP PENDLETON

CAMP MATAGUAL

CAMP CALIFORNIA

CAMP HAHN

CAMP HAUN

CAMP HERO

CAMP HOWARD

CAMP HUNTER LIGGETT

CAMP JOLON

CAMP KOHLER

CAMP LOCKETT

CAMP MACKALL

CAMP MERRIAM

CAMP MOHAVE

CAMP NEWBERRY

CAMP PARKS

CAMP PICKETT

CAMP PIRU

CAMP POLK

CAMP RALSTON

CAMP RILEY

CAMP ROBINSON

CAMP ROCKY

CAMP ROGERS

CAMP SAN JACINTO

CAMP SAN LUIS OBISPO

CAMP SAN MATEO

CAMP SAN PEDRO

CAMP SAN PEDRO

CAMP SAN PEDR

RADIO COMMUNICATIONS

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Yuma Co.)	230(UP)(vhf)	SBMRAZ-DTV,165°,5.8	(4);116.1,122.1
CALIFORNIA			
BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
→ MT. LAGUNA	382(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	5 N;RR NE	1434	64h	CLOSED
Conner(Quartzsite)	See Quartzsite under "New Airports" - name changed.			
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
(A) Laguna Landing (A) Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S6	80 oct.
Parker	1.4 ENE;RR .5 W	430	32 S6	80 oct.
Salome (NC)	0.7 S;RR NW	1876	45 S1	80 oct.Poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi.E,3 mi. W.
Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct.Hills N
Smiley (Wellton)	13 E,RR S			ABANDONED.
Somerton	3 ENE;canal W	254	26 S4	80 oct.No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S6	80,91 oct.

CALIFORNIA

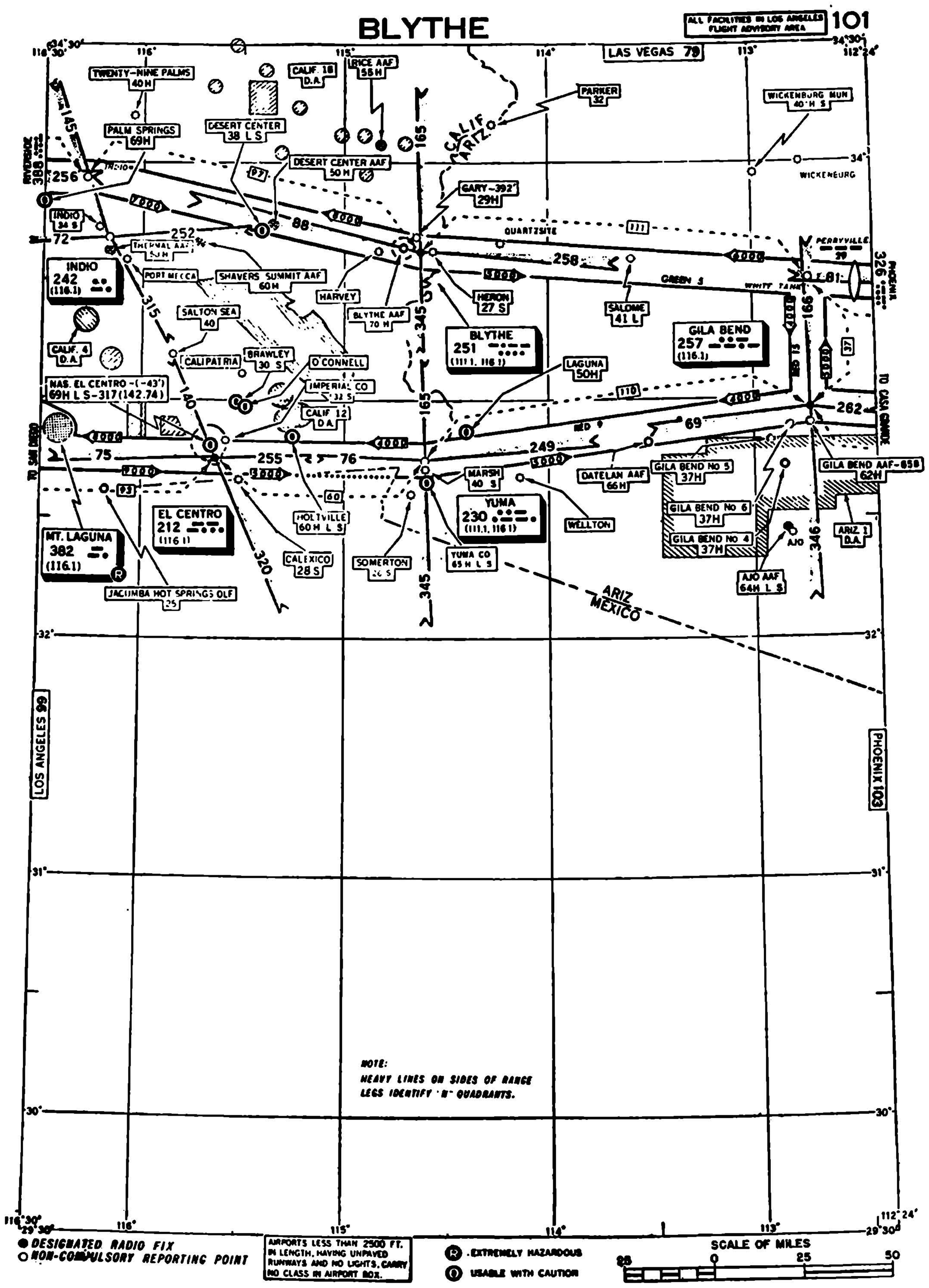
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct.Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct.Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto.35'poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck) other hrs prior req.
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	80,100 oct.Avail 0700 to 1800,
Gary (Blythe)	5 NNW,RR N	392	29h	CLOSED.
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct.No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct.Poles N, / only
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct.Poles SE.No bcn.Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct.No sto.Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF(Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct.N/S taxing only! Rnwy data unver.
(P)PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Yuma Co. (Ariz)	4.5 SSE.RR N	213	65h R1 L2S4	80,91 oct, Bndry lgts
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct. prior req.
Ajo (Ariz)	5 NE;rd,RR W	1490	40 S4	80 oct.Rough in spots.
Quartzsite (Ariz.)	0.3 SSW,hwy E	850	38	Trees N,W.N/S strip nazardeus

h-hard surfaced runways. R-radio facilities, L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

BLYTHE


ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA
101
LAS VEGAS 79
TWENTY-NINE PALMS 40H
CALIF 18 D.A.
RICE AAF 58H
PARKER 32
WICKENBURG MUN 40 H S
PALM SPRINGS 69H
DESERT CENTER 38 L S
DESERT CENTER AAF 50 H
CALIF ARIZ
GARY-392° 29H
WICKENBURG
INDIO 34 S
INDIO 242 (116.1)
QUARTZSITE
PERRYVILLE 39
PORT MECCA
SHAVERS SUMMIT AAF 60H
THERMAL AAF 50H
HARVEY
BLYTHE AAF 70 H
HERON 27 S
SALOME 41 L
GREEN 3
WHITE TANK
SALTON SEA 40
BLYTHE 251 (111.1, 116.1)
GILA BEND 257 (116.1)
CALIF. 4 D.A.
CALIPATRIA
BRAWLEY 30 S
O'CONNELL
LAGUNA 50H
NAS. EL CENTRO -(-43') 69H L S-317 (142.74)
IMPERIAL CO
CALIF 12 D.A.
RED
DATELAN AAF 66H
GILA BEND NO 5 37H
GILA BEND AAF-65B 62H
MARSH 40 S
GILA BEND NO 6 37H
GILA BEND NO 4 37H
AJO
ARIZ 1 D.A.
AJO AAF 64H L S
HOLTVILLE 60 H L S
EL CENTRO 212 (116.1)
MT. LAGUNA 382 (116.1)
CALEXICO 28 S
SOMERTON
YUMA 230 (111.1, 116.1)
YUMA CO 65 H L S
WELLTON
JACUMBA HOT SPRINGS OLF 25
ARIZ MEXICO
LOS ANGELES 99
PHOENIX 103
TO CASA GRANDE
TO SAN DIEGO
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.
DESIGNATED RADIO FIX
NON-COMPULSORY REPORTING POINT
AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX.
R . EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

RADIO AIDS — ARIZONA

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ COCHISE (Int.)	272(C)(vhf)	SBMRAZ-DTV,253°,2.2	(4);116.1,122.1
DAVIS MONTHAN FIELD (Tucson)	366 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 79°, 34.4	Cochise
LITCHFIELD PARK NAF	260 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°,1.9	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.8	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(116.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
[redacted]			
→ RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,240°,0	(4); 116.1,122.1

S-Simul Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A C S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

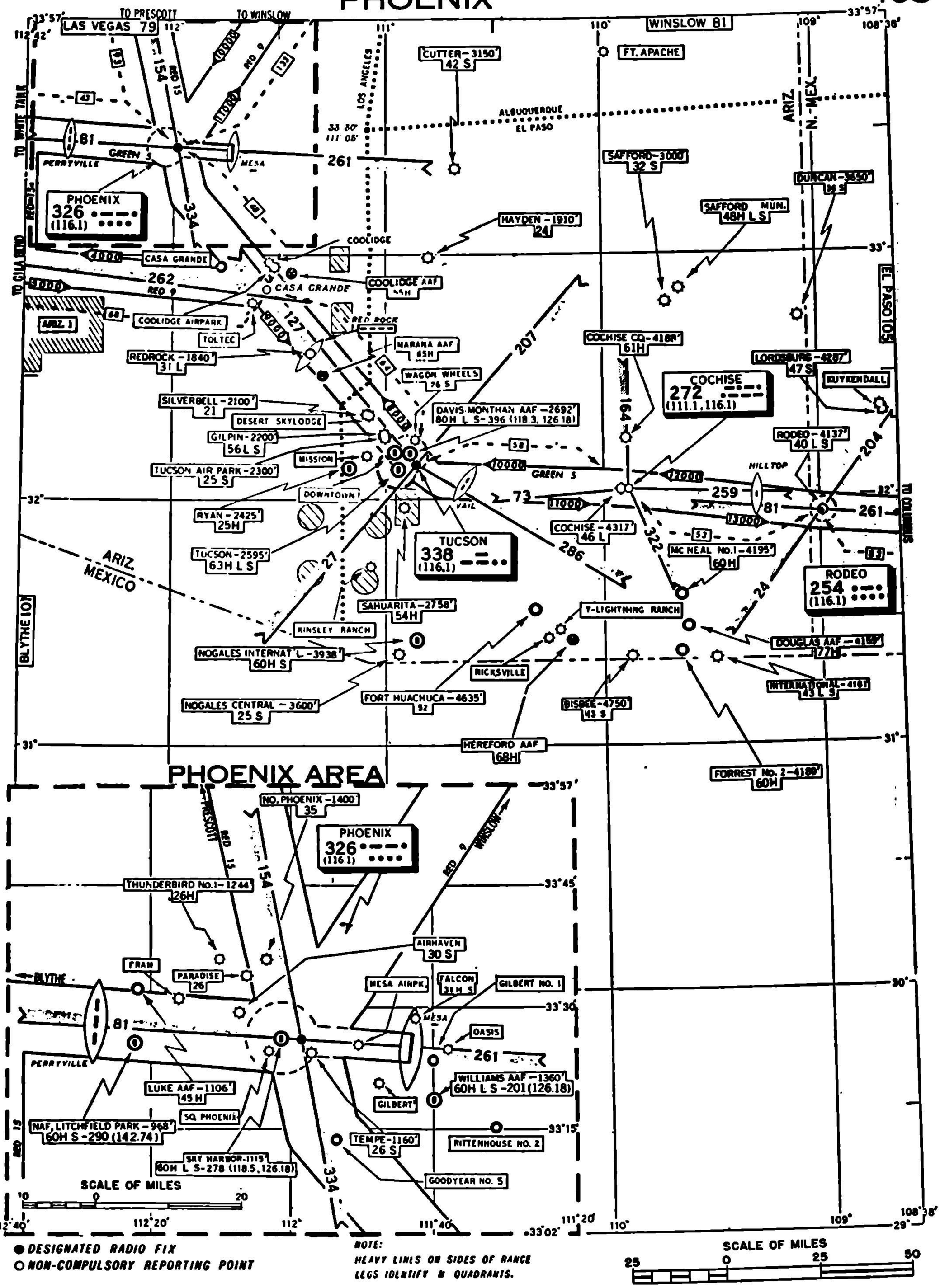
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW;hwy N	1050	24 S6	80 oct.Rough
Bisbee	6.4 SSE,RR W	4750	43 L S6	80 oct;91 oct on req. Poles W. Port rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Morenci (Clifton)	8.7 SSE,hwy W	3800	53 S2	80 oct.
* Cochise Int,T-3,PH-EO	6 S.	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S ;hwy W,S.	1450	32 S1	80 oct,P-line NW.
(A) Coolidge AAF (A)	6 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW	1450	27 S4	80,91 oct.P-line NE,W;RR 1.5 E
Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	4.2 SE;RR S	2692	80h R2 L5 S6	80,100 oct.P 1,P-line S.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED;Twrs E.
Duncan	1 NE	3650	36 S2	80 oct.Poles WSW.
Falcon (Mesa)	7.3 NE ;riv 2 N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED.
(P) Ft.Apache (White River)	2.6 SSW,riv S	5109	34 S2	80 oct. P-line N,NE
(A) Ft. Huachuca (A)	3.5 E;RR NW	4635	52	
Gilpin (Tucson)	4.2 NW,RR W	2200	56 L5 S6	80,91 oct;No flood. Fld lgts prior
Hayden	1.2 S,hwy E	1910	24	Obst sur fld, req.
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
INTERNATIONAL (Douglas)	3.3 E.	4181	43 L4 S4	80 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW;hwy E	3100	35	PRIVATE.
Litchfield (Litchfield Park)(NC)	0.5 NW;city SE	1062	37	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S;RR S	968	60h R1 S1	100 oct.
(NG) Luke (Phoenix) (NG)	18 WNW	1106	45h S4	100 oct,2nd ech. maint NG.
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW;riv W	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W;hwy S	1238	27 S6	80,91 oct.No sto.P-line E.
Nogales Central	3 N,RR E	3600	25 S6	80,91 oct.P-line ESE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page xIII) NC-(not charted) → NEW OR REVISED DATA.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Nogales International	8 NE;hwy NW	3938	60h L5 S4	80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35 S1	80 oct.
Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	31 L3	P-line NE.
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
Safford Mun	4.5 ENE;riv 2 S	3176	48h L5 S4	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E.	2758	54h	
(P) Sells (NC)	2 NW,rd E	2380	24	
Silverbell (Tucson)	11.2 NW ;riv NE	2100	21	
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	91, 100 oct. Fld lgts prior req
Superior (NC)	2 WSW,hwy N	2600	19 S4	73,80 oct. P-line NNE. Slopes WSW
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW ;hwy E	1400	37 S4	80 oct,P-line NE,SW.
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1600	40	
Toltec	0.4 NNW;RR SW	1500	23	Poles SSW, WSW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	25 S6	80 oct,P-line NW.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. Slopes to SSE, P-line S,SE
Wickersham (Safford)	See Safford under "New Facilities" - name changed.			
Willcox (NC)	0.9 WNW,hwy E			ABANDONED.
(A) Williams (Chandler) (A)	10 E ;RR 1 SW	1360	61h R1 L5 S6	73, 91, 100 oct. JP-1.
[redacted]				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
# Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S6	80,91 oct;P-line N,S,NW. Port bndry lgts.
Nicksville (Hereford,Ariz.)	9 W;hwy W	4750	32 S4	80 oct. Poles SW.
Y-Lighting Ranch (Hereford,Ariz.)	6 WNW;rd W	4400	26	
Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct.P-line E,fence W.
Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct.No sto.Poles SW,NE.
Gram (Glendale,Ariz)	See Fram below - name changed.			
Oasis (Mesa,Ariz)	11.5 E;hwy N	1550	18 S4	80 oct.No sto.Trees NE,SW
South Phoenix, (Ariz)	3 SSE;riv N	1100	26 S6	80 oct.No sto.P-line E,W
Mission Arpk (Tucson,Ariz)	8.3 WSW;rd S	2665	22 S6	80 oct Poles W
(P) Safford (Ariz.)	2.5 S;hwy W	3000	37 S6	80,91 oct. Poles S,SE.
Desert Skylodge (Tucson,Ariz.)	10 NNW;RR NW	2025	32 S6	80,91 oct.Poles NW,WNW.
Fram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct,Poles E,W,E end hazardous
Benson (Ariz)	2 ESE;RR,hwy N	3500	42 S4	80 oct.P-line N,ENE.
→ Casa Grande Aux #4 (Ariz)	5.2 NNW;hwy E	1430	37h	
→ Gilbert Aux #1 (Ariz)	7.5 ENE	1400	40h	
→ Goodyear Aux #5 (Ariz)	2.6 WSW	1175	55h	
→ Rittenhouse Aux #2 (Ariz)	6.3 NE	1550	37	

PHOENIX



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY M QUADRANTS.

EL PASO

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18 maint.(A)
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct.3rd ech
Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct.P-line SE,NW,
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED. SSE,SSW.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly.Svc.(Roswell,N.M)	2 S;RR E	3600	32 S2	80 oct P-line W.
BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18
(A) Biggs (El Paso,Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,100 oct;JP-1,
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE,W.
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad,mun.](N.M.)	6.1 SSW;hwySE	3276	67h L5 S6	73-91 oct.No flood.Fld lgts on req.Rnwy data unver.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S,E	5420	33 S2	80 oct.P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1, 122.1
* Columbus Int,34,PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co.(Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
* Delaware Springs Int.,11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South)(N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center)(N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W.
EL PASO Range (Anderson) (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex)	See Anderson under "New Facilities"			-name changed.
[El Paso Mun.](Tex)	See Anderson under "New Facilities"			-name changed.
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	176°,2.9	SBRAZ-DTV	(4); 116.1
* Engle Int,10,EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas,Ariz)	6.4 WNW	4189	60h	CLOSED(A)
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED
GUADALUPE PASS (Tex)	(116.1)		VP	(4);116.1,122.1
* Hachita Int,29B,PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct.Rnwy data unver
Hudspeth Int,4,EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
[International](Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80,91 oct.Fld lgts prior req.ARPT OF ENTRY
John J.Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwyNE	3709	32 S6	73,80 oct.No sto.Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE,SW.PRIV.E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun.(N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old)(N.M.)	9.5 NE;hwy S	4538	39	Pwr line S.Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct.P-line SW.
Marfa Mun. (new)(Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
(A) McNeal #1 (Douglas,Ariz) (A)	19 NNW	4195	60h	TMP INACT NO FACS.
* Mt.Riley Int,37,PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso,N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1,122.1
* Rodeo Int,26A,PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR 2 E	3621	56h L5 S6	80,91 oct.Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct.No sto.
(A) Roswell AAF #3(N.M.)(A)	18 S	3712	70h	CLOSED.
Ruidoso (N.M.)	2.2 NNE;hwy W	7000	60 S2	80 oct.Mtns sur fld.
(A) Ryan #3 (Marfa,Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED.
Safford (Ariz)	4.5 ENE;riv S	3176	48h L5 S5	80,91 oct.Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4);116.1,122.1 req
* Salt Flat Int,8A,EO-FV	17 SW Guad.PS	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct.P-line E.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct.Use rnwys only.
State College(Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct.No sto.(N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct.Hwy W.
Tracy (Carlsbad,N.M.)	2 ENE;hwy S			ABANDONED.
Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct.50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct.Poles NW.
Whitehill (Silver City,N.M.)	4 SSE	5800	30	P-line N.Rnwy data
Wickersham (Safford,Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct. unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

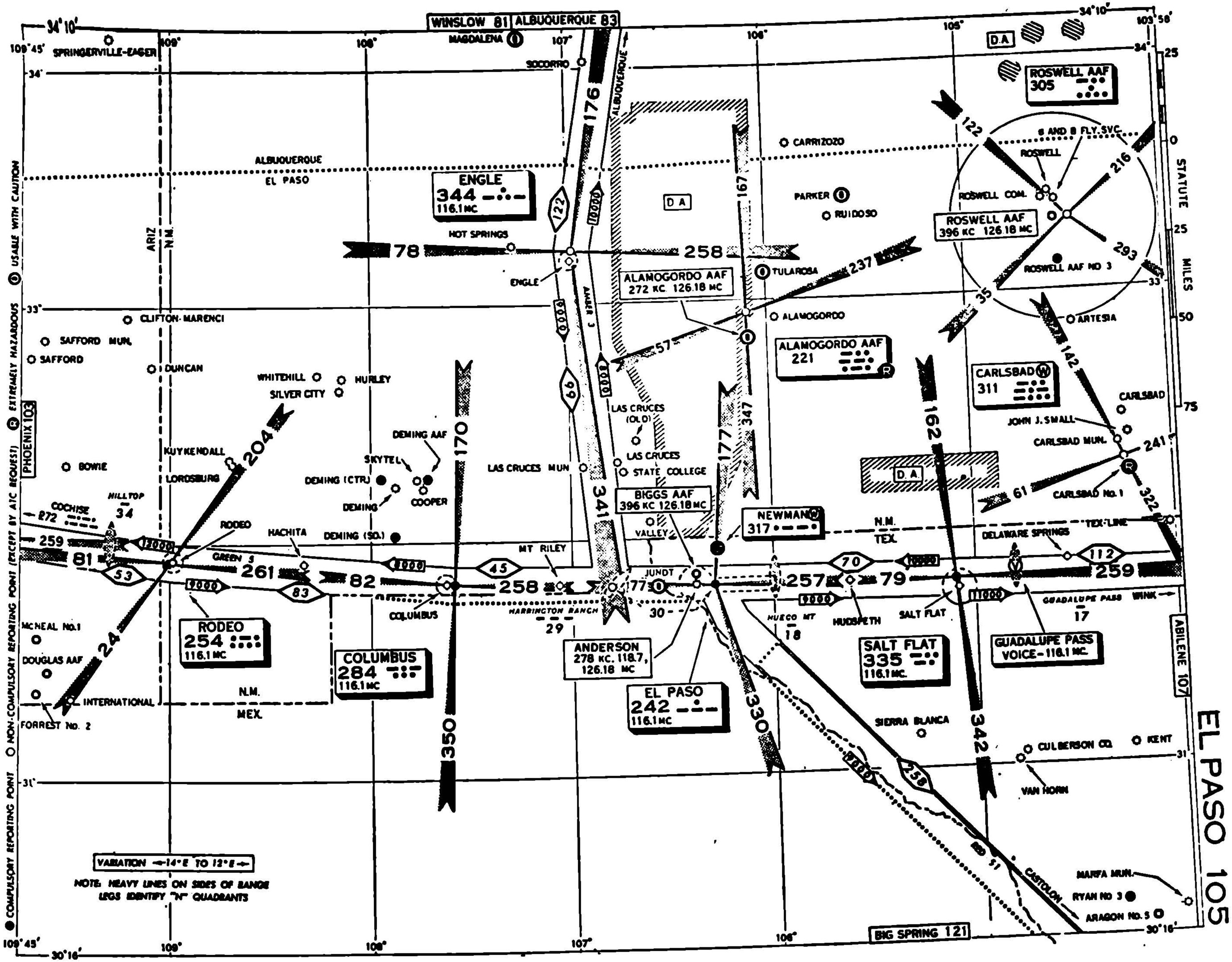
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ••••••(0.85)	OM- — —(4.35)
					MMK-	OMK-
ANDERSON	109.5	332.6	217°	IM-	MM- •—•—(0.67)	OM- — —(4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1(Pine Spgs,Tex)	7 5 NNE	5200	20	Rough. Emerg.use only
Kuykendall(Lordsburg)	0.8 NNW;hwy E	4290	29 S1	80 oct.P-line NNE,3E,(N.M.)
Springerville-Eager (Ariz)	1,5 W	7000	37 S1	80 oct.
Cooper(Deming,N.M)	2.7 S	4300	25 L S1	80oct.Ctc,obst lgts prior req
ANDERSON Tower (Tex)	278(126.18. 118.7)		AC(ILS)	(4);122.5,118.7,126.18
[Anderson](El Paso,Tex)	4.8 ENE;RR SW	3936	70h L6 S6	73,91,100 oct.ARPT OF ENTRY.

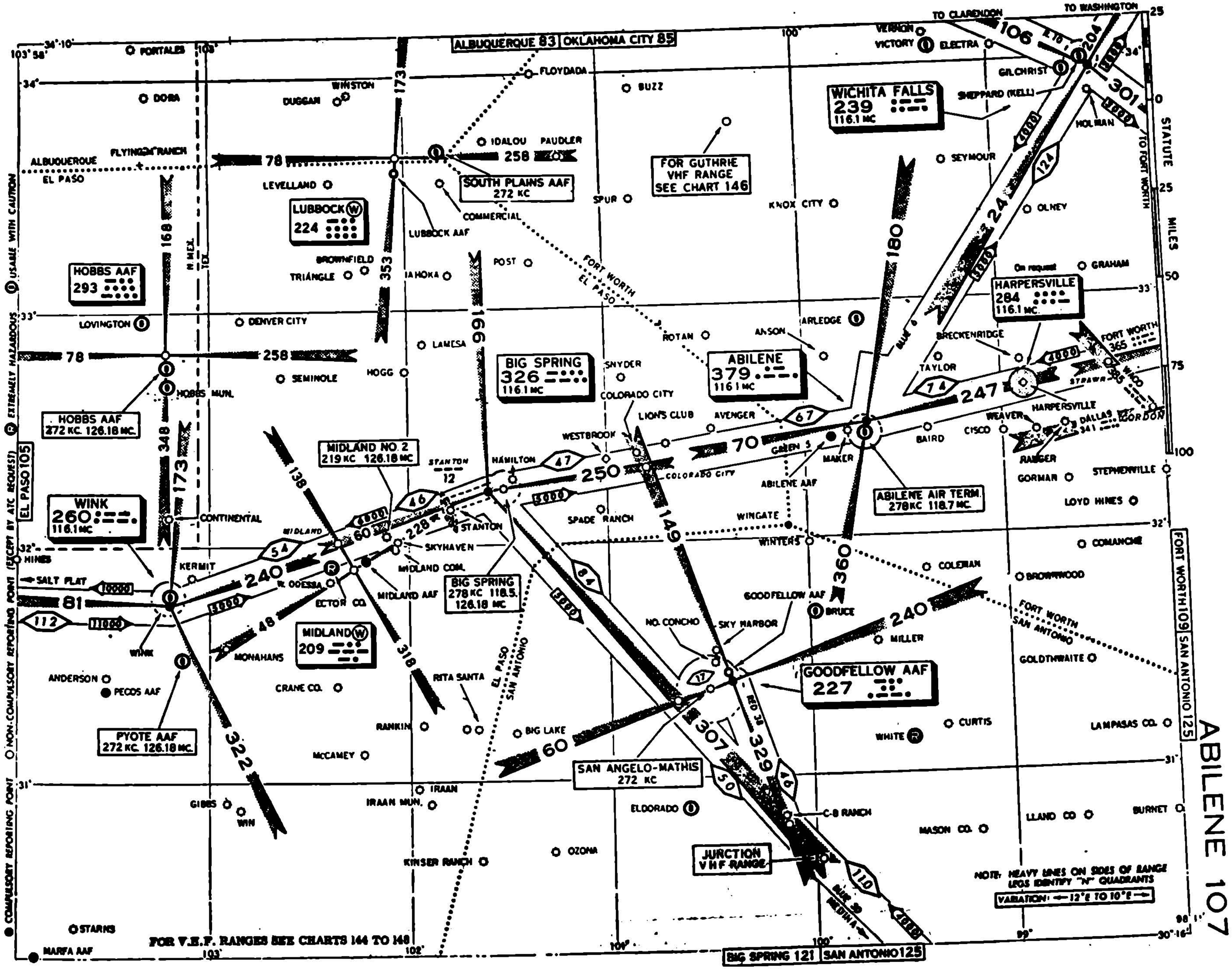
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 148.59 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


WINSLOW 81
ALBUQUERQUE 83
MAGDALENA
SOCORRO
SPRINGERVILLE-EAGER
ALBUQUERQUE
EL PASO
ENGLE
344
116.1 MC
HOT SPRINGS
78
258
ENGLE
ALAMOGORDO AAF
272 KC 126.18 MC
CARRIZOZO
PARKER
RUIDOSO
TULAROSA
ALAMOGORDO
ROSWELL AAF
305
ROSWELL AAF
396 KC 126.18 MC
ROSWELL AAF NO 3
ROSWELL COM.
ROSWELL
S AND B FLY. SVC.
ARTESIA
ALAMOGORDO AAF
221
CARLSBAD
311
CARLSBAD
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD No. 1
CLIFTON-MARENCI
SAFFORD MUN.
SAFFORD
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
KUYKENDALL
LORDSBURG
BOWIE
COCHISE
HILLTOP
RODEO
HACHITA
DEMING AAF
SKYTEL
DEMING (CTR.)
DEMING
COOPER
DEMING (SO.)
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
LAS CRUCES MUN
BIGGS AAF
396 KC 126.18 MC
VALLEY
NEWMAN
317
N.M.
TEX.
TEX-LINE
DELAWARE SPRINGS
MT RILEY
JUNDT
GREEN 5
261
82
258
77
257
79
259
112
GUADALUPE PASS
WINK
17
HUECO MT
18
HUDSPETH
SALT FLAT
RODEO
254
116.1 MC
COLUMBUS
284
116.1 MC
HARRINGTON RANCH
29
ANDERSON
278 KC. 118.7,
126.18 MC
EL PASO
242
116.1 MC
SALT FLAT
335
116.1 MC.
GUADALUPE PASS
VOICE-116.1 MC.
MCNEAL No.1
DOUGLAS AAF
INTERNATIONAL
FORREST No. 2
N.M.
MEX.
SIERRA BLANCA
CULBERSON CO.
KENT
VAN HORN
MARFA MUN.
RYAN No 3
ARAGON No. 5
CASTOLON
BIG SPRING 121
VARIATION 14°E TO 12°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 103
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
STATUTE MILES
ABILENE 107
EL PASO 105
D A
122
216
293
35
142
162
241
322
61
167
176
177
170
341
347
350
330
342
204
24
53
81
259
272
34
45
70
79
83
57
66
30
31
25
50
75
109°45'
109°
108°
107°
106°
105°
103°58'
34°10'
34°
33°
30°16'

ABILENE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) [Abiline Air Terminal] (Tex)	2.8 ESE;RR N	1758	36h L5 S6	80,91 oct.100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED. P-line S,SE,SW.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118 5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;hwy N	2595	64h L5 S6	80,91,100 oct. NATS
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct. P-line N,E,NW.
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
(P) Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req.Use
Burkburnett (Tex)	1 SE;RR SW			ABANDONED rnwys.
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	80 oct.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld.
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots,flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct.Use rnwys prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct P-line S. RR SW.
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver. (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct P-line S
GOODFELLOW Army Range (Tex	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE.
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int,44,EO-FV(Tex		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	MRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct. prior req.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5 S6	80,91 oct.P-line N.Fld lgts
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct Bldg SW
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct.Poles SE,E,NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW
NEW FACILITIES				
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct.P-line N,NE,NW.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1500	35 S2	80 oct.P-line W.
Vernon (Tex)	2.3 SSE;hwy W	1210	27 S6	80 oct.Rough N,soft S ends
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE,SW.
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) [Lubbock AAF] (Tex) (A)	9 W;RR S	3332	65h	TEMP INACT.NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4895	75h	CLOSED.
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) [Midland AAF] (Tex) (A)	9.5 WSW;RR S	2867	64h	CLOSED.
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24) P-line SE.
(A) [Midland#2] (Tex)	3 NNW;rd E	2805	64h L5 S1	80,91 oct.91,100 oct JP- Army.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto. ends rough
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct.P-line SSW.
North Concho (San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req.
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91, 100 oct. No sto.
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) 12 noon 'til 1 hr.after
(P) [San Angelo-Mathis] (Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct sunset.Closed Mon
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct
[Sheppard/Kell Mun.] (Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91,100 oct.P-line W.
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct After 2100 lgts on req.P-line W,NW
Skyhaven (Midland,Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) [South Plains AAF] (Lubbock)	5.5 NNE;hwy W	3256	65h L5 S6	73,100 oct.(Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct.
Stamford (Tex)	2.5 N;hwy E			ABANDONED Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct.
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct
U & S Fly.Svc.(Big Spring,Tex)	See Hamilton under "New Facilities" - name changed.			
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel.
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct.
* West Brook Int,32,EO-FV (Tex	1.3 S;RR N	2188	34 L3	P-line N,S.
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
NEW FACILITIES				
GUTHRIE Range(Tex)	108.3(UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton,Tex)	1.5 E;RR W	3138	19 S2	80 oct.P-line N,NE,NW.
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct.P-line NE,W,NW.
Winston (Littlefield,Tex)	2.5 ENE	3550	43	P-line W. Strip lgts prior req.
Westodessa(Odessa,Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Decker Ranch (Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct.P-line NW,W,N.Trees
Hamilton (Big Spring,Tex)	1.5 N;hwy 1 S	2517	40 S6	80 oct,P-line N,NNE.Ctn. SW
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct. (Data unver.
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW
Snyder (Tex)	1.3 S	2270	21 S2	80oct.P-lines NW,W,SE.E blkd.


ALBUQUERQUE 83 OKLAHOMA CITY 85
TO CLARENDON
TO WASHINGTON
PORTALES
DOBA
WINSTON
DUGGAN
FLOYDADA
BUZZ
VERNON
VICTORY
ELECTRA
GILCHRIST
SHEPPARD (KELL)
WICHITA FALLS
239
116.1 MC
HOLMAN
SEYMOUR
ALBUQUERQUE
EL PASO
FLYINGM RANCH
IDALOU
PAUDLER
SOUTH PLAINS AAF
272 KC
FOR GUTHRIE
VHF RANGE
SEE CHART 146
LEVELLAND
LUBBOCK
224
COMMERCIAL
LUBBOCK AAF
SPUR
KNOX CITY
OLNEY
TO FORT WORTH
STATUTE MILES
BROWNFIELD
TRIANGLE
IAHOKA
POST
FORT WORTH
EL PASO
On request
GRAHAM
HARPERSVILLE
284
116.1 MC
HOBBS AAF
293
LOVINGTON
DENVER CITY
LAMESA
ROTAN
ANSON
ARLEDGE
BRECKENRIDGE
FORT WORTH
365
TAYLOR
HOBBS AAF
272 KC 126.18 MC
HOBBS MUN.
SEMINOLE
HOGG
BIG SPRING
326
116.1 MC
SNYDER
ABILENE
379
116.1 MC
COLORADO CITY
LIONS CLUB
AVENGER
HARPERSVILLE
WEAVER
DALLAS
341
GORDON
MIDLAND NO 2
219 KC 126.18 MC
STANTON
12
HAMILTON
WESTBROOK
BAIRD
CISCO
RANGER
GORMAN
STEPHENVILLE
COLORADO CITY
GREEN 5
MAKER
ABILENE AAF
ABILENE AIR TERM.
278 KC 118.7 MC
LOYD HINES
WINK
260
116.1 MC
CONTINENTAL
SPADE RANCH
WINGATE
WINTERS
COMANCHE
HINES
KERMIT
MIDLAND
SKYHAVEN
MIDLAND COM.
STANTON
COLEMAN
BROWNWOOD
SALT FLAT
R. ODESSA
BIG SPRING
278 KC 118.5
126.18 MC
MIDLAND AAF
GOODFELLOW AAF
BRUCE
NO. CONCHO
SKY HARBOR
MILLER
FORT WORTH
SAN ANTONIO
ECTOR CO.
MIDLAND
209
MONAHANS
WINK
ANDERSON
PECOS AAF
CRANE CO.
RITA SANTA
EL PASO
SAN ANTONIO
GOODFELLOW AAF
227
GOLDTHWAITE
CURTIS
WHITE
LAMPASAS CO.
PYOTE AAF
272 KC 126.18 MC
RANKIN
BIG LAKE
McCAMEY
SAN ANGELO-MATHIS
272 KC
IRAAN
IRAAN MUN.
GIBBS
WIN
ELDORADO
C-8 RANCH
MASON CO.
LLANO CO.
BURNET
KINSER RANCH
OZONA
JUNCTION
VHF RANGE
STARKS
MARFA AAF
FOR V.E.F. RANGES SEE CHARTS 144 TO 148
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 12°E TO 10°E →
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
EL PASO 105
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
BIG SPRING 121
SAN ANTONIO 125
ABILENE 107

FORT WORTH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld. Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct. Data unver. Trees
Carthage Air Svc. (Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct. P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
Commercial (Durant, Okla)	5.2 W;RR N			ABANDONED
Corsicana, com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana, mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris, Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Decatur (Tex)	1.5 N;rd SW	1100	26 S2	80 oct.
Denton (Tex)	4 WSW	630	42h S6	80,91 oct.
DUNCANVILLE H Fac. (Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
(P) Eaker (Durant, Okla)	3.2 SSW; RR NW	703	50h L5 S6	80,91 oct. All lgts prior req.
Elder (Kilgore, Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct. P-line W.
(P) Ellis Co. (Waxahachie, Tex)	3.5 NE;RR S	585	31 S2	73 oct. P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct. P-line W. Data unver.
(P) Gainesville (Tex)	3.8 WNW;RR S	833	45h S5	80,91 oct.
Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED
(A) Gaskin (Sherman, Tex)(A)	12.6 SW;rd E	745	40h	TMP INACT-NO FACS.
GRAUWYLER PARK H Fac.				DECOMMISSIONED
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct. Emerg. lgts by circling fld.
(P) Gregg Co. (Longview, Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
(P) Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct. Fence sur fld. req.
Hartlee (Denton, Tex)	5.4 NE	588	40 L S6	80,91 oct. Port lgts prior
HASLET H Fac. (Tex)	371 (T)	1°,8.1	FMHW	(Cont.) Ft. Worth P-line
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W. Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct. P-line NE
Jacksonville (Cypress, Tex)	3 N;RR E	500	26 S6	73,80 oct. P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct. Poles S
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct. P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS).	(4);126.18,118.7,122.5
(N)(P) [Meacham] (Fort Worth, Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73-100 oct. NATS (Hospital flights) P-line SE, NW.
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct. P-line S.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int, 48, JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman, Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT. NO FACS.
(P) Pounds (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct. Ctc lgts prior req. No sto.
(P) Rusk Co. (Henderson, Tex)	2.5 WSW;hwy N	440	30h	
Rodeo City (Jacksb'o, Tex)	4.5 N;arena W	1080	23 S2	80 oct. P-line SE. Trees S&E
St Jo (Texas)	1 N;lake 1 E	952	37	P-line NNE
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct. No sto. Port rnwy lgts. Poles NW.
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int, 14, DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville)	9.5 NNE	550	30	(Tex)
Southworth (Ft. Worth, Tex)	4.2 S;crk W	650	25 S4	80,91 oct.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct. Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct. Poles W. Ctc lgts prior req. Rnwy data
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont. unver.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct. P-line S,SE
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	124°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
→ [Waco Mun.] (Tex)	6 NW;lake 2 S	500	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill, Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT.
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo, Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville, Tex)	5.7 WSW;RR N	820	20 S6	80 oct. P-line N.
** Wills Point Int, 7, FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N Data unver.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

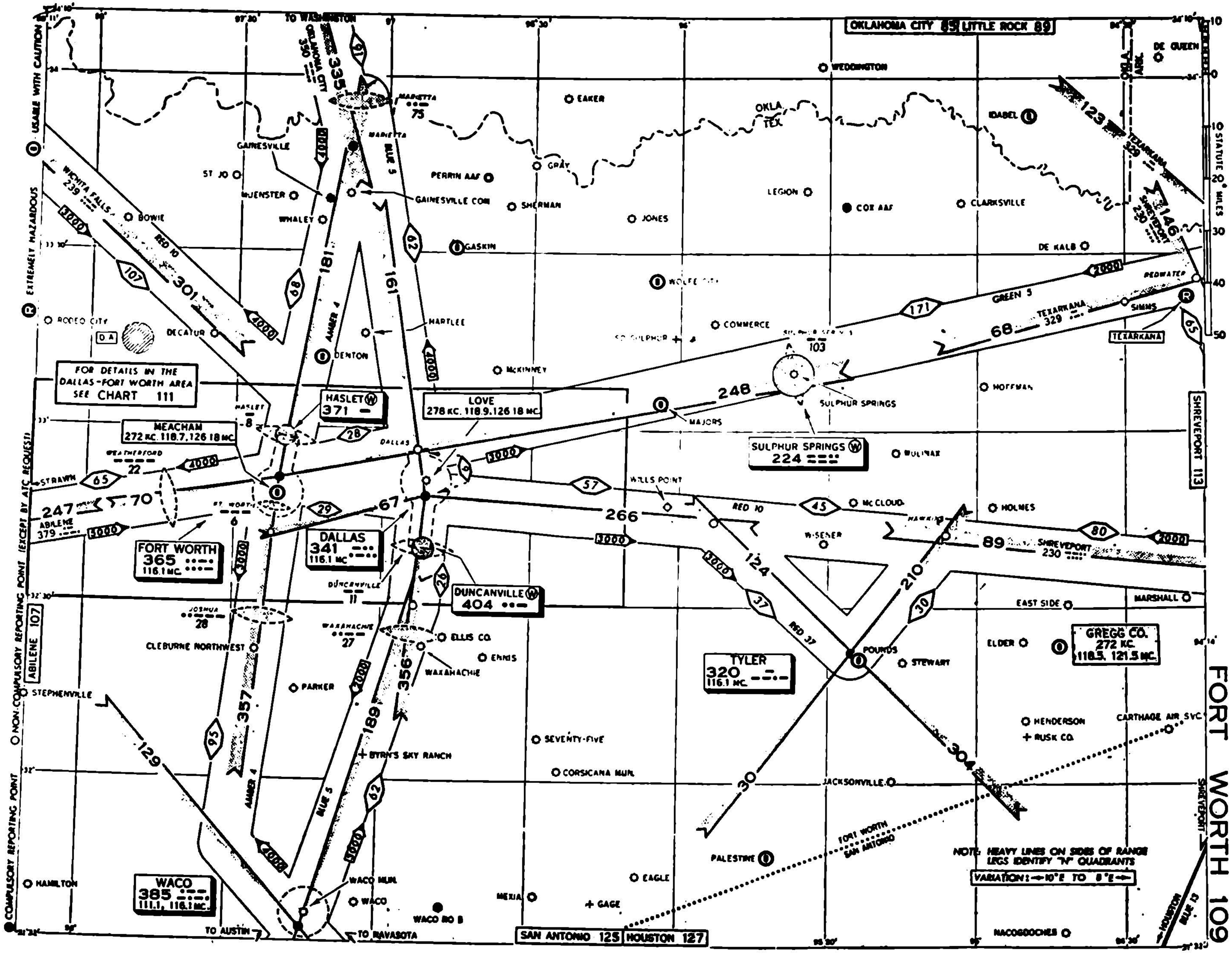
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
LOVE	110.3	335	126°	IM-	MM- •–•– (0.7) OM- – – (4.35)
				MMK-	OMK- 266 – • •
				IM-	MM- • OM-
MEACHAM	109.9	333.8	173°	IM-	MM- •–•– (0.71) OM- – – (4.10)
→					MMK- 356 •–•– OMK-

NEW FACILITIES

East Side (Longview, Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S
Hoffman (Mt. Pleasant, Tex)	2 SSW;RR E	416	32 S4	80 oct. P-line N.
Mulinax (Winnsboro, Tex)	1.3 SE	533	26 S1	80 oct. P-line NNE.
Irving (Tex)	1.6 NNE;hwy N	420	28 S6	80,91 oct. P-line N,W
De Queen (Ark)	3 NW;rd E,S	400	24 S1	80 oct. Appchs blkd
Pulley (Arlington, Tex)	0.6 N	616	28 S4	80 oct. P-line NW Trees S
Skyview (Ft. Worth, Tex)	9.3 NNW;lk 2.5 W	790	32 S1	80 oct. P-line NW
Eagle (Fairfield, Tex)	1.4 E	461	24 S2	80 oct. P-line S
Marshall's (Dallas, Tex)	7.2 SE	475	28 S6	80 oct. P-line SW,S
GREGG CO. Tower (Tex)	272 (118.5, 121.5)		CI	(4); 122.5,121.5,126.18

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 9317.6 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. (Jones) - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


FORT WORTH 109
OKLAHOMA CITY 89
LITTLE ROCK 89
TO WASHINGTON
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
FORT WORTH 365 116.1 MC
DALLAS 341 116.1 MC
WACO 385 111.1, 116.1 MC
HASLET 371
LOVE 278 KC. 118.9, 126.18 MC
MEACHAM 272 KC. 118.7, 126.18 MC
DUNCANVILLE 404
SULPHUR SPRINGS 224
TYLER 320 116.1 MC
GREGG CO. 272 KC. 118.5, 121.5 MC
TEXARKANA
SHREVEPORT 113
ABILENE 107
WICHITA FALLS 239
OKLAHOMA CITY 350
SHREVEPORT 230
TEXARKANA 329
ABILENE 379
SAN ANTONIO 125
HOUSTON 127
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS
VARIATION: 10°E TO 8°E
STATUTE MILES
GAINESVILLE
ST JO
BOWIE
MARIETTA
PERRIN AAF
GRAY
EAKER
WEDDINGTON
IDABEL
DE QUEEN
LEGION
COX AAF
CLARKSVILLE
JONES
SHERMAN
GAINESVILLE CDW
WHALEY
QUENSTER
GASKIN
DE KALB
REDWATER
SIMMS
GREEN 5
RODEO CITY
DECATUR
DENTON
HARTLEE
COMMERCE
MCKINNEY
HOFFMAN
SULPHUR SPRINGS
MAJORS
DALLAS
WEATHERFORD
STRAWN
WELLS POINT
MCCLOUD
HOLMES
WISENER
DUNCANVILLE
JOSHUA
CLEBURNE NORTHWEST
WAXAHACHIE
ELLIS CO.
ENNIS
PARKER
EAST SIDE
MARSHALL
ELDER
POUNDS
STEWART
STEPHENVILLE
HENDERSON
RUSK CO.
CARTHAGE AIR SVC
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA MUN
JACKSONVILLE
HAMILTON
WACO MUN
WACO
WACO RG B
MEXIA
EAGLE
GAGE
PALESTINE
FORT WORTH
SAN ANTONIO
NACOGDOCHES
TO AUSTIN
TO RAVASOTA
RED 10
AMBER 4
BLUE 5
BLUE 13
RED 37
3000
4000
7000
181
161
301
123
146
68
248
266
124
210
304
357
356
189
129
247
70
67
89
80
171
107
62
65
57
45
37
30
29
28
26
22
8
6
11
103
95

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	P-line SE,SW.
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	37h L S6	80,91oct.Ctc lgts on req.
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	29	Emerg. use.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct.
DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
Eagle Mtn Lake	1 SSE;RR NE	745	60h	CLOSED (Newark,
Faurie (Gonzales, Tex)	2 NNE	340	22 S4	80 oct.P-line NNE Tex.
Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	317(126.18)+		CA ● 4.5,05	(3); 126.18
(A) Fort Worth AAF (Tex) (A)	6.8 WNW;lk N	636	82h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No bcn.
GRAUWYLER PARK (Tex)				DECOMMISSIONED
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac.(Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	40 S6	80,91 oct.P-line NW.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex) (A)	6.2 WSW;RR SE	675	72h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED.
Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct. P-line N,W
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) Love (Dallas, Tex)	5 NNW ;hwy W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	P-line NW
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	42h L6 S6	73,80,91,100 oct.NATS (Hospital Flights) P-line SE,NW.
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4.	80,91 oct.No flood lgts.
Mission (San Antonio,Tex)	4.5 S;hwy E	567	24 S4	80 oct.P-line NNE,SSE.
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct.(Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
[San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S4	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	37 S4	80 oct.Trees NNE,SSE.
(A) Seguin #1 (Tex) (A)	3 E;rd N	520	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW
Sky Ranch (Arlington,Tex)	See Lucas Field under "New Facilities" - name changed			
STINSON Tower (Tex)	209		CI	3105, 6210 (8-21)
Stinson (San Antonio,Tex)	6.2 SSE;hwy W	604	49h S6	80,91 oct.P-line S,WNW
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy 0.5 W	968	33	6' fence sur fld.Use fld at own risk.
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	22 S6	80,91 oct.
★ Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMK-	OMK- 230•———
LOVE	110.3	335	126°	IM-	MM-•—•—(0.70)	OM- ——(4.35)
					MMK-	OMK-266 —••
				IM-	MM-	OM-
MEACHAM	109.9	333.8	173°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMK- 356 •••—	OMK-

NEW FACILITIES

Lucas(Arlington,Tex)	3 SW	590	19 S2	80 oct.P-line N,S,NW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - . dice on 116.1 and 111.1 mcs. ± - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

(SEE CHART 109)

DALLAS - FORT WORTH AREA

WICHITA FALLS
D.A.
TO MARIETTA
TO MARIETTA
HASLET 371
DALLAS 341 116.1 MC
FORT WORTH 365 116.1 MC
EAGLE MTN LAKE
AMBER 8
AMBER 181
107
68
62
181
171
CADDO MILLS
GREEN 5
REDWATER
248
DALLAS
LUSCOMBE
HIGHLAND PARK
HUDSON
MUSTANG
WHITE ROCK
102
WEATHERFORD
22
HICKS
SAGINAW
SKYVIEW
LOVE 278 KC. 118.9, 126.18 MC.
ARLINGTON
IRVING
STRAWN
65
MINERAL WELLS
NEACHAM 272 KC. 118.7, 126.18 MC.
FT. WORTH
6
70
WEATHERFORD
PARKER
FORT WORTH AAF 317 KC. 126.18 MC.
HANDLEY
29
PULLEY
GRAND PRAIRIE OLF
67
266
WALLACE
TERRELL
SKYLINE
MARSHALL 5
SECOND AVENUE
RED 10
CLEARVIEW
DUCANVILLE
HAWKINS
SOUTHWORTH
MIDWEST
LUCAS
T.C.U.
RUSSELL
ARLINGTON OLF
HENSLEY 396 KC. 126.18 MC.
DUNCANVILLE 404
LOU FOOTE
357
356
95
26
BLUE 5
TO WACO
TO WAXAHACHIE
10 0 STATUTE MILES 10 20

(SEE CHART 125)

SAN ANTONIO AREA

BIG SPRING
244
4000
23
ALAMO 344 116.1 MC
GIBOLO CREEK
174
AUSTIN 281
36
61
3000
FAUST
CLEAR SPRINGS NO 5
LULING
SAN ANTONIO (ALAMO) 278 KC 118.5 MC.
MEDINA
YATES
84
264
RANDOLPH AAF 272 KC 126.18 MC
234
SEGUIN
SEGUIN NO 1
FAURIE
3000
BLUE 30
127
195
142
DAVIS
LEON VALLEY
ZUEHL NO 6
C.A.
RANDOLPH AAF 359
HURT
354
AMBER 4
54
MARTINDALE NO 4
RIOMEDINA
SAN ANTONIO 254 116.1 MC
2000
MISSION
CRAIGG
40
BROOKS AAF 396 KC 126.18 MC
322
YOAKUM INT
YOAKUM
YOAKUM 236
KELLY AAF 219 KC. 126.18 MC.
BEXAR CO.
13
RED 32
318
LAKE
STINSON 209 KC.
LAREDO
TO PLEASANTON

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) (R): EXTREMELY HAZARDOUS (D): USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

CHART 111

SHREVEPORT

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
✱ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
Arkadelphia,24,DL-LV	1.5 ENE; RR NW	186	40 L3 S6	80 oct. (Ark)
Ashley Co.(Crossett,Ark	5.5 NE;RR E	160	22 S2	80 oct.P-line S.Trees N,W
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
→BARKSDALE Tower (La)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1.
Bastrop (La)	2.8 WSW;riv W	77	18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Childress (Flora,Miss)	1.5 NNW;RR E	186	25 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	140	26 S6	80 oct.P-line S,W.
→ Cole (Heads, Miss)	3 NE;RR W			ABANDONED.
Cypress(Greeny'l,Miss)	2.4 SSW;hwy W	125	28 S4	80 oct. NNE blkd.
David G.Joyce(Winnfield)	See Joyce under "New Facilities"			name changed.
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data unver
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct. (Mansfld,La)
Dixie Dusting (Greenv'l)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.(Miss)
Dossett(Beulah,Miss)	0.5 SE	160	21 S2	80oct.P-line S,SW.E,W blkd.
El Dorado (Ark)	1.5 S;rds W,E	277	24 S6	80 91 oct.P-line E.
(P) El Dorado-Goodwin (Ark	8.6 W;hwy S	278	51h L5	No bound.flood,obst lgts.
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
Grayson (Camden,Ark)	3.4 SW; hwy N	135	26 S6	80,91 oct P-line NE;trees
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct. SSW.NNE
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h L5 S2	80,91 oct.P-line E,SE.
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
Hinds Co.(Jackson,Miss)	12.8 W;RR 1.3 SE	244	40h	Pwrline N.
Hodge (La)	0.5 ENE;hwy W	300	24	Trees sur fld.
Hope (Ark)	6 NW; RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Jones(Merigold,Miss)	0.8 N;hwy,RR W	142	13 S1	80 oct.
Joseph H.Sharpe	See Sharpe under "New Facilities"			- name changed.
Lakeview (Leland,Miss)	1.5 SE;lake E	120	16 S4	80oct.N,E blocked
L.B.Strange (Tutwiler)	See Strange under "New Facilities"			-name changed.
Leland (Elizabeth,Miss)	1.5 NE;riv N	119	20 S2	80 oct.Pwrline NW.
LeTourneau(Yokena,Miss)	2.5 NW;riv NW	80	30 L S1	91oct.Bndry lgts pri.req.
Longview(Warrenton,Miss)	0.3 SE;RR W	110	20 S4	80 oct.E blkd P-line W
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
→ McGehee (Ark)	0.6 NNW;hwy E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selman)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La) (old)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) Selman (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct.
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118.7
(P) Shreveport (La)	2.5 N;riv E,S,N	179	45h L5 S6	80,91,100 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
✱ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Texarkana (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	40 S4	80, 91 oct.Obst sur fld.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.4 NW	106	24 S1	80 oct Tree SE;bldg NW
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.
Watts (Round Lake,Miss)	3 N; hwy W	145	26 S2	Priv.80,91 oct. ..

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

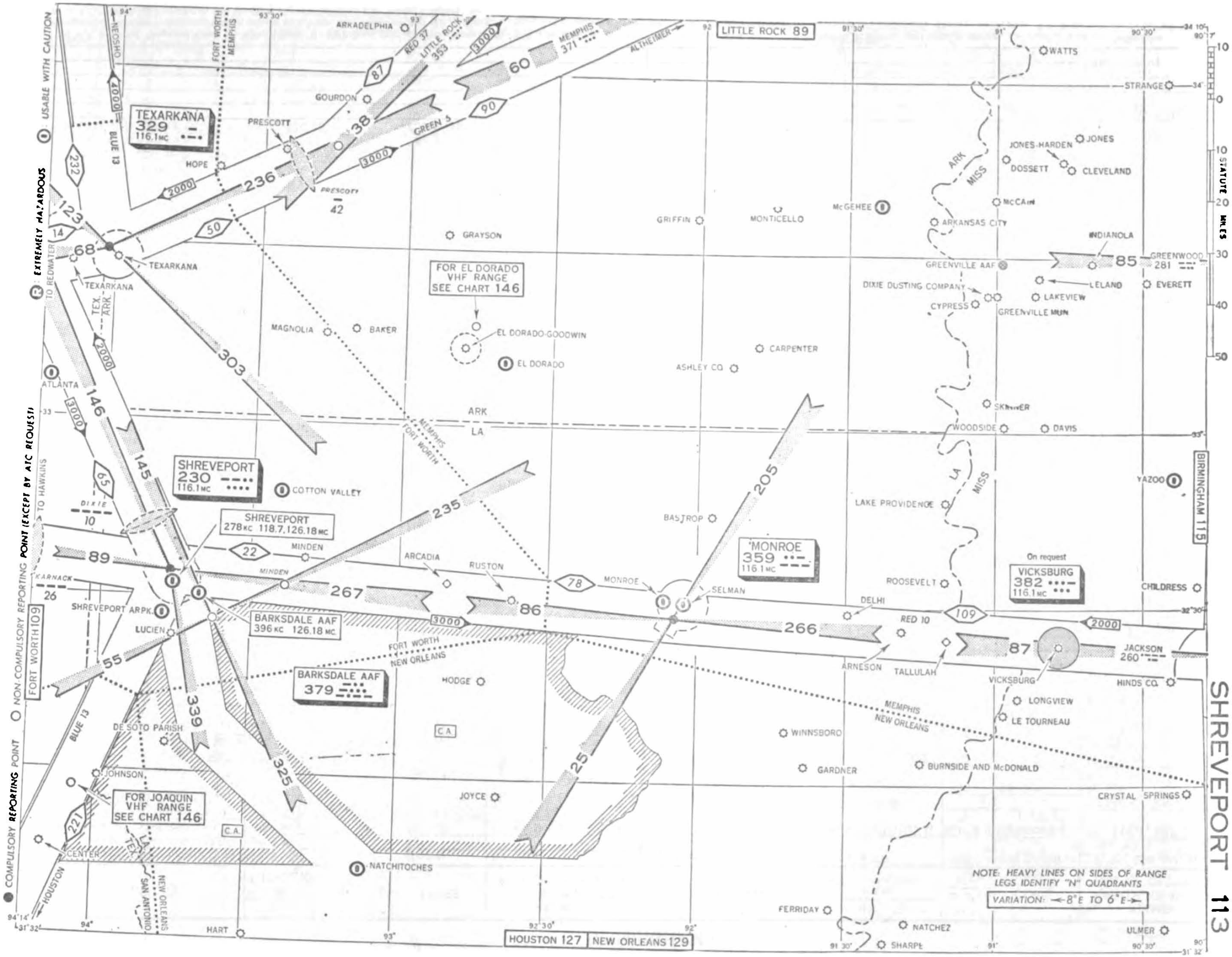
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-•••••(1.00)	OM- — —(4.00)
					MMK-	OMK-
→BARKSDALE (A)	110.3	335	323°	IM- (0.05)	MM-•••••(1.00)	OM- — —(4.40)
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109.1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
→ Collier (Drew, Miss)	0.6 NE;RR W			ABANDONED
McCain(Benoit,Miss)	0.8 NNE;hwy E	140	16 S1	80 oct.S blkd.Ctn-parked acft.
Davis (Nitta Yuma,Miss)	0.5 SSE;RR W	115	19 S1	80 oct.P-line W.Rough.
Crystal Spgs.(Miss)	0.7 SE	470	21	P-line NE;N,S,NW blkd.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2.3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld.W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. Port lgts.
Roosevelt (Sondheimer,	2.1 NNW;RR E	85	13 S1	80 oct. (La)
Center, Tex	1.2 ESE;hwy N	345	20	P-line NNW.
Jones-Harden (Cleveland,	4 NW;hwy 1,2 S	140	21 S5	80 oct.S blkd.Soft when wet.
Monroe Arpk(La)(new)	1.5 N;RR N	77	26 S6	80 oct.Trees SSE (Miss)
Aineson(Quebec,La)	1 NNW;RR S	100	18	Private N blkd.
Johnson(Logansport,La)	0.5 ENE;RR W	192	15 S2	80 oct.Trees N ends
Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91oct P-lines block both
Cyce (Winfield,La)	3 NW;hwy E	130	30 S2	80 oct. Data unver.
Strange (Tutwiler,Miss)	0.7 SSE;hwy W	160	22 S6	80 oct,N blkd. wet.
Sharpe (Natchez,Miss)	1.8 ESE;RR S	135	26 S4	80 oct.N,W blkd.Soft when

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ♣ A.A.C.S. Scheduled Broadcast on 4766 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
TO REDWATER
TO HAWKINS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
FORT WORTH 109
NEOSHO
FORT WORTH MEMPHIS
ARKADELPHIA
RED 37
LITTLE ROCK 353
MEMPHIS 371
ALTHEIMER
LITTLE ROCK 89
WATTS
STRANGE
GOURDON
PRESCOTT
TEXARKANA 329 116.1 MC
BLUE 13
HOPE
PRESCOTT 42
GREEN 5
JONES-HARDEN
JONES
DOSSETT
CLEVELAND
ARK
MISS
McCAIN
McGEHEE
GRIFFIN
MONTICELLO
ARKANSAS CITY
GRAYSON
INDIANOLA
GREENWOOD 281
GREENVILLE AAF
85
DIXIE DUSTING COMPANY
LELAND
EVERETT
CYPRESS
LAKEVIEW
GREENVILLE MUN
TEXARKANA
TEX-ARK
FOR EL DORADO VHF RANGE SEE CHART 146
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
CARPENTER
ASHLEY CO
ATLANTA
ARK
LA
MEMPHIS FORT WORTH
SKIVER
WOODSIDE
DAVIS
SHREVEPORT 230 116.1 MC
COTTON VALLEY
SHREVEPORT 278 KC 118.7,126.18 MC
MINDEN
ARCADIA
RUSTON
BASTROP
MONROE 359 116.1 MC
LAKE PROVIDENCE
YAZOO
BIRMINGHAM 115
On request
VICKSBURG 382 116.1 MC
ROOSEVELT
CHILDRESS
SHREVEPORT ARPK.
LUCIEN
BARKSDALE AAF 396 KC 126.18 MC
FORT WORTH NEW ORLEANS
DELHI
RED 10
JACKSON 260
ARNESON
TALLULAH
VICKSBURG
HINDS CO
BARKSDALE AAF 379
HODGE
LONGVIEW
LE TOURNEAU
MEMPHIS NEW ORLEANS
WINNSBORO
DE SOTO PARISH
JOHNSON
FOR JOAQUIN VHF RANGE SEE CHART 146
GARDNER
BURNSIDE AND McDONALD
JOYCE
CRYSTAL SPRINGS
CENTER
NATCHITOCHES
HOUSTON
SAN ANTONIO
NEW ORLEANS
HART
FERRIDAY
NATCHEZ
SHARPE
ULMER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8°E TO 6°E
HOUSTON 127
NEW ORLEANS 129
STATUTE MILES
SHREVEPORT 113

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Augustine (Jackson,Miss)	11.5 SSW	335	40 S4	80 oct.
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S6	73,100 oct.JP-1 Army
Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. Poles NE.
(P) Carroll Cone(Tupelo,Miss)	See Tupelo Airport under "New Facilities" - name changed			
Central Park (Birmingham, Ala)	5.2 NW;RR SE	535	18 S6	80,91 oct.P-lines NNW ,SSE,NNE.
Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma, Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;hwy SW	740	17 S4	80 oct.Trees SSE.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
Dannelly (Montgomery, Ala.)	7.5 SW; hwy N	219	40h L5 S4	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy N	310	20 S6	80 oct. Obst sur fld.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	20 S2	80 oct. Trees all appchs
Eutaw (Ala)	2 SE;hwy N	160	23 S4	80 oct.P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S hwy E	236	26 S6	80 oct. P-line,trees E.
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L3	P-line SW.
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	26 L3 S6	80oct.Trees E,SE,W.Use ctn.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L3 S3	80 oct.Trees N,S,W.Rough.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4);116.1,122.1
Greenwood Mun.(Miss)	2.3 SW;RR E	129	40h L5 S6	80,91 oct:P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
Grenada (Miss)	4 N;RR S	207	51h L S4	80 oct.B-2 lgts on req.
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR E	343	54h L6 S6	80,91 oct.Tank,stack E.
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED
Houston (Miss)	1.5 SW;hwy N	342	31 S4	80 oct NE,E,W blkd
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) [Key] (Meridian,Miss)	3 SW;RR E	297	51h L5 S6	80,91 oct;100 oct NG.Ctc
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	P-line S. lgts prior req. Cattle on fld.
Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Trees sur fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	2.5 NE;hwy S	200	28 S2	80 oct.N,E blkd.P-line W
MAXWELL Army Range (Ala)	362 (DXW)	85°,2.0	SBRAZ	(4)
MAXWELL Tower (Ala)	396 (126.18)+		CA ◆ 4;49,09	(4); 126.18

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	6 NE;hwy E	300	22 S6	80 oct.
O'Keefe (Newton,Miss)	1.5 ESE;rd N	363	23 S4	80 oct.Trees SSW,SE. Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;lake N	326	33 S6	80 oct.Obst S,SW,W,NW
(P) Oxford (Miss)	8 S;riv N,W	300	30 S2	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct.P-line W.No sto.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	29 S6	80 oct.P-lines N.
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(P) Starkville (Miss)	2.5 SW;RR NW	325	50h	
Stinson (Aberdeen,Miss)	2.8 NW;hwy E	239	40 S2	80 oct.P-line N;trees NW
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4);116.1,122.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L4 S6	80,91 oct. Obsts sur fld.
Walker Co. (Jasper,Ala)	2.2 NNE;RR W	527	31 L5 S4	80, 91 oct.
Winona (Miss)	1.0 SSE;RR W	370	28 S6	80,91 oct.Trees N,S. Rough.
* Zeiglerville Int,19,NO-LS (Miss)	3 SW;crk S Hwy E	274	26 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs.)

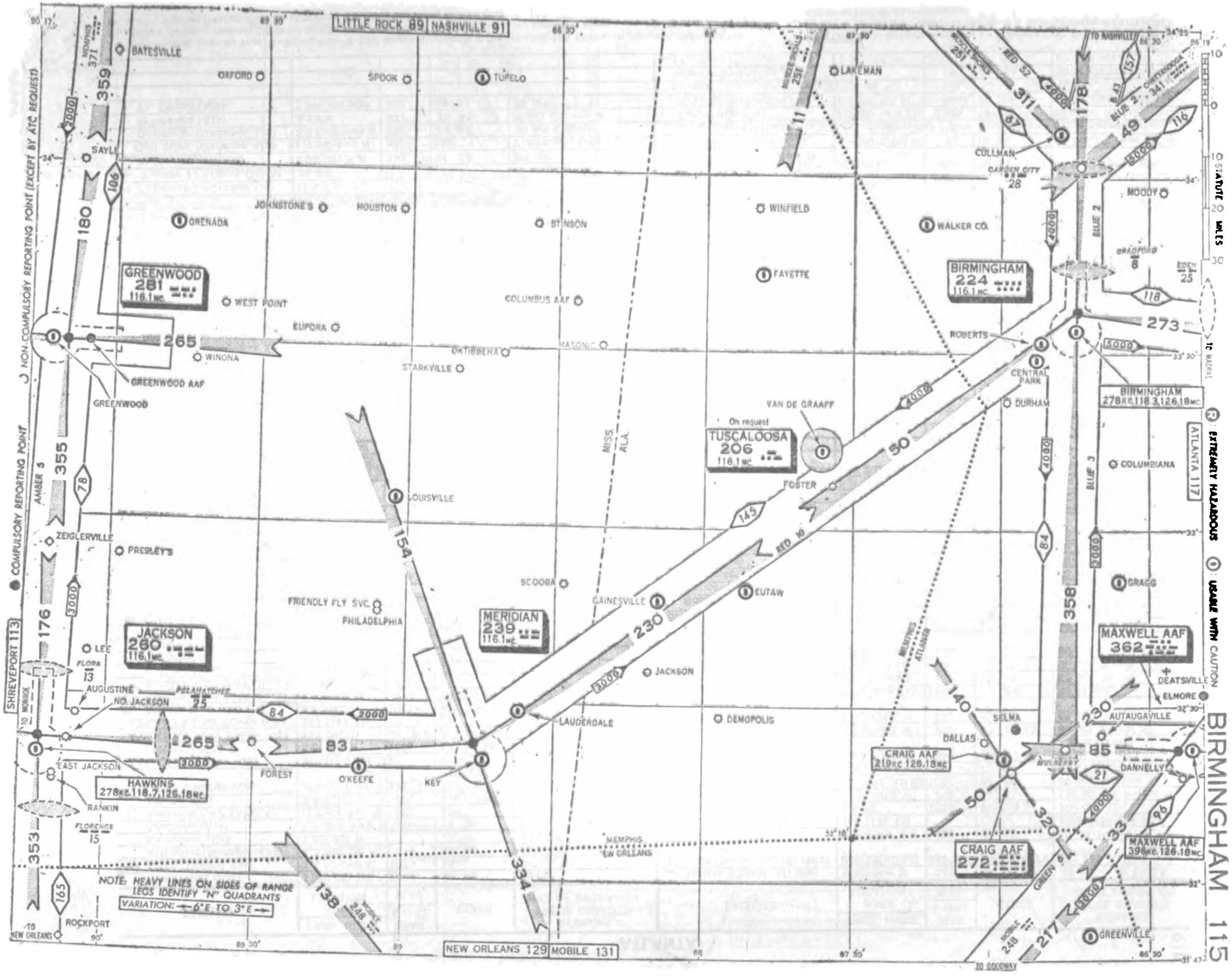
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- .-.- (0.70)	OM- — — (4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Friendly Flying Service, (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.
Deatsville (Prattsville,Ala	9.5 NNW;hwy W	524	40	Emerg only. S,SE blkd.
Durham (Bessemer,Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct.
Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct.Poles sur fld.
Fayette (Ala)	2.1 NNE;hwy W	359	18 S1	80 oct.P-line NW.
Jackson(Livingston,Ala)	1 N;hwy E	170	18 S4	80 oct
Scooba (Miss)	0.5 NE;RR W	250	19 S4	80 oct.P-line SE Soft when wet
Sayle(Charleston,Miss)	3.3 W;crk S	160	20 S2	80 oct. Bldg S
Winfield (Ala)	0.5 SSE;hwys NNE	460	24 L S4	80,91 oct Trees sur fld
(P) Tupelo (Miss)	3 W;hwy S	338	32 S6	80 oct.No acft repairs
Johnstones Arpk (Calhoun City,Miss.)	1.8 N;hwy W	210	16 S2	80 oct.Rough.Soft when wet.
Lakeman (Haleyville,Ala)	5 NE	810	18 S4	80 oct.SW hills,trees.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —► New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LITTLE ROCK 89 NASHVILLE 91
BATESVILLE
OXFORD
SPOOK
TUPELO
LAKEMAN
SAYLE
GRENADA
JOHNSTONS
HOUSTON
STINSON
WINFIELD
WALKER CO.
COLLMAN
GARDEN CITY
MOODY
BRADFORD
GREENWOOD 281 116.1 MC
WEST POINT
COLUMBUS AAF
FAYETTE
BIRMINGHAM 224 116.1 MC
EUPORA
WINONA
OKTIBBEHA
MASONIC
STARKVILLE
ROBERTS
CENTRAL PARK
DURHAM
GREENWOOD AAF
GREENWOOD
VAN DE GRAAFF
On request
TUSCALOOSA 206 116.1 MC
BIRMINGHAM 278 KC 118.3,126.18 MC
FOSTER
COLUMBIANA
LOUISVILLE
ATLANTA 117
ZEIGLERVILLE
PRESLEY'S
SCOOBA
GAINESVILLE
EUTAW
GRAGG
FRIENDLY FLY SVC.
PHILADELPHIA
MERIDIAN 239 116.1 MC
JACKSON 260 116.1 MC
MAXWELL AAF 362
LEE
JACKSON
DEATSVILLE
ELMORE
AUGUSTINE
NO. JACKSON
LAUDERDALE
DEMOPOLIS
SELMA
AUTAUGAVILLE
DALLAS
CRAIG AAF 219 KC 126.18 MC
EAST JACKSON
FOREST
O'KEEFE
KEY
DANNELLY
HAWKINS 278 KC 118.7,126.18 MC
RANKIN
MEMPHIS
NEW ORLEANS
CRAIG AAF 272
MAXWELL AAF 396 KC 126.18 MC
ROCKPORT
GREENVILLE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 6° E TO 3° E →
NEW ORLEANS 129
MOBILE 131
TO NEW ORLEANS
TO GODOWAY
SHREVEPORT 113
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
AMBER 5
MOUNDS
TO NASHVILLE
CHATTANOOGA
BLUE 2
BLUE 3
RED 52
RED 16
MERIDIAN
MEMPHIS
ATLANTA
MOBILE
GREEN 5
MISS.
ALA.
STATUTE MILES
NAUTICAL MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
BIRMINGHAM 115

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	28 S6	80 oct.
➝ Allen (Buford, Ga)	1.5 S;hwy SW	1070	15	P-line SW.
Allenport (Montgomery)	4.3 SSE;RR NE	175	30 S6	80 oct. Trees N. (Ala)
Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW;hwy E	610	24 S6	80 oct. 100' stack WNW.
(A) Anniston AAF (Ala)(A)	15 WSW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga) [Atlanta] (Ga)	278(118.7,126.18)		AC(ILS)	(4); 126.18,118.7,122.5
ATLANTA Navy Range (Ga)	8 S; RR N	1005	48h L6 S6	73-100 oct.
ATLANTA NAS Tower (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
(N) Atlanta NAS (Ga) (N)	356 (142.74)		CN	3105,4495,3117.5;142.7.
(P) Auburn-Opelika (Auburn)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
Bentley (Calhoun Falls, S.C.)	2.8 E;RR N	774	40h L5 S6	80 oct. (Ala)
Butler 14,TJ-AG (Ga)	3 ENE	500	21	RR NNW.
Cedartown (Ga)	0.5 NW;RR S	667	32 L3	S,SW,NE blkd.
Centre (Ala)	1.2W;hwy SE	800	30 S4	80 oct. SE blkd.
City-Co. (Carrollton,Ga)	0.6 NNW	720	22 S4	80 oct. Trees SSE.
➝ Clevenger's Arpk. (Marietta, Ga)	See Carrollton Airport under "New Facilities"-name changed			
➝ Cobb (Marietta, Ga)	See Lunsford under "New Facilities" - name changed.			
(A) Cochran (Macon,Ga)(A)	6.4 SSW;rd S	1050	16 S1	Ltd 80 oct. No sto. Trees
Cochran 50,MM-AG (Ga)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
Columbus (Ga)	5 NE;riv E	324	30 L3 S6	80 oct. Trees SSW. (Ga)
(P) Cordele (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
Crawford W. Long (Jefferson, Ga)	1.6 NNE;RR W	305	52h	
(N,P) Dublin (Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE.
Elberton (Ga)	4.5 WNW;hwy S	303	50h L2 S6	Fld lgts on req.
Felton (Cartersville,Ga)	2 SE;hwy W,N	800	19 S1	80 oct. NATS (Hospital)
➝ Flying "S" Ranch (Villa Rica, Ga)	2.5 N;hwy W	790	24 S4	80 oct. Obst sur fld blkd.
Gadsden (Ala)	1.7 NE	1040	17 S2	80 oct. ENE,WSW,NNW
Gainesville (Ga)	See Gulf Steel under "New Facilities" - name changed.			80 oct. Rocks NE.
Griffin-Spaulding (Griffin)	1.5 S;RR E,NW	1277	40h (L6) S6	80,91 oct. Lgts on req.
GUNTER Tower (Ala)	1.5 S;hwy SSE	936	30 L4 S6	80,91 oct. ENE,SSE,WSW
(A) Gunter (Montgomery,Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule) NNW blkd
Herbert Smart (Macon,Ga)	5 NE;hwy N	225	37h L5	(A)
Hurtsboro (Ala)	4 ESE;hwy W	463	47h L5 S6	80, 91 oct. P-line NE.
* Jackson Int,57,MM-AG(Ga)	2.5 SE;RR SW	349	23 S1	78 oct.
JONESBORO K Fac. (Ga)	4.6 SW	716	30 L3	
Kings (Milledgeville, Ga)				DECOMMISSIONED.
(P) La Grange (Ga)	See Milledgeville under "New Facilities" - name changed.			
➝ Lakewood (Atlanta,Ga)	See Calloway Arpt under "New Facilities"-name changed			
➝ LAWSON Army Range (Ga)	4 S;lake SE	1026	16 S8	80 oct.
LAWSON Tower (Ga)	379(DVL)	21°,3.3	BMRLZ	(3)
(A) Lawson (Columbus,Ga)(A)	278 (126.18)+		CA	(3); 126.18
	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway (LaGrange,Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct.
➝ Turner #1 (Albany,Ga)(A)	15 NE			ABANDONED.
Valley (Lanett,Ala)	2 SE;riv N,E	552	26 S6	80 oct.
Gulf Steel (Gadsden,Ala)	1.9 SW;hwy N	540	15h	Fld rough. Obst sur fld.
Goodyear (Gadsden,Ala)	3.5 ESE;hwy N	500	18 S4	80 oct. E blkd.
Sylacauga (Ala)	2.5 SW	571	19 S6	80 oct. Quarry W
Ft. Payne (Ala).	2 SW;RR NW	800	18 S4	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
➝ McRae,47,MM-AG (Ga)	2 SE;hwy N	247	26 L3 S4	80 oct. W blkd. Rough
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1
Madison (Ga)	2 SSW;RR .5 E	720	26 S2	SSE blkd, 80 oct. P-line NE,NNW,
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR;hwy W	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	23 S4	80 oct.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E.
➝ Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy E	750	23 S2	80 oct. S,W blkd;p-line N
Ries (Macon, Ga)	4.5 SE;riv E	300	17 S1	80 oct. N,E blkd.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	21 S2	80 oct. W,NW blkd.
Rockmart (Ga)	2 ENE;RR W	900	24 S6	80 oct. Trees N.
Rome (Ga)	3 NW;RR S	669	26 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;hwy 1 NE	654	39 L3	SE blkd.
Souther (Americus,Ga)	4 NE;RR W	470	53 S6	80 oct. NE blkd, trees E
Talladega (Ala)	2.6 NE;hwy E	590	18 S4	P-line E, hill W. No sto.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	(Ga)
Thomas C. Russell (Alexander City, Ala)	See Russell under "New Facilities" - name changed.			
(P) Troy (Ala)	4.8 NNW;rd E	393	50h L5	
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	See McGill Field under "New Facilities" -name changed			
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	35 L5 S6	80 oct. No bcn.
Winder,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
➝ Woodbury (Ga)	1.5 E	770	16	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

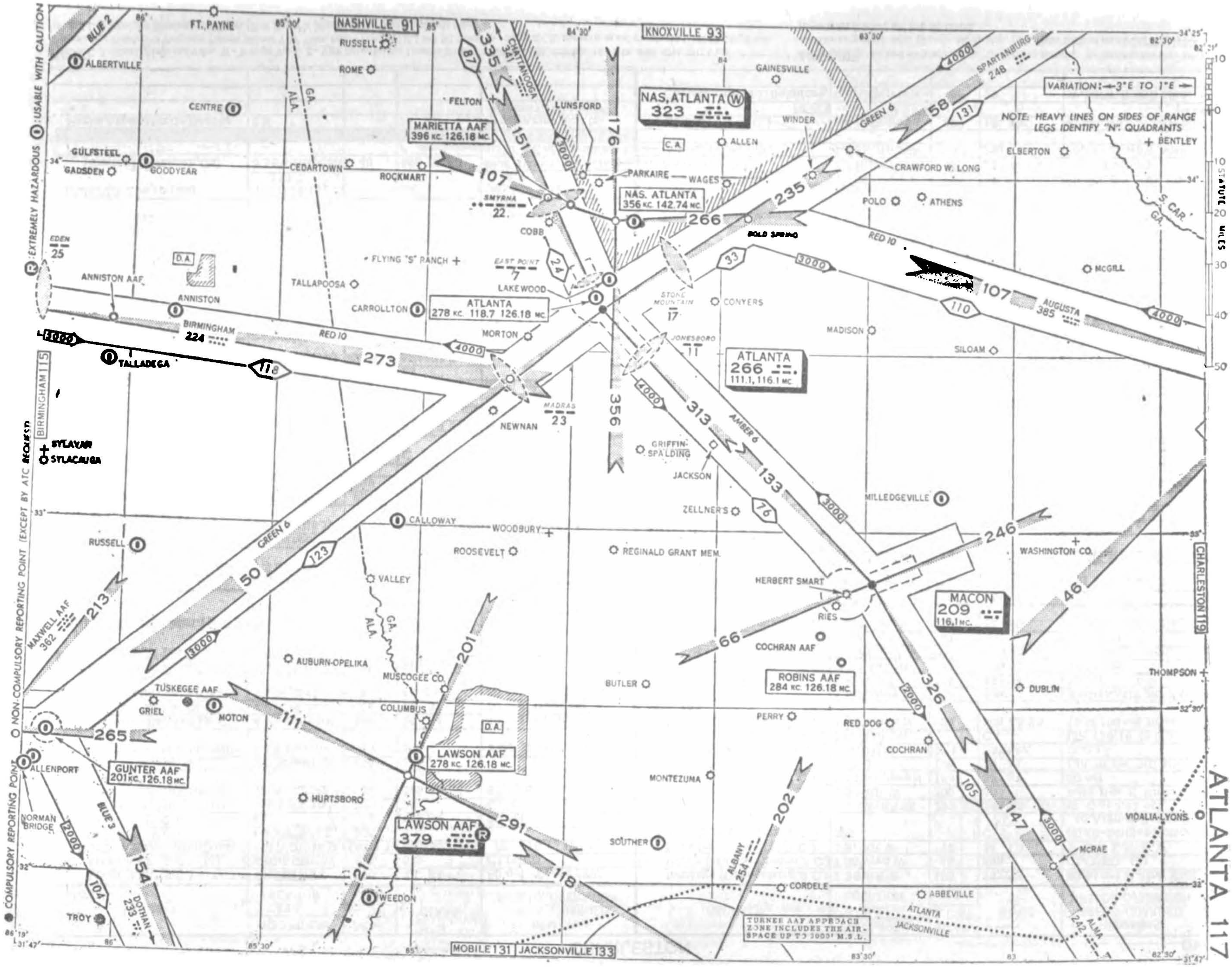
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ATLANTA	109.9 -.-.-	333.8	329°	IM-	MM- ·-·-(0.70) OM- – –(4.40)
					MMK-201 ·–·· OMK-219 ····

NEW FACILITIES

Milledgeville ,(Ga.)	1.5 NW;RR SW	360	28 S4	80 oct. NW blkd. Pwr line E.
➝ Abbeville (Ga)	0.8 S;hwy E	260	16	P-line W Emerg only.
Griel Aux (Tallassee,Ala)	4 S;riv NE	200	35	P-line W. Trees NE
➝ Perry (Ga)	1.5 NNW;hwy W	340	16 S1	80 oct. Lgt acft only.
➝ Gadsden (Ala)	5 SW	560	48h S6	
Thompson (Swainsboro,Ga)	1 W;hwy E	300	32	
Washington Co. (Sandersville,Ga)	1 E;RR W	460	26 S1	80 oct. Trees NW.
Zellner's (Forsyth,Ga)	1.8 NNW;RR W	705	18 S1	80 oct. Trees SW,NW.
Camp Sibert (Attalla,Ala.)	See Gadsden under "New Facilities" - name changed.			
Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
McGill (Washington,Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S
Russell (Alexander City,Ala)	1.5 SW	711	32 S6	80 oct.
Sylavan (Sylacauga,Ala)	2 W	560	23 S4	80 oct. Slippery when wet.
➝ Lunsford (Marietta,Fla)	5 NE;RR W	1050	18 S8	Ltd 80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs/
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
* A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page xiii)
➝ New or revised data. [Jones] - Airline Stop. N B Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ATLANTA 117
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 3°E TO 1°E
NASHVILLE 91
KNOXVILLE 93
NAS, ATLANTA (W) 323
MARIETTA AAF 396 KC. 126.18 MC.
NAS. ATLANTA 356 KC. 142.74 MC.
ATLANTA 278 KC. 118.7 126.18 MC.
ATLANTA 266 111.1, 116.1 MC.
LAWSON AAF 278 KC. 126.18 MC.
LAWSON AAF 379
GUNTER AAF 201 KC. 126.18 MC.
ROBINS AAF 284 KC. 126.18 MC.
MACON 209 116.1 MC.
MOBILE 131 JACKSONVILLE 133
CHARLESTON 119
TURNER AAF APPROACH ZONE INCLUDES THE AIR-SPACE UP TO 3000' M.S.L.
FT. PAYNE
ALBERTVILLE
CENTRE
RUSSELL
ROME
FELTON
LUNSFORD
GAINESVILLE
WINDER
ALLEN
PARKAIRE
WAGES
CRAWFORD W. LONG
ELBERTON
BENTLEY
POLO
ATHENS
S. CAR.
GA.
GULFSTEEL
GADSDEN
GOODYEAR
CEDARTOWN
ROCKMART
SMYRNA
COBB
EAST POINT
LAKEWOOD
FLYING "S" RANCH
TALLAPOOSA
CARROLLTON
ANNISTON AAF
ANNISTON
EDEN
BIRMINGHAM
TALLADEGA
MORTON
NEWNAN
MADRAS
STONE MOUNTAIN
CONYERS
JONESBORO
MADISON
SILOAM
McGILL
AUGUSTA 385
SPARTANBURG 248
BOLD SPRING
RED 10
GREEN 6
AMBER 6
GRIFFIN-SPALDING
JACKSON
ZELLNER'S
MILLEDGEVILLE
WASHINGTON CO.
REGINALD GRANT MEM.
ROOSEVELT
WOODBURY
CALLOWAY
VALLEY
AUBURN-OPELIKA
MUSCOGEE CO.
COLUMBUS
TUSKEGEE AAF
GRIEL
MOTON
HERBERT SMART
RIES
COCHRAN AAF
BUTLER
PERRY
RED DOG
COCHRAN
DUBLIN
THOMPSON
MONTEZUMA
SOUTHER
CORDELE
ABBEVILLE
ATLANTA
JACKSONVILLE
ALBANY 254
MAXWELL AAF 362
HURTSBORO
WEEDON
ALLENPORT
NORMAN BRIDGE
TROY
DOTHAN 233
VIDALIA-LYONS
McRAE
ALMA
RUSSELL
SYLACAUGA
BIRMINGHAM 115
335
87
151
107
176
235
266
58
131
4000
3000
2000
1000
224
273
118
33
24
17
11
23
21
313
133
76
246
46
123
50
213
201
111
265
291
118
154
104
202
326
105
147
242
66
10
20
30
40
50
STATUTE MILES

CHARLESTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga) (Daniel)	385 (VD) (116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal] (Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S4	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT. NO FACS.
Carlisle (Bamberg, S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	29 S6	80 oct. ENE, E, WSW, NW blkd.
CHARLESTON Range (S.C.)	329 (CS) (116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18, 118.3, 122.5
(N) [Charleston Mun.] (S.C.)	9.8 NW;RR Bounders Fld NE	45	70h L6 S1	80,91,100 oct. Use rnwys only. NATS. (Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E			ABANDONED.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR S	50	70h L5 S4	100 oct, 1-ech ltd 2-ech maint NG. No bcn.
Clark (Charleston, S.C.)	4 S;harbor NE	6	21 S4	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227 (CI) (116.1)	268°,7.3	SBRAZ-DTV	(4); 116.1, 122.1
(NG) Congaree (Columbia, S.C.)	15.5 ESE;RR S	237	45h	
(A) Coronaco AAF (Greenw'd)	3.8 N;RR E	629	50h	(S.C.) (A) CLOSED. fld.
Conway (S.C.)	2 1 N;RR W	20	24 S1	80 oct. Trees, p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4); 126.18, 122.5, 118.9
[Daniel] (Augusta, Ga)	2.5 W;RR S	424	42h L5 S6	80,91 oct. P-line S
Donald (St. Matthews, S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct. Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.
* Elloree Int, 25, AG-CS (S.C.)	5.5 SE;RR N	247	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320 (FL) (116.1)	292°,1.7	SBMRLZ-DTV	(4); 116.1, 122.1
Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
→ Glennville (Ga)	2 SW;hwys N, E	175	32	No facs for public.
→ Greenwood (S.C.)	2.6 W;RR E	650	24 S6	80,91 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg, S.C.)	5 S;RR E			ABANDONED
→ Hinesville (Ga)	3 S; RR E, S	55	24 S6	80 oct. No sto. Rdo repairs
Huggins (Timmonsv'l, S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct. Pwr line NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5, 126.18, 118.7
[Hunter] (Savannah, Ga)	3.5 SW;RR yd NW	40	50h L5 S6	80,91,100 oct. Sharp incline 370' NE of NE/SW strip
NEW FACILITIES				
Parks Arpk (Myrtle Beach, S.C.)	2 N		25 S1	80 oct. Army Acft in Vicinity. Data unver.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Jennings (Orangeburg, S.C.)	2.3 S;RR E	190	25 S2	80,91 oct. P-line ENE
(A) John's Isl. (Charleston, S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int, 24, JX-RW (S.C.)	3 S; RR W	72	34 L3	P-line E, ESE, W
LEXINGTON CO. Twr. (S.C.)	396		C	(4); (8-24) (See Notice to Airmen Section)
(P) [Lexington Co.] (Columbia)	6.5 SW;RR SE	233	56h L5 S1	(S.C.) 80,91 oct.
(P) Lindsey (Swainsboro, Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale, S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRAZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy N;	24	50h L5 S6	73,91,100 oct. No sto.
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT. NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee, S.C.)	3.3 S;hwy NW	33	60h S1	80,91 oct.
→ Owens (Columbia, S.C.)	See Columbia under "New Facilities" - name changed.			
Parris Isl. (S.C.)	1.5 S	11	60h	CLOSED
Peiffer (Wilmington, N.C.)	6 ESE;hwy N	10	18 S6	80 oct. N, NNE blkd.
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga) (Hunter)	263 (SH) (116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
→ Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy NW	10	29 S6	80 oct. N, NE blkd. Rough,
SHAW Tower (S.C.)	272 (126.18)		CA	(3); 126.18
(A) Shaw (Sumter, S.C.) (A)	7 WNW;hwy S	236	45h L5 S6	73,91,100 oct. JP-1.
(P) Statesboro (Ga)	3.8 NE;hwy W	180	53h S4	80 oct.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct. Data unver.
Sylvania (Ga)	7.5 SSE	160	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston, S.C.)	5.5 W;RRs N	12	29 S6	80 oct. Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W. Savannah (Savannah, Ga)	3 W;RR W, N	42	23 S6	80 oct. P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct. N & E blocked.
(P) Woodward (Camden, S.C.)	2.9 NE;hwy E	300	30h S4	80,91 oct. Parked acft on fld

INSTRUMENT LANDING SYSTEMS (*Localizer and G.P. in mcs, Compass Locators in kcs*)

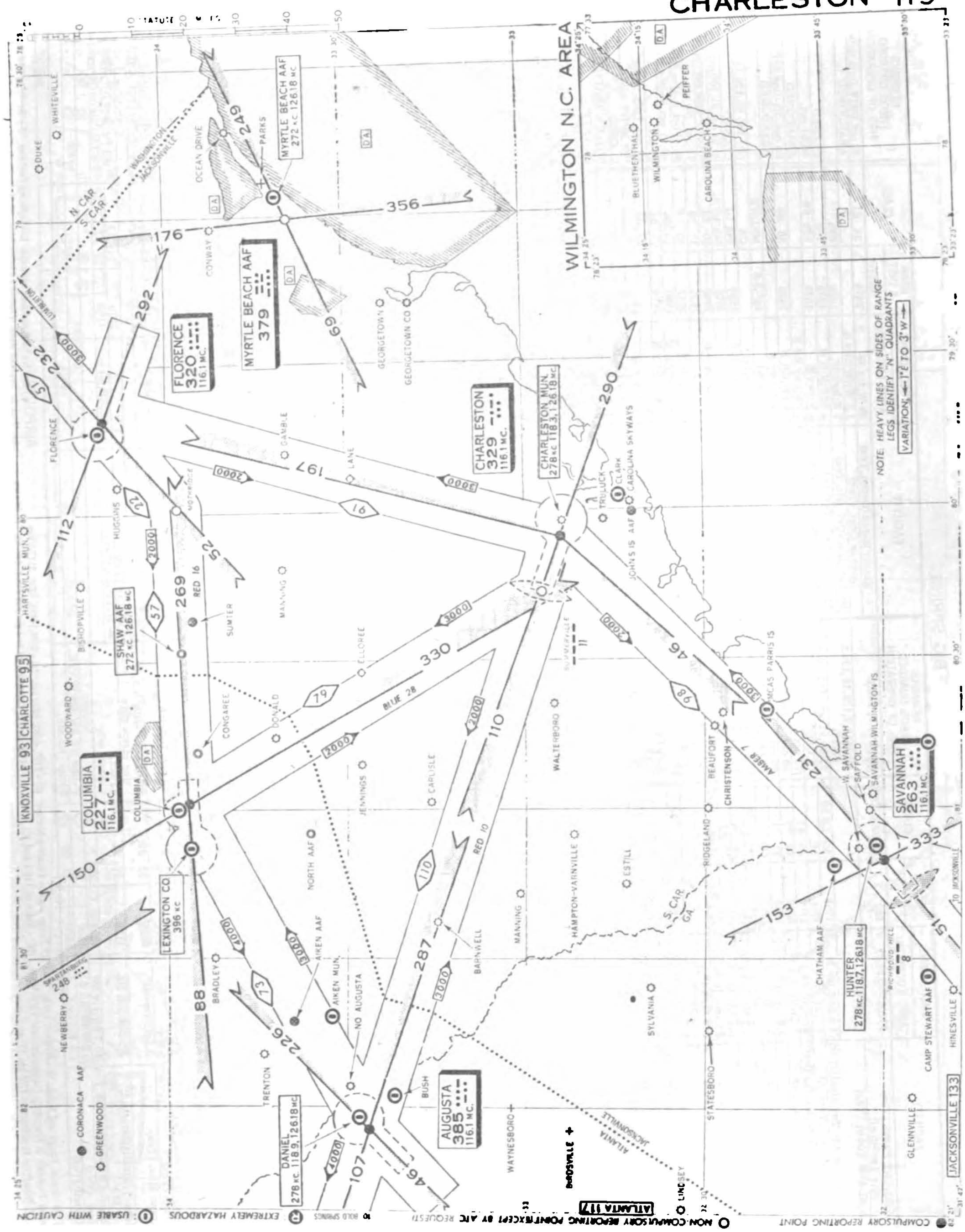
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- ·—·—(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Hampton-Varnville (Hampton, S.C.)	1.6 E;RR SW	110	28	ESE, SSW, WNW blkd.
Bradley (Batesburg, S.C.)	3.2 SE;hwy W	537	22 S2	80 oct. P-line W, trees
Gamble (Kingtree, S.C.)	1.8 E;hwy N	52	21 S2	80 oct. S, W blkd S, SE.
Saffold (Savannah, Ga)	4.8 ESE;hwy S	10	32 S6	80,91 oct.
Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. NE, ENE blkd.
Newberry (S.C.)	2.3 NNW;RR NE	565	22 S6	80 oct. P-line E
→ Columbia Mun (S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91 oct. WSW, NNW blkd. P-line SSE.
Bishopville (S.C.)	1.8 NNE;hwy S (S.C.) 0.6 SW	220	19 S2	80 oct. NNE, E, SSW blkd by trees
Christenson Fld (Beaufort,	0.8 NNW;riv N	20	26	W, NNW, E, SSE blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on emd guards 116.1, 127.95, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

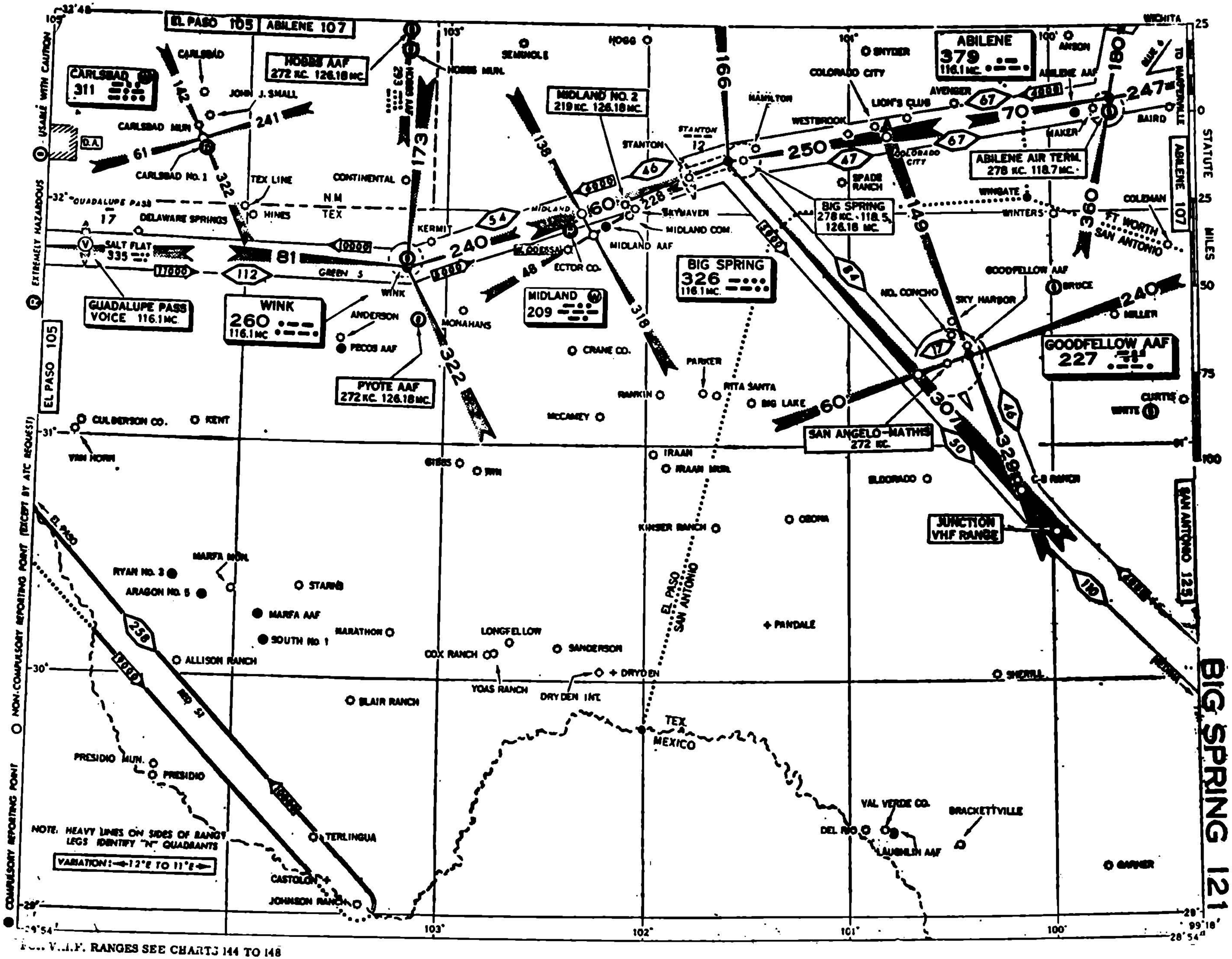

WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
PEIFFER
CAROLINA BEACH
D A
MYRTLE BEACH AAF
272 KC 12618 MC
PARKS
OCEAN DRIVE
DUKE
WHITEVILLE
N CAR
S CAR
WASHINGTON
JACKSONVILLE
CONWAY
GEORGETOWN CO
GEORGETOWN
FLORENCE
320
116.1 MC.
MYRTLE BEACH AAF
379
CHARLESTON
329
116.1 MC.
CHARLESTON MUN.
278 KC 118.3,126.18 MC
249
356
176
292
232
69
290
197
112
52
269
330
110
46
231
153
107
287
92
88
150
333
51
2000
3000
4000
16
12
57
79
86
98
73
LUMBERTON
FLORENCE
HARTSVILLE MUN.
HUGGINS
MARION
LANE
GAMBLE
CLARK
TRULUCK
CAROLINA SKYWAYS
JOHNS IS AAF
SHAW AAF
272 KC 126.18 MC
BISHOPVILLE
WOODWARD
SUMTER
MANNING
RED 16
ELLOREE
CONGAREE
DONALD
BLUE 28
KNOXVILLE 93 CHARLOTTE 95
COLUMBIA
227
116.1 MC.
COLUMBIA
JENNINGS
CARLISLE
NORTH AAF
WALTERBORO
MCAS PARRIS IS
BEAUFORT
CHRISTENSON
RIDGELAND
ESTILL
W. SAVANNAH
SAFFOLD
SAVANNAH WILMINGTON IS
SAVANNAH
263
116.1 MC.
AMBER 1
RED 10
HAMPTON-VARNVILLE
S CAR
GA
LEXINGTON CO
396 KC
SPARTANBURG
248
NEWBERRY
BRADLEY
TRENTON
AIKEN AAF
AIKEN MUN.
NO AUGUSTA
BARNWELL
SYLVANIA
CHATHAM AAF
HUNTER
278 KC 118.7,126.18 MC
RICHMOND HILL
CAMP STEWART AAF
HINESVILLE
CORONACA AAF
GREENWOOD
DANIEL
278 KC 118.9,126.18 MC
BUSH
AUGUSTA
385
116.1 MC.
WAYNESBORO
ATLANTA
JACKSONVILLE
STATESBORO
LINDSEY
GLENNVILLE
JACKSONVILLE 133
ATLANTA 117
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 4°E TO 3°W
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT(S) BY ATC REQUEST
COMPULSORY REPORTING POINT

BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ABILENE Range (Tex) (Air Terminal)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3); 116.1, 122.1
ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;hwy N	2595	62h L5 S6	80,91,100 oct. NATS P-line N,E,NW.
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req. Use rnwys.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW;hwy SE	3276	67h L5 S6	73,80,91 oct.No flood.Fld lgts on req.Rnwy data unver.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only
Combs (Marathon, Tex)	See Marathon under "New Facilities" - name changed.			
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) **Culberson Co.**(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
(P) **Curtis** (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE.
* Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N.
Dryden Airdrome (Tex)	1 W	2159	18	
** Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h	TMP INACT.
GUADALUPE PASS (Tex)	(116.1)		VP	(4);116.1,122.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (7-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct. prior req.
Hobbs Mun (N.M.)	5 W;hwy N	3658	50h L5 S6	80,91 oct.P-line N.Fld lgts
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Laughlin (Del Rio,Tex)	7 E;hwy N	1070	67h	
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)	219 (126.18)		CA	(4); 140.58,126.18 (6-24)
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
(A) [Midland#2](Tex)	3 NNW;rd E	2805	64h L5 S1	80,91 oct.91,100 oct JP-1 Army.
Midland Com. (Tex)	1.1 SSE; hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	33 S6	80,91 oct.P-line SSW.
[North Concho](San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon)(Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S6	91,100 oct. No sto.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4); 12 noon til 1 hr.after sunset.Closed Mon
(P)[San Angelo-Mathis](Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct.400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld.
Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	P-line W,NW. 80,91 oct.After 2100 lgts on req.
Skyhaven (Midland,Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED.
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S			ABANDONED.
U & S Fly.Svc.(Big Spring)	See Hamilton under "New Facilities" - name changed.			
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Westodessa (Odessa,Tex)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Hamilton (Big Spring,Tex.)	1.5 N;hwy 1 S	2517	40 S6	80,91 oct.P-line N,NNE.Ctn. blkd. Data unver
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW.
Snyder (Tex)	1.3 S	2270	21 S2	80 oct.P-lines NW,W,SE.E
Marathon (Tex)	0.8 SE;RR N	4100	26 S2	80 oct.Cattle on fld occasionally

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. **(vhf) - Voice on 116.1 and 111.1 mcs. + - Army** A.C.S. **transmits on** and guards 116.1, **127.65, 140.58 mcs.**
● **A.A.C.S.** Scheduled Broadcast on **4765 kcs. (First Figure is Scheduled time, Second Alternate time)**

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New **or revised data.** [Jones] - Airline Stop. N. B. Radio **facilities are all** CAPITALIZED.
Airports are indented and non-capitalized.


EL PASO 105
ABILENE 107
CARLSBAD
311
CARLSBAD MUN
CARLSBAD No. 1
HOBBS AAF
272 KC. 126.18 MC.
JOHN J. SMALL
TEX LINE
HINES
CONTINENTAL
N.M.
TEX.
DELAWARE SPRINGS
SALT FLAT
335
GUADALUPE PASS
VOICE 116.1 MC.
WINK
260
116.1 MC.
GREEN 5
WINK
ANDERSON
PECOS AAF
PYOTE AAF
272 KC. 126.18 MC.
HOBBS MUN.
SEMINOLE
MIDLAND NO. 2
219 KC. 126.18 MC.
KERMIT
MIDLAND
ODESSA
ECTOR CO.
MIDLAND AAF
MIDLAND COM.
SKYHAVEN
MIDLAND
209
MONAHANS
CRANE CO.
BIG SPRING
326
116.1 MC.
HOGG
STANTON
12
HAMILTON
WESTBROOK
COLORADO CITY
SNYDER
ABILENE
379
116.1 MC.
ABILENE AAF
AVENGER
LION'S CLUB
MAKER
BAIRD
ANSON
ABILENE AIR TERM.
278 KC. 118.7 MC.
SPADE RANCH
BIG SPRING
278 KC. 118.5
126.18 MC.
WINGATE
WINTERS
COLEMAN
FT. WORTH
SAN ANTONIO
GOODFELLOW AAF
BRYCE
MIDLAND CO.
MD. CONCHO
SKY HARBOR
MILLER
GOODFELLOW AAF
227
CURTIS
WHITE
PARKER
RANKIN
RITA SANTA
BIG LAKE
SAN ANGELO-MATHIS
272 KC.
IRAAN
IRAAN MUN.
ELDORADO
C-B RANCH
JUNCTION
VHF RANGE
KINSER RANCH
OZONA
PRINDALE
SHERRILL
GARNER
CULBERSON CO.
KENT
VAN HORN
GIBBS
SIN
MARFA MUN.
RYAN No. 3
ARAGON No. 5
MARFA AAF
SOUTH No. 1
STARNS
MARATHON
ALLISON RANCH
LONGFELLOW
COX RANCH
SANDERSON
YOAS RANCH
DRYDEN
DRYDEN INT.
BLAIR RANCH
PRESIDIO MUN.
PRESIDIO
TERLINGUA
CASTOLON
JOHNSON RANCH
TEX
A
MEXICO
VAL VERDE CO.
DEL RIO
LAUGHLIN AAF
BRACKETTVILLE
EL PASO
SAN ANTONIO
EL PASO
SAN ANTONIO 123.1
ABILENE 107
EL PASO 105
STATUTE MILES
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 12°E TO 11°E
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
BIG SPRING 121

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;hwy2	N177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	See Victoria Co under "New Facilities" - name change			
Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;hwy N	552	13	Trees N.Bush ENE.CTN.
* Austwell Int,5A,CR-HU	2.1 SSW;rd N	23	32 L3	(Tex)
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142.74 (during flgt opers).
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;hwy NW	30	50h L5 S6	80,91,100 oct.
Central Valley (Mercedes)	3 NE;RR 1.5 S	60	31h S6	80,91 oct.(Tex)
Chase (Beeville,Tex.)	5.6 ESE;rd N	186	46h L5	No bcn,bndry,or flood lgts.
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;hwy N	42	45h L6 S2	80,91 oct.
Commercial (Edinburg)	1 W;RR SE	90	13 S1	73 oct.P-line NW.(Tex)
Community (Sinton,Tex)	2 W;RR E	50	24 S4	80 oct. Trees N,E,SE.
CORPUS CHRISTI Range (Clift Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE;bay N	19	50h L5 S6	80,91,100 oct NATS (N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	31 S4	80 oct.P-line ENE,WSW.
CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L5 S6	80,91 oct.No bcn. (Tex.)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	26	P-line NNE,WSW.
(P) Eagle Pass (Tex)	10 N;RR N	887	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR SE	70	21 L S6	80 oct. Lgts prior req.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	CLOSED
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 L S4	80,91 oct.Poles S.SW.
Freer (Tex)	3.8 NNW			ABANDONED Port flood prior req.
Harlingen, com. (Tex)	1.8 SSW	41	18	
Harlingen (Tex)	5 NW;RR SW			ABANDONED
Harlingen, mun. (Tex)	3.5 NE	35	60h L5 S6	80,91 oct.Lgts prior req
Hunt (Portland, Tex)	2 WNW;bay S	35	16 S4	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy 1 S	17	34 S1	80 oct.Emerg only.(Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18. 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)
NEW FACILITIES				
Woods (Donna,Tex.)	0.9 E;RR S	88	25 S6	73,80 oct.Obst sur fld.
(P) Victoria Co (Tex)	5.5 WSW;hwy S	107	56h S6	80,91 oct.
Falfurrias (Tex)	0.7 SE;RR W	109	24 S1	80 oct.P-line NW.;strips
Shary (Mission,Tex)	3.8 SE;rd W	135	37 S1	80 oct.P-line W,NW.Use
→ Pharr (Tex.)	1.8 S;hwy W	110	23 S6	80 oct.P-lines W,NW.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) [International] (Brownsville, Tex)	4.5 E;hwy N	22	57h L6 S6	73-100 oct. ARPT OF ENTRY.100 oct.Army
Kenedy (Tex)	1.4 ESE;hwy N	270	15 S2	80 oct. Ctn.
* Kingsville Int,11,JI-FV	3.5 S;hwy W	58	26 L3	(Tex)
" (North) (Tex)	3.5 ESE	47	61h	CLOSED.
Kingsville (South)(Tex)	3.5 SE	51	61h S4	80, 91 oct.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE			ABANDONED.
La Laja (Dolores,Tex)	1.5 NNE;riv SW			ABANDONED
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
[Laredo] (Tex)	3.5 NE;hwy, RR W	512	66h L5 S6	80,91 oct.Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S6	80 oct.P-line W.
McAllen (Tex)	1.6 SSW;hwy E	115	29 S6	80,91 oct.Obst sur. fld.
Magic Valley (Mission)	1.5 SSW;1k W			ABANDONED
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT.NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Obst sur fld.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25h S4	80 oct.Canal N,E,S.
(P) Moore (Mission, Tex)	12 N;RR E	219	50h S6	80,91 oct.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	wy,RR W
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S4	80 oct.
* Pawnee Int,22,JI-FV (Tex)	5 WNW	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
* Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	See Aransas Co under "New Facilities" - name changed.			
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;riv S	20	51h L5 S6	80,91,100 oct. opers.)
Rooke (Refugio, Tex)	3.2 WSW	46	26 S4	80 oct.P-line NE.
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	80,91 oct.Bust SW.
Shary (Mission, Tex)	1 NW;RR E			ABANDONED
Sinton (Tex)	1.3 E	27	26 S6	80,91 oct.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct.P-line E,NE.
Waldron (Corpus Christi, Tex)	12 SSE;hwy NNE	25	50h	CLOSED.
Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W			ABANDONED
Worsham (Taft,Tex)	0.8 ENE;hwy S	54	20 L S6	80 oct. Port lgts on req.

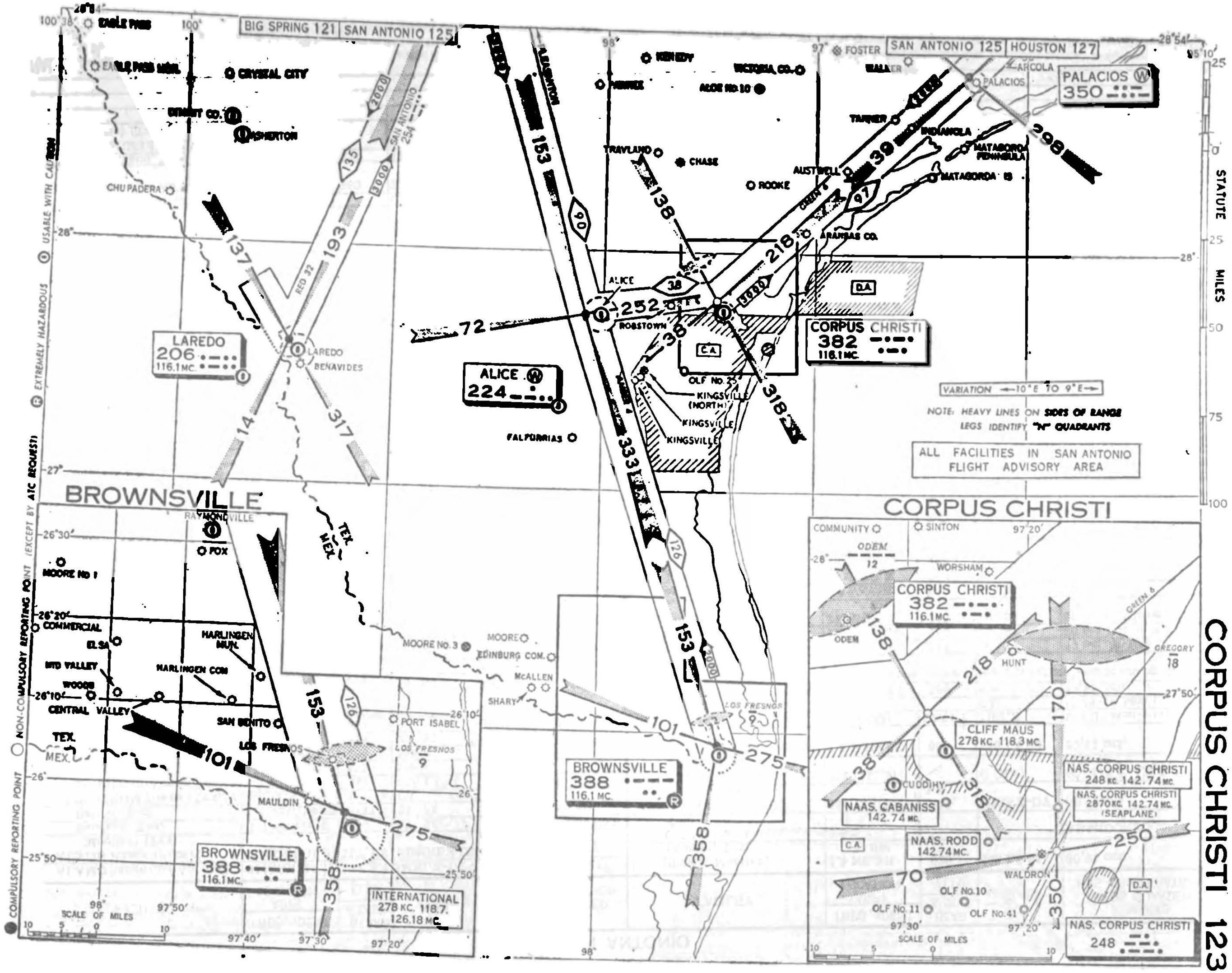
INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ INTERNATIONAL	110.3 •-•-•	335	173°	IM-	MM-•-•-(0.66)	OM- - - (4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES					
(P) Aransas Co (Rockport,Tex)	4.3 N;bay W	22	45h		
Robstown Arpk (Tex.)	1 SW;RR S	83	16h	Rough.Use ctn.	Cattle on fld.
Odem (Texas)	1.5 SSW;RR W	50	25 S1	80 oct.P-line W.PRIVATE.	
Walker (Lolita,Tex.)	1.8 SSW;riv W	14	18 S2	80 oct.P-line N.	
Edinburg (Tex)	2.8 W;hwy N,W	90	24 S6	73,91 oct.P-line W,N.	

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



CORPUS CHRISTI 123

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DIV	(3); 116.1, 122 1
Bandera (Tex)	1.7 SE;rivN:	1250	27 S6	80 ,91 oct.P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	515	65h L5 S6	73,100 oct. JP-1.
[Blackland#1](Waco,Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;riv 1 W	195	53 S6	80,91oct.Port lgts prior req.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW			ABANDONED.
Edna (Tex)	1.5 ENE;RR NW			ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	lgts prior req.
Garner (Uyalde, Tex)	2.7 E;hwy NW	930	17h L S6	80,91 oct. Port rnwy
(P) Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct.P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct.P-lines NE,E,
Hefner (El Campo, Tex)	1.5 WSW	104	41 L S6	80 oct. Port rnwy lgts. P-line NNE,SSW
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.ST
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
(P) Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
(P) Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W			ABANDONED
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities"-name changed			
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct.
St. Edwards (Austin, Tex)	3.5 S			ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3)(6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv 1.4 W	596	63h L5 S1	73,91 oct.
* San Marcos Int, 31B, JI-FV (Tex)	See Thompson under "New Facilities"-name changed.			
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352° 2.8	HW	
* Yoakum Int,7,JR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
ALAMO	109.9	333.8	30°	IM-		MM- •-•-• (0.68)	OM- — — (4.38)
					MMK-		OMK-230 •— — —
				IM-		MM-	OM-
					MMK-		OMK-

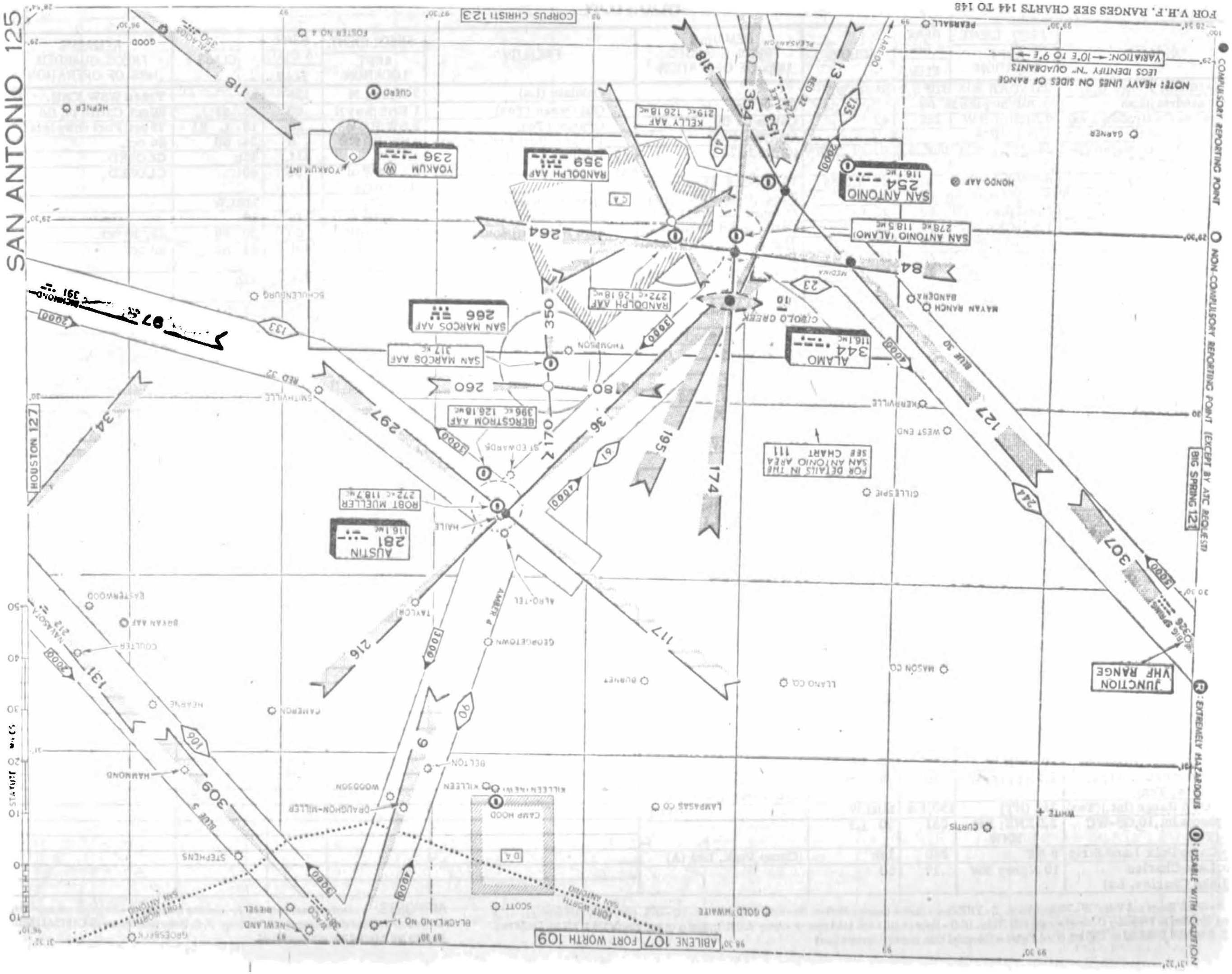
NEW FACILITIES

Edna (Tex,	See Good under "New Facilities"- name changed.			
Killeen-new (Tex)	1.6 SE;RR,hwy N	833	25 S1	80 oct.
Smithville (Tex)	2.5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct.No f-lgts.P-line
Good (Edna,Tex)	2 ESE;hwy S	60	18 S1	80 oct.
Mayan Ranch(Bandera,Tex)	0.7 W;riv N	1230	25 S2	80 oct.Trees NNE,SSE,NW
St Edwards(Austin,Tex)	4 S;RR N	700	23 S4	80 oct
Aero-Tel(Austin,Tex)	7.5 N;plant 1 N	720	22 S6	80 oct Trees SSE,W
Goldthwaite (Tex)	2.6 WSW;hwy NW	1500	35 S2	80 oct.P-line W.
Faust(New Braunfels,Tex)	2.5 NE;RR NW	720	44 S4	80 oct P-line SW,NW
West End(Kerrville,Tex)	1.9 NW;hwy SW	1645	20 S6	80 oct P-line SE,SSE
Gillespie(Fredericksb'g)	3.1 SW;hwy SE	1742	42 S3	80 oct. (Tex)
Thompson Site 51B,JI-FV (San Marcos,Tex.)	2 SE;riv NE	577	29 L3 S6	80,91 oct.Trees NE,ESE, SW.
Pearsall (Tex)	1.9 NNE;RR W	645	23 L S4	80 oct.P-line WNW.Port
Benavides (Laredo,Tex)	4.3 E;RR N	545	25	Brush NW. lgts on req.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

SAN ANTONIO 125



HOUSTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) Alexandria (La)	6 WNW;hwy 0.8 N	88	70h L5 S4	80, 91 oct.
Angelina Co.(Lufkin,Tex)	7.5 SSW;RR W	288	42	Cattle on fld.
Bay City (Tex)	2 SSW;RR N			ABANDONED
BEAUMONT Range (Jefferson Co)(Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4);116.1,122.1
Beaumont (Tex.)	6.8 W;bet RRs	31	34 L3 S6	73,80 oct. Fld lgts prior
Carter Fly. Svc (Velasco,Tex)	0.8 NW;RR NE	10	27 S1	80 oct. P-line NNW req.
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld WNW
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld. Trees N,E.
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	Lgts on req to Ellington
(A) Ellington (Houston,Tex)(A)	15 SE;RR W	39	52h L5 S1	100 oct. Airways or
(A) Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct. Houston Arpt.
Eunice (La)	1.7 W;hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
Galveston (Tex)	3.5 WSW;gulf S	7	60h L5 S6	80,91 oct.
Gulf Coast (Texas City,Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105 (days) N.
(N) Hitchcock NAF (LTA)(N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	(3);116.1,122.1
HOUSTON Tower (Tex)	(278)(126.18,118.5)		AC (ILS)	(4);118.5,126.18,122.5
Houston (Tex)	9 SSE;hwy W	50	47h L6 S6	73,80,91,100 oct. P-line W.
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W. (Tex)
Jackson (Cypress,Tex)	4 SE;hwy S	145	25 S6	80 oct.
(P) Jefferson Co.(Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5 S4	80,91,100 oct. Rnwy ctc lgts on req.
Jennings (La)	1.4 NNW;RR SW	20	32 S4	80,91 oct. P-line E.
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4);116.1,122.1
LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) Lake Charles Mun.(La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.;73,91,100 oct JP-1 for Army.
Lake Charles (La)	5.2 SSW;hwy N			ABANDONED.
Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
(P) Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5 S2	80,91 oct.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg.(Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston,Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria,La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior
NAVASOTA Range (Int.)(Tex)	212 (NT)	180°,1.4	MRLW	req.
** Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No.Camp Polk Land Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy NW	17	50	
Oakdale (La)	3 W;hwy N	123	27	Trees WSW,ENE.
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld.
Orange (Tex)	2.6 W;RR S	20	18 L S1	73 oct. Port rnwy lgts.
Parker (Port Arthur,Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston,Tex)(A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville,Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston,Tex)	10.5 SW;RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So.Camp Polk Landing Strip (Camp Polk,La)(A)	Adj E	300	21h	
Sky Harbor (Anahuac,Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston,Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct. P-line SE
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S4	80 oct. P-line NW,NNW

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
HOUSTON	109.9	333.8	35°	IM-	MM-•—•—(0.66)	OM- ——(4.78)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
CLEVELAND Range (Tex)	109.1 (CL)		VARW	
Brown (Orange,Tex)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. P-line SE.
Darrell (Liberty,Tex)	4.3 ESE;RR,hwy N	30	29 S1	80 oct. P-line N
Lane (Rosenburg,Tex)	2.5 SE	106	25 S2	80,91 oct. NNW.
Texas City (Tex)	1.8 NNW	8	34 S4	80.91 oct. P-line NE.
ELLINGTON Tower (Houston,Tex.)	219		CA	4495;126.18 (8-17)
Leesville (La)	2 E;hwy N	150	12 S1	80 oct.

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII)
→ New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

HOUSTON 127

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N. QUADRANTS

VARIATION: 9°E TO 0°E

CORPUS CHRISTI 123

GALVESTON 263 116 MC

NAF HITCHCOCK (LTAI) 328 S-C

HOUSTON 278 S-C 118.5 126.1 R-C

ELLINGTON AAF 218 C-C

RICHMOND (W) 391

LAKE CHARLES 242 116 MC

BEAUMONT 368 116 MC

HOUSTON 332 116 MC

FOR CLEVELAND VHF RANGE SEE CHART 146

NAVASOTA (W) 212

ALEXANDRIA (C) 251

SAN ANTONIO 125

NEW ORLEANS 129

FORT WORTH 109 SHREVEPORT 113

E: EXTREMELY HAZARDOUS

U: USABLE WITH CAUTION

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

STATUTE MILES

NEW ORLEANS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Alvin Callender (New Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct.
BATON ROUGE Range (La) (Harding)	347 (RX)	119°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N			ABANDONED
* Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int. 26. HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
Ellisville (Miss)	1.3 SW	240	18 S4	80 oct. Trees all appchs.
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	108	45h	CLOSED
False River (New Roads, La)	1.6 WSW;lake S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	fld.
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S4	73,80,91 oct. Obst sur
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S4	80 oct. Trees sur fld.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(P) Gulfport Mun(Miss)	3 NE;bayou N	27	70h S4	80 oct.
Gulfport Mun(Old)(Miss)	1.3 N;RR E	30	24	
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding](Baton Rouge, La)	5.5 N;riv 1 W	70	60h L5 S4	80,91,100 oct.
(P) Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW.
(A) Hattiesburg AAF (Miss) (A)	5 SSE:RR SW, NE	145	43h	Poles W,NW. CLOSED
(N) Houma NAS (LTA)(La)(N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	See Sharpe Airport under "New Facilities" - name changed			
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi,Miss)(A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts.
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227(UG)(116.1)		MHTV	(4);116.1,122.1 on req.
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts
Laurel (Miss)	3 SW;RR SE	231	55h L S6	80,91 oct. Lgts in emerg.
→ McComb (Miss)	1.3 NW	460	21 L3 S6	80, 91 oct. No bcn. Bndry lgts prior req., Obsts sur field.
→ McLaurin (Miss)	1 NNE;RR E			ABANDONED.
Menefee (New Orleans,La)	See Meraux-Neunez Arpk under "New Facilities"-name changed.			

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MOISANT Tower (La)	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
(N) [Moisant International] (New Orleans, La)	11 W;riv 1 S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3);116.1;122.1
NEW ORLEANS Tower (La)	382 (126.18)		CA	(4); 126.18
(NG) New Orleans (La)	6.5 NNE;RR S	8	40h L4 S4	91,100 oct.; 80-100 oct, 1-ech main NG.
NEW ORLEANS NAS Tower	323 (142.74)		CN	(3); 142.74 (8-sunset)
(N) New Orleans NAS (La)(N)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
(P) Opelousas (La)	1.5 NE	35	18	Data unver.
Picayune (Miss)	2.3 NNE;hwy W	92	19 S4	80 oct. P-line W
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia,La)	2.6 N;hwy W			ABANDONED
* Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven,Miss)	1.5 NNE;RR W	500	24 S4	73,80 oct. No sto. P-line
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct. W

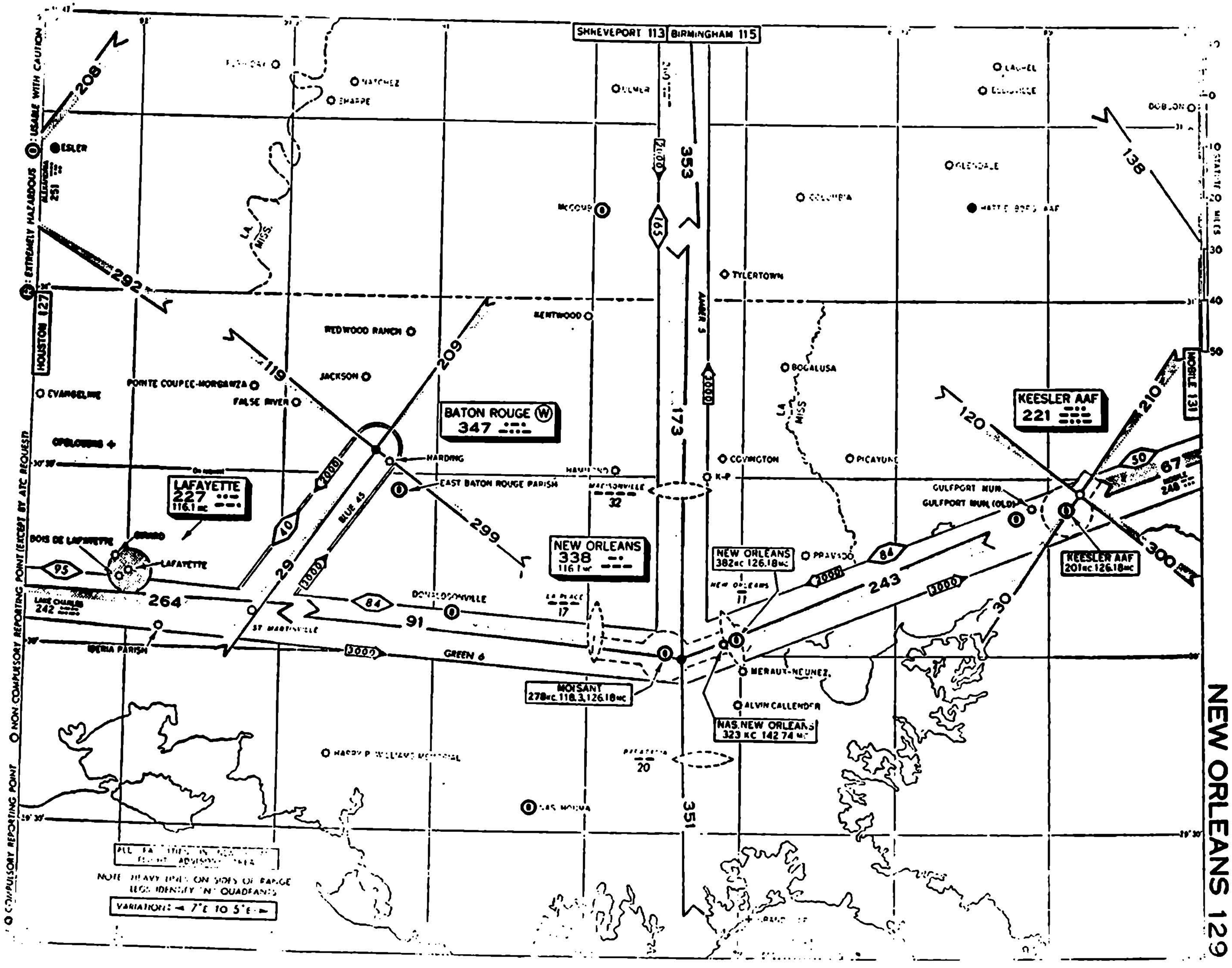
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	99°	IM- ····· (0.05)	MM- -·-· (0.67)	OM- — — (3.92)
→	— ·-·				MMK-	OMK-254 ·— ·-·
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
Pravado(Slidell,La)	1 W;hwy N	9	18 S1	80 oct
Kentwood (La)	0.4 N	100	15 S2	80 oct
Dobson(Bucatunna,Miss)	1 N;hwy W	185	22 S2	80 oct. Trees ENE,SSE,
Sharpe (Natchez,Miss)	1.8 ESE;RR S	27	26 S4	80 oct. N,W blkd NNW
Meraux-Neunez Arpk (New Orleans,La.)	5.2 E;riv S	1	25 S6	80 oct. P-lines S.
Bois de Lafayette (Lafayette, La)	2 SSW;bayou N	39	20	
Point-Coupee-Morganza (Morganza, La)	0.1 S;RR S	35	21	
Redwood Ranch (Wilson, La)	2 SSE;RR .5 E	256	21 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



NEW ORLEANS 129

MOBILE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED.
Andalusia (Ala)	1.7 S;hwy W	340	18 S6	80 oct,P-line NW.
(P) Apalachicola (Fla)	2 W;RR N	19	53h	
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Pascomb (Fla) (A)	3,5 NE	120	50h	CLOSED.
[Bates] (Mobile, Ala)	10 W;rd N,S	218	50h L5 S6	80,91 oct.No flood lgts; ctc lgts on req.
(P) Brewton (Ala)	3.5 S;riv N	92	40h	Cattle on fld.
Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED.
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126.18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. JP-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	FOREIGN CLEARING STN.
Carabelle FlgtStrip (Fla)	2.6 W;hwy S	20	40h	
Chastain's (Prichard, Ala)	2.5 NW;hwy E	50	19 S6	NNW 80 oct.SSE blkd,Trees SW
Chipley (Fla)	3.2 SE;RR N	100	26 S6	80 oct.S blkd.Trees N.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct.Data unver.(Fla.
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4);116.1,122.1
→ Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	33 L3 S6	80 oct.
Davis (Mobile, Ala)	13.5 SW;bcn N.	180	17 S6	80 oct.
De Funiak Springs (Fla)	1 W;hwy N	197	25 S6	80 oct.Obst sur fld.
→ Donalsonville (Ga)	1.5 S	150	40h	
DOTHAN Range (Ala)	233(NT)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct.No sto.No flood lgts.
EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	MRLPZ	Range cont.; (3); 126.18 (6-24)
EGLIN Tower (Fla)	278 (126.18)+		CA	(3); 126.18 (6-24)
(A) Eglin (Valpariso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct.JP-1. No sto
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	CLOSED
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
Enterprise (Ala)	0.5 N;hwy W	355	23 S6	80 oct,Trees WSW.
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	34	All appchs partly blkd.
→ Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct. RR S.
Gulf Airpark (Pensacola,Fla)	See Airpark (Pensacola, Fla.) under "New Facilities"-name changed.			
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE	16	45h S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, → Ala) (N)	3.3 ENE;hwy S	90	20	Trees NE,S,W
Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct.P.line W,E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
→ (P) [Marianna](Fla)	6 NE;hwy E	112	50h L5 S6	80,91 oct.
(P) Middleton (Evergreen,Ala)	6 WSW;hwys .3 E	258	40h L1	
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S6	80 oct.E,S,W blkd.
MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°,3.2	SBRAZ-DTV	(3);116.1,122.1
(P) Napier (Dothan, Ala)	7.5 NW;RR S	397	45h	
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT,NO FACS.
Panama City (Fla)	5 NW ;bay W	4	19 S4	80,91 oct.

FACILITY	FREQ.. IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
PENSACOLA Range (Fla)	326(KH)(116.1)	340°,2.1	SBRAZ-DTV	(4); 116.1,122.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
Pensacola Arpk (Fla)	4 NW;hwy E	90	34 S1	80 oct.Allway fld.
PENSACOLA NAS-CHEVALIER Tower (Fla)	382 (142.74)		CN	(4); 142.74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142.74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct.Flood,obst lgts.(N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct.Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED.
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	0.9 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142,74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct.No sto.P-line S.
Southern Airmotive (Dothan)	2 SE;hwy SW			ABANDONED.
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W	129	29h	CLOSED
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld.INACTIVE.(N)
(N) Wolf OLF (Elberta,Ala). (N)	5.8 SE	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES tower(Ala)	317(118.9)	C		(4);118.9,122.5 prior req.
Flomaton (Ala)	2 NNE;RR 1 E	240	16 L S4	80 oct.P-line W.Strip lgts
Hutchinson's Avia Port	9 5 WNW	10	19 S4	80,91 oct.P-line S(Panama
→ Sandpiper(Port St Joe,Fla)	1 E	20	22 S6	80 oct City,Fla.)
Headland (Ala)	2 ENE;hwy NW	350	48 S1	80 oct.
Oak (Foley,Ala.)	6 S;riv W	35	20 S6	80 oct.Trees E.
McKee (Jackson,Ala)	1.1 N;hwy E	60	17 S2	80 oct.S blocked.
Robertsdale (Ala)	1.3 E;RR W	142	19 S4	80 oct.P-line E.
Airpark (Pensacola,Fla.)	4.5 WNW;hwy SW	70	20 S1	80 oct.
Edwards (Pensacola, Fla.)	3 W;RR W	70	30 S6	80 oct.
Oak (Foley, Ala.)	6.0 S;riv N.	35	20 S6	80 oct.Trees E.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

BIRMINGHAM 115 | ATLANTA 117

MOBILE 248 111 1,116 1 mc

NAS. WHITING (W) 524

NAS. WHITING (NO) 269 rc. 142.74 mc.

CRESTVIEW 350 116 1 mc

DOTHAN 233 116 1 mc.

EGLIN AAF 209

EGLIN AAF 278 rc. 126.18 mc

BROOKLEY AAF 281 rc 126.18 mc.

BATES 317 KC. 118 9 MC

NAAS. SAUFLEY 275 rc. 142.74 mc.

PENSACOLA 326 116.1 mc.

NAS. PENSACOLA - CORRY 341 rc. 142.74 mc.

NAS. PENSACOLA - CHEVALIER 382 rc. 142.74 mc.

SEAPLANE 2870 rc. 142.74 mc.

TYNDALL AAF 272 rc. 126.18 mc.

TYNDALL AAF 203

OLF'S TO NAAS BARIN	
+ 10	CANAL
+ 11	MAGNOLIA
+ 12	SILVERHILL
OLF'S TO NAAS BRONSON	
+ 13	KAISER
+ 14	WOLF
+ 15	FAIRCLOTH
OLF'S TO NAAS ELLYSON	
+ 16	BAGDAD
+ 17	SPENCER
OLF'S TO NAS WHITING	
+ 18	HOLLEY
+ 19	SANTA ROSA
+ 20	CHOCTAW

VARIATION: 5°E TO 3°E

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY A/C REQUEST) Ⓔ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

MOBILE 131

JACKSONVILLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field No. 1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4);116.1,122.1 (DTV stn letd at Albany Arpt)
[Albany] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242 (AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
➤ Alma, Sta (J), MM-AG (Ga)	2.5 W;hwy N	200	43 L3 S1	80 oct,P-line NW.
➤ Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S2	80 oct.
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED.
➤ Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80 oct.
Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS.
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	CLOSED
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct.Trees W.Poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts. (N)
BRUNSWICK H Fac. (Ga)	230(BS)(116.1)		MHTV	(4);116.1,122.1
Brunswick Arpk (Ga)	2.5 NNE;RR W	14	26 S2	80,91 oct Trees NE.
Bunnell (Fla)	3.3 E	34	50h	
Camilla (Ga)	1.4 NW			ABANDONED
CECIL NAAS Tower (Fla)	201 (142.74)		CN	3105;142.74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)	16 WSW;hwy NW	80	50h L5 S4	100 oct. Trees sur fld. (N
➤ Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR N	140	22 S6	80 oct.
Commodore Decatur	2 WNW;hwy N	103	40h S1	80 oct. (Bainbridge,Ga.)
Conway Arpk (Starke,Fla.)	1 W;RR E	165	20 S1	80 oct.Obst sur fld.
Cook County (Adel, Ga)	1.3 W;hwy N,S	220	40h S6	80, 91 oct, SW blkd.
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct.
CROSS CITY(AAF)Range (Fla.)	269(FC)(116.1)	315°,2.7	SBMRAZ-DTV	(4);116.1,122.1
(A) Cross City AAF (Fla) (A)	1 SE; RR SW	42	50h L4	CLOSED.
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4); 126.18,118.3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W; RR S	70	53h L5 S6	80, 91 oct.
Darien (Ga)	0.8 SE;riv S	30	14 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach](Fla.)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct. Ctc & rnwy lgts on req.
Faceville (Ga)	3.5 S			ABANDONED.
(P) Fernandina (Fla)	4 S;ocean E	15	52h S6	80 oct.
➤ Fitzgerald (Ga)	2 SSW;RR W,E	365	21 S4	80 oct.Trees SSW.
(N) Flemings Island OLF (N)	17.5 SSW	23	40h L	B-2 lgts.(Jacksonv'l,Fla)
Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3	P-line NE,SW,NW
GLYNCO NAF Range (Ga)	520 (NEA)	239°,0.3	MRLZ	3105,6390(V- 0730-16)
GLYNCO NAF Tower (Ga)	317 (142,74)		CN	3105,4495;142.74(0730-16)
(N) Glynco NAF (LTA)(Ga)(N)	6.4 N Brunswick	25	38h L1 S4	91,100 oct. Hwy SE.
(A) Harris Neck AAF (Ga)(A)	7 E S.Newport	22	54h	CLOSED.
Hart (Jacksonville, Fla)	6.5 W;RR S	20	40 S6	80,91 oct.Trees sur fld.
➤ Herlong (Jacksonville, Fla)	See Jacksonville Mun #3 under "New Facilities" - name changed.			
Homerville Flight Strip (Ga)	1.7 NW;hwy NE	185	40h	
JACKSONVILLE Range (#1)(Fla)	344 (JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116.1, 122.1
JACKSONVILLE #1 Tower (Fla) (P)[Jacksonville#1](Fla.)	278(126.18,118.5) 6.3 N;RR W	52	AC (ILS) 71h L6 S6	(4);122.5,126.18,118.5 80,91 oct. Hangar W.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°,3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18, 142.74
JACKSONVILLE NAS (Seaplane Tower) (Fla)	2870		CN	2870,3105 (avail.during working hrs. and on 1 hr's advance notice).
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91, 100 oct. NATS.
Jasper, 43, NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3 S1	80 oct.Poles W.
Jesup (Ga)	2.3 NE;RR E	100	26	50'trees ends all strips
(P) Kay Larkin (Palatka, Fla)	3 NW;RR S	56	50h L5 S1	80,91 oct.
(A) Keystone (Keystone Heights, Fla) (A)	4.5 NNW;RR W	192	50h	CLOSED.
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	CLOSED
➤ Lake City (Fla)	3.7 ESE;RR S	201	67h S6	80 oct. Eng. reprs.only
Lake Jackson (Tallahassee,Fla)	9 NNW;riv NW	250	26 S4	80 oct. Obst sur fld.
(A) Lake Park #2 (GA)(A)	1 SSW;hwy N	220	48	TMP INACT.NO FACS.
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Springs, Fla) (N)	2.2 SE;riv N	22	51h	
Live Oak (Fla)	1 W;RR W			ABANDONED
MAYPORT CGAS (Fla)				DECOMMISSIONED.
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	16	43h	INACTIVE.
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	CLOSED
(A) Montbrook AAF (Williston,Fla)	3.2 SSW;hwy E	70	70h	CLOSED. (A)
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta,Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS.
(A) Moultrie (Ga) (A)	7 S;RR,hwy W.	287	40h	CLOSED.
Nashville (Ga)	1.3 ENE;RR S	236	31 S4	80 oct.NE,SW blkd.
Northside (Moultrie, Ga)	3.2 NNW;RR W	300	30 S4	80 oct. No sto.
Perry (Fla)	3.2 S;RR E	45	50h S4	80, 91 oct.
Pierson Memorial (Fla)	0.5 N;hwy ,RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE,WSW blkd.
(A) Rocky Ford #1 (Valdosta,Ga)	16 SW;hwy N	220	47h	CLOSED. (A)
St. Augustine (Fla)	4 NNW;hwy W	10	42h S6	80, 91 oct.
St. Marys (Ga)	1.7 NNW;riv S	24	50h	Cattle on fld.
ST. SIMONS ISLAND NAS Tower (Ga)				DECOMMISSIONED
(N) St.Simons Island NAS (Ga)(N)	See Malcolm-McKinnon under "New Facilities" - name changed.			
Sky Haven(Albany,Ga)	1.5 SSW;hwy E	200	26 S4	80 oct.P-line WNW.
Sawyer (Palatka, Fla)	2.6 SW;riv 2 S	60	25 S4	80 oct.
(P) South Georgia College (Douglas, Ga)	1.3 S;RR W	255	60 S6	Pwrline E.
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80, 91 oct.
Stengel (Gainesville, Fla)	4 WSW;RR SE	70	47 S6	80, 91 oct.
(N) Switzerland OLF (Fla) (N)	1.5 SE	31	40h	CLOSED
TALLAHASSEE Rng(Dale Mabry)	335 (TJ)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116.1, 122.1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct.No flood lgts.
Tennile (Fla.)	2.2 SSW;rd E	35	20	Trees SW
➤ Terrell Co. (Dawson,Ga.)	2 SE;hwy N	353	21	S blkd.INACTIVE
(P) Thomasville (Ga)	8.5 ENE;hwy S	264	50h S1	91 oct.
➤ Thomasville com. (Ga)	1 SW;RR N	250	42 S2	80 oct. P-lines NW
Three "B" (Fitzgerald,Ga)	1.5 N	515	27 S6	80,91 oct.
Tifton Mun. (Ga)	2.3 SE;hwy W	343	50h L5 S6	80,91 oct. Lgts prior req
Tomoka (Daytona Beach,Fla)	See Ormond under "New Facilities" - name changed.			
(A) Turner (Albany, Ga) (A)	4 ENE;riv N	215	76h	TMP INACT.NO FACS.
Vada (Ga)	1.5 WNW;hwy E	140	40h	CLOSED.
➤ [Valdosta] (Ga)	3.7 S;RR W	226	56h L5 S1	80 oct.Lgts prior req.No flood lgts.
(A) Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonville, Fla) (N)	13 W; RR S	102	40h L	B-2 lgts.
Williams (Jacksonville, Fla)	3.3 WNW;RR E	25	18 S6	80 oct.No sto.P-line E.
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct. No sto.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

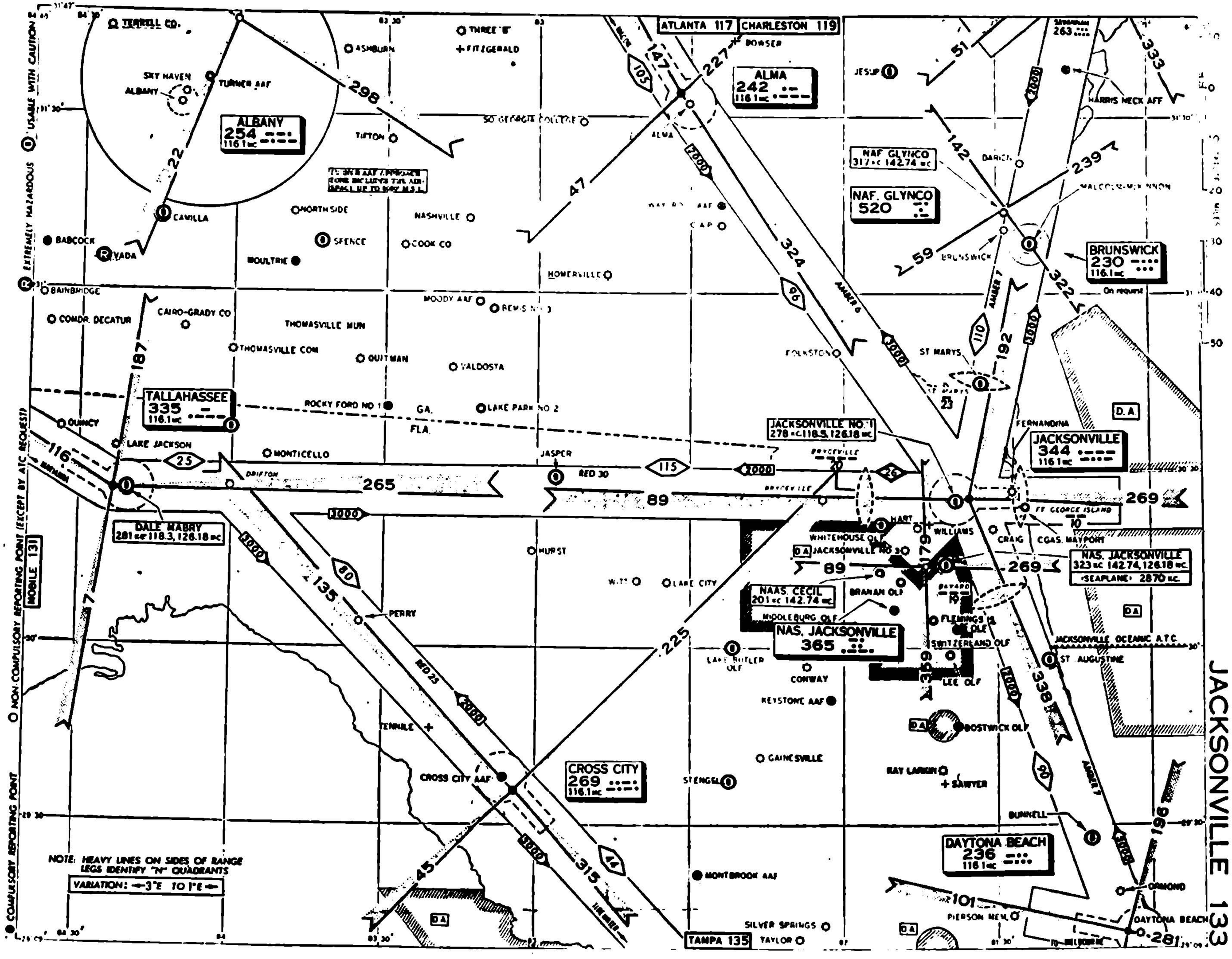
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
JACKSONVILLE #1	110.3 ·=·=·	335	44°	IM-	MM- ·—·—(0.66)	OM- ——(4.60)
					MMK-209 ·—·——	OMK-251 ——·—·
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW. W.
➤ Jacksonville Mun #3 (Fla)	9 SW;hwy adj	87	40h S2	80,91,100 oct. on req.
➤ Quitman Flgt Strip (Ga)	2.4 NW;pond 0.5 E	180	18	
[Gainesville Mun] (Fla)	4.5 NE;RR W	155	50h L5 S4	80,91 oct.Lgts prior req.
Silver Spgs Aero Lodge(Fla)	0.3 W;RR 1 WSW	75	26 S1	80oct P-lines SE,S Lgt planes only.
Hurst(Live Oak,Fla)	2.5 SW;rd NW	105	26 S6	80 oct P-line N,NW
➤ [Malcolm-McKinnon] (Brunswick,Ga)	6 E	19	41h L5 S6	80,91 oct.Lgts on req. No bndry or flood lgts.
Ormond (Fla.)	3.5 WNW;RR N	29	40h S4	80 oct. Ctn,stock on fld.
Camilla(Ga.)	2.2 WSW;hwy N	180	39 S4	80,91 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
➤ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


TERRELL CO.
SKY HAVEN ALBANY
TURNER AAF
ALBANY 254 116.1
ASHBURN
THREE "B"
FITZGERALD
SO GEORGIA COLLEGE
TIFTON
ATLANTA 117 CHARLESTON 119
BOWSER
ALMA 242 116.1
JESUP
HARRIS NECK AFF
NAF GLYNCO 317 142.74
NAF GLYNCO 520
DARIEN
MALCOLM-MACKINNON
BRUNSWICK 230 116.1
On request
CAVILLA
BABCOCK
RIVADA
MOULTRIE
NORTHSIDE
NASHVILLE
SPENCE
COOK CO
CAP
HOMERVILLE
BAINBRIDGE
COMDR. DECATUR
CAIRO-GRADY CO
THOMASVILLE MUN
MOODY AAF
REMIS NO 3
THOMASVILLE COM
QUITMAN
VALDOSTA
FOLKSTON
ST MARYS
TALLAHASSEE 335 116.1
ROCKY FORD NO 1
GA.
FLA.
LAKE PARK NO 2
QUINCY
LAKE JACKSON
MONTICELLO
JASPER
RED 30
DRIFTON
JACKSONVILLE NO 1 278 118.5, 126.18
FERNANDINA
JACKSONVILLE 344 116.1
D.A
FT GEORGE ISLAND
DALE MABRY 281 118.3, 126.18
HURST
WHITEHOUSE OLF
HART
WILLIAMS
CRAIG
CGAS MAYPORT
JACKSONVILLE NO 3
NAS. JACKSONVILLE 323 142.74, 126.18
SEAPLANE 2870
W.TT
LAKE CITY
NAAS CECIL 201 142.74
BRANAN OLF
MIDDLEBURG OLF
FLEMINGS LANDING OLF
NAS. JACKSONVILLE 365
SWITZERLAND OLF
JACKSONVILLE OCEANIC ARTC
ST AUGUSTINE
LAKE BUTLER OLF
CONWAY
LEE OLF
KEYSTONE AAF
BOSTWICK OLF
PERRY
TENNILE
CROSS CITY AAF
CROSS CITY 269 116.1
GAINESVILLE
STENGEL
RAY LARKIN
SAWYER
BUNNELL
DAYTONA BEACH 236 116.1
MONTBROOK AAF
ORMOND
PIERSON MEML
SILVER SPRINGS
TAMPA 135
TAYLOR
DAYTONA BEACH
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
MOBILE 131
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: —3°E TO 1°E—
JACKSONVILLE 133

TAMPA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E;bay E	6	33h L3 S6	80,91 oct. Coast Gd.Stn adj Poles SW.
Altoona (Fla)	0.6 NW;RR E	155	25	Trees ends strips
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld
Avon Park (Fla)	1.5 W;RR E	156	40h S4	80,91 oct, P-line S;trees sur
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT NO FACS. fld.
BANANA RIVER Navy Range (Fla)	524 (NPB)	106°,4.6	MRLZ	(3)
BANANA RIVER NAS Tower (Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct No bcn Lgts on req.
Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
Bartow (Fla)	5.5 NE;RR NW	124	50h S4	80,91 oct.
Bradenton (Fla)	0.5 S;RR E.	20	24 S6	80 oct. Obst sur fld.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.5 E;lk SW	34	50h	
Cannon Mills (Orlando, Fla)	3.8 E;arpt W	105	41 L S6	80 oct. Flood,obst lgts on req.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N			ABANDONED Obst sur fld.
Cedar Keys (Fla)	1 W;bay S	6	25h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80,91 oct. Trees W,NE,SW,
Cocoa (Fla)	1 NW;RR E	20	25 L1 S1	80 oct.Obst sur fld. NW
Conners (Okeechobee, Fla)	2.5 NW;RR S	34	50h S1	80 oct.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach],(Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy N	80	50h L5 S6	80,91 oct.Trees NE.
Dorr (Arcadia, Fla)	11.5 E;hwy N			ABANDONED
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5 No bndry lgts.
(P) [Drew] (Tampa, Fla)	5 W;bay 1.5 SW	26	70h L5 S4	80,91,100 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	24 S6	80,91 oct.P-line NE.
Fette Aircraft Service (Fla)	See Venice Mun (Fla.) under "New Facilities"-name changed.			
Fort Pierce, com. (Fla)	3.3 SSE;RR E	19	25 L3 S6	80 oct. P-line W N,W,NW
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	blkd.
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NW	81	23 S2	80 oct. Obst sur fld.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,	135	40h S6	80, 91 oct
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	See Sebring Air Terminal under "New Facilities"- name changed.			
Hidden Acres (Clarcona, Fla)	1.5 WNW;lake W	93	27 S5	80 oct E blkd.
(A) Hillsborough AAF (Tampa, Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW;hwy E	90	20 S4	80 oct. s E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80,91 oct.No bndry,flood.
Lakeland AAF (Fla)	See Drane under "New Facilities"- name changed,.			
[Lakeland Mun. #1] (Fla)	2.8 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed.			
MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18- ➧00,20
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct JP-1 No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	Foreign Clear, Stn.
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1 SW.
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct, Lgts on req.Trees
(A) Montbrook AAF (Williston, Fla) (A)	3.2 SSW;hwy E	70	70h	CLOSED.
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct.
ORLANDO Range (Fla)	206(OR)(vhf)	220°,3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) [Orlando AAB] (Arpt)(Fla)	2.5 E;lake S	115	55h L5 S6	80,91 oct;100 oct mil acft.
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
➧ Peter O.Knight (Tampa, Fla)	3.7 S;bay S	8	40h L5 S6	80,91 oct.Ctc lgts prior req.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Penellas Co. International] (St. Ptersburg, Fla.)	9.5 N;bay E	12	50h L5 S6	80,91,100 oct
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;bay W			ABANDONED
Plant City (Fla)	3 E;hwy N			ABANDONED
(P) Punta Gorda (Fla)	5 ESE;hwy SW	25	50h	
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian, Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;hwy E	104	25 S4	80 oct. Obst sur fld.
Sanford (Fla)	2.5 SE;hwy N	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct. Lgts on req.
Sarasota, com. (Fla)	2.5 E;RR N,E	25	35 S6	80 oct. Obst sur fld.
➧ Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.P-line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80,91 oct.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct. No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa (Titusville)	6 S;RR E	35	50h L5 S6	80 oct. Lgts prior req.(Fla)
Titusville Int,20,MM-AG (Fla)	1.3 NW;RR E			ABANDONED.
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities"- name changed.			
(N) Valkaria OLF (Melbourne, Fla) (N)	8 SSE;RR E	26	40h	
Venice Aux (Fla.)	0.5 SE;hwy W	20	36 S4	80 oct. Trees ENE,SE.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4);116.1,122.1
[Vero Beach] (Fla)	1 NW;RR E	24	75h L1 S1	91 oct,Airlines only exc in
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W			ABANDONED.
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h L5 S1	80 oct.
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h L5 S6	80 oct.No bndry lgts.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

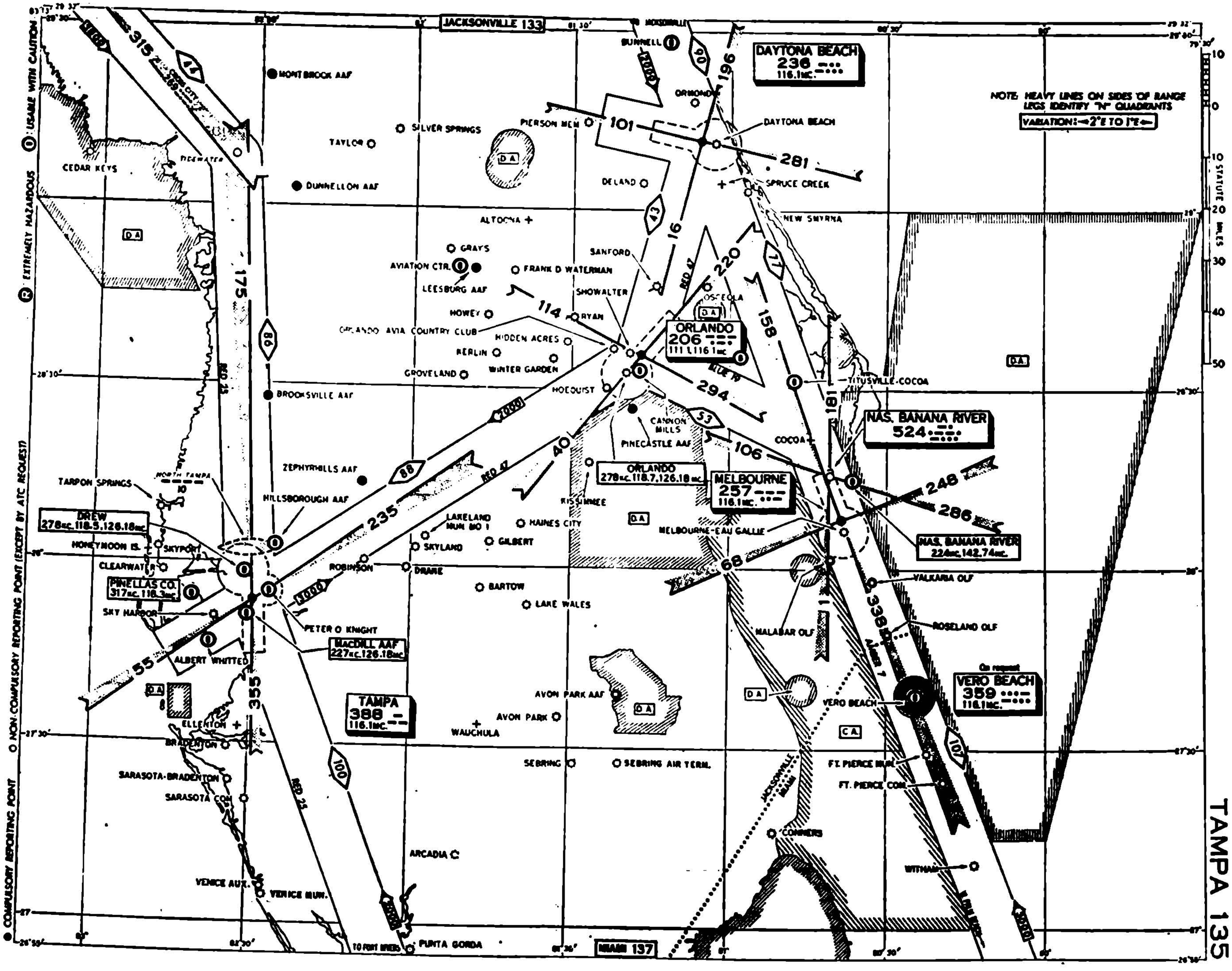
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- ·····(1.09)	OM- – –(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ormond (Fla)	3.5 WNW;RR N	29	40h S4	80 oct.Ctn,stock on fld.
Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	8	28 S6	80 oct.
Groveland (Fla)	1.8 SSE;lk NE	100	20 S3	80 oct
Winter Garden (Fla)	1.5 NW;lk NW	75	25 S2	80 oct.
Tarpon Springs (Fla)	2 W;Gulf of Mex. W	12	19 S1	80 oct Trees N,E,S
Spruce Creek (Samsula, Fla)	3.5 N	25	40h	
Howey (Howey in the Hills, Fla)	0.5 S	75	20	
Aviation Ctr (Leesburg, Fla)	1.5 N;lk E	80	15h S6	80 oct
(P) Sebring Air Terminal (Fla)	6.5 ESE;RR 2 SW	62	52h L5 S6	80,91 oct.Lgts on req.
➧ Drane (Lakeland, Fla)	5.5 SW;hwy 3 N	135	50h L5	No flood lgts. No bcn
(P) Venice Mun (Fla.)	1.9 SSE	19	50h L5 S6	80 oct. Rnwy lgts on req.No bcn or flood.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. ✣-Army A.C.S. transmits on and guards 116.1, 137.86, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) ➧ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


JACKSONVILLE 133
DAYTONA BEACH
236
116.1mc.
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 2°E TO 1°E
ORLANDO
206
111 L116 1mc
NAS. BANANA RIVER
524
DREW
278mc.118.5,126.18mc
PINELLAS CO.
317mc.116.3mc
MacDILL AAF
227mc.126.18mc
TAMPA
388
116.1mc.
ORLANDO
278mc.118.7,126.18mc
MELBOURNE
257
116.1mc.
NAS. BANANA RIVER
224mc.142.74mc.
On request
VERO BEACH
359
116.1mc.
MIAMI 137
TAMPA 135
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belvedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	24 S6	80 oct. Trees S,W.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	14	64h L5 S6	100 oct.
Brown (Miami, Fla)	10 NNE;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct. P-line N,NE, SW.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
Ft. Lauderdale (Fla)	6 NNW;RR SE	14	40h	
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4);116.1,122.1
Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) **Tower** (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct. No sto.
Lake Worth (Fla)	2 W;RR E	12	26 S6	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities"-name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	CLOSED.
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami, Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West, Fla)	2.3 E;ocean S	4	41h L5 S1	80,91 oct. ARPT ENTRY Lgts prior req. No bcn
MIAMI Range, (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5 NW;RR W	9	74h L5 S6	80,91,100 oct. FEE. 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. Trees N,S.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) [Morrison](West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5 S5	73-100 oct.
Naples (Fla)	2 NE;RRs E, W	8	50h	CLOSED.
(N) North Perry OLF (Hollywood, Fla)(N)	6.3 W	9	32h	CLOSED.
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers, Fla)	4 S;RR E, hwy W	18	50h L5 S6	80,91 oct. Ground traffic.
Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	CLOSED. (N)
(P) Riddle (Clewiston, Fla)	7.6 W;hwy N	19	25h	Use rnwys only.
(P) South Dade County (Homestead, Fla)	See Homestead Arpt under "New Facilities" - name changed.			
Sunny South (Miami, Fla)	6 N;hwy E	12	40 S6	80,91 oct. E blocked.
Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct. No sto. P-line N,W.
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- ——(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ft. Lauderdale-Davie (Fla.)	6.5 WSW;hwy N	7	30h S4	80,91 oct.
West Prospect (Ft. Lauderdale, Fla.)	See Ft. Lauderdale above - name changed.			
(P) Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc. (Fla.)	1 SW;RR W	12	28 S6	80,91 oct. Trees SE,NW
South Fla. (Ft. Lauderdale)	7.5 SW;hwy E	10	45 S6	80,91 oct. P-line E. (Fla)
Tropicaire (Miami, Fla)	9 N	10	22 S6	80,91 oct. P-line N,E,S;N,
Belvedere Co. Club (W. Palm Beach, Fla)	2 WSW;Army fld S	17	25 S6	80 oct. Trees SE, E blkd. NW. Lgt acft only.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
→ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

TAMPA 135

PUNTA GORDA MUN.

FORT MYERS
341
116.1

BUCKINGHAM AAF

RIDDLE

WEST PALM BEACH
209
116.1

MORRISON AAF
278 118.9 126.18

BOCA RATON AAF
396 126.18

FORT LAUDERDALE NAS

MASTER NAS
382 142.74

MIAMI NAS

MIAMI INTERNATIONAL-AAF
278 118.5 126.18

MIAMI
365
111.1 116.1

BROWN

CHAPMAN

HOMESTEAD MUN

HOMESTEAD

HOMESTEAD
266

NAPLES

MARATHON

KEY WEST
332
116.1

KEY WEST NAS
396 142.74

BOCA GRANDE KEY

STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 7000 FT. ALTITUDE.

SADDLEBUNCH KEY

STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 7000 FT. ALTITUDE.

MEACHAM

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 2°E TO 1°E

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

MIAMI OCEANIC A.T.C. AREA

STATUTE MILES

MIAMI 137

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - . - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°,7.3	(Cont.) Burbank
GRAND CENTRAL (Glendale)	201(118.7)	CI	(4);118.7,122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV ;244°,3.9	(3); 116.1,122.1
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(vhf)	SBMRL-DTV;317°,0.1	(4);116.1 122.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req
SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (8-18)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)		DECOMMISSIONED
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530, except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9	333.8	247°	IM-	MM- •—•— (0.64)	OM- —— (6.04)	
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

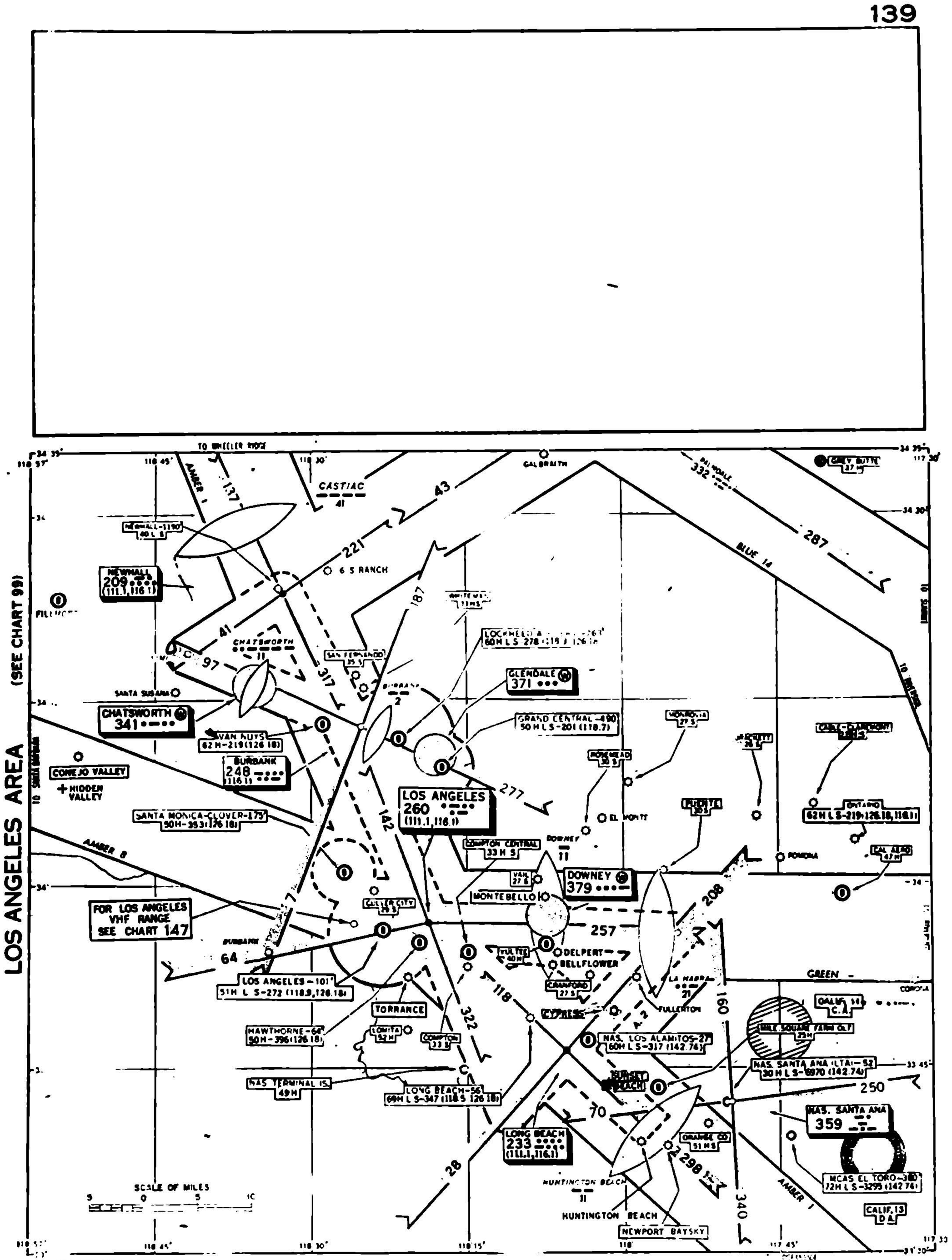
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys N,E	1010	25 S6	80 oct. Hill W
Cable-Claremont	1.8 ENE;RR E	1400	22h S6	80,91 oct. Brush NNE.
Cal Aero (Chino)	4.5 SE	625	47h L	Restricted to W.A.A. Bndry lgts prior
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N. req.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE. unver.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	20 S6	73,80,91 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana) (N)	6 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
→ Fullerton	3 W;RR NE	95	18 L S6	80 oct. Obst & port range lgts prior req.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Garden Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville) (A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG) LOCKHEED AIR TERM. (Burbank) (N)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct. NATS
(P) [Los Angeles] (N)	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct. Rdo rqrd.. Rnwy data unver.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	26 S6	80,91 oct. Tree N,S.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	90 oct. for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
→ Norco	2.5SSW;riv1.5 NW	590	14 S6	80,91 oct. Trees W,SW.
(P) Ontario International	1.5 E;RR SW	952	62h R1 L5 S6	80,91,100 oct. Trees SW.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	48h L5 S6	80,91 oct. Fldlgts on req.
(N) Palisades OLF (N) (NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;rd W	775	20 S6	80 oct. Trees E, hill W.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. Poles NE, house SW.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA) (N)	3.6 SE;RR NE	52	30h R2 LA S4	91,100 oct. No sto.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	18 S1	80 oct. Hills ENE, P-lines WSW.
Sky Ranch (Puente)	See Puente Sky Ranch under "New Airports" -name changed.			
(N) Terminal Isl. NAS (San Pedro) (N)	2 ENE	14	49h	INACTIVE
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(A) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW,NE,SW.
NEW FACILITIES				
Sunset Beach (Calif)	2.6 E;ocean SW	25	19 S4	80 oct. Fence ENE.
6 S Ranch Arpk (Solemint, Calif)	1 WNW;hwy N	1350	26 S6	80,91 oct. P-line E,W.
Fillmore (Calif)	1 S;riv N	435	16	Tree W.
Cypress (Westminster, Calif)	4.6 NNW;RR SW	60	22 S1	80 oct. Pwr line NE.
Puente Sky Ranch (Calif)	1.3 E;RR S	402	30 S4	80 oct. Trees E, p-line W.
Hidden Valley (Camarillo, Calif)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver


LOS ANGELES AREA
(SEE CHART 99)
FOR LOS ANGELES VHF RANGE SEE CHART 147
NEWHALL 209 (111.1,116.1)
CHATSWORTH 341
SAN FERNANDO
BURBANK 248 (116.1)
GLENDALE 371
LOS ANGELES 260 (111.1,116.1)
DOWNEY 379
LONG BEACH 233 (111.1,116.1)
CASTIAC
6 S RANCH
CHATSWORTH
SANTA SUSANA
VAN NUYS 62H-219(126.18)
CONEJO VALLEY
HIDDEN VALLEY
SANTA MONICA-CLOVER-175 50H-393(126.18)
LOCKHEED A 60H L S-278 (119.3 126.18)
GRAND CENTRAL-490 50H L S-201 (118.7)
EL MONTE
COMPTON CENTRAL 33H S
MONTEBELLO
DELPERT
BELLFLOWER
LOS ANGELES-101 51H L S-272 (118.9,126.18)
TORRANCE
HAWTHORNE-68 50H-396(126.18)
NAS TERMINAL IS. 49H
LONG BEACH-56 69H L S-347 (118.5 126.18)
NAS. LOS ALAMITOS-27 60H L S-317 (142.76)
FULLERTON
NAS. SANTA ANA (LTA)-52 30H L S-8970 (142.76)
NAS. SANTA ANA 359
NCAS EL TORO-380 72H L S-3295 (142.76)
ONTARIO 62H L S-219(126.18,116.1)
HUNTINGTON BEACH
NEWPORT BAYSKY
CALIF. 13 D.A.
CALIF. 91 C.A.
ORANGE CO 51H S
AMBER 1
AMBER 8
BLUE 14
GREEN
137
43
221
287
187
41
97
317
277
142
208
257
118
322
160
340
298
250
70
28
64
SCALE OF MILES
5 0 5 10
● DESIGNATED RADIO FIX
C NON-COMPULSORY REPORTING POINT
NOTE
HEAVY LINES ON SIDES OF BOUNDARY LEGS IDENTIFY 8 QUADRANTS.
R: EXTREMELY HAZARDOUS
O: USABLE WITH CAUTION

DETROIT – CLEVELAND – NORFOLK

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ann Arbor (Mich)	4 S	835	32 L3 S6	80 oct. Lgts prior req. P-line N, SE, SW, N.V.
→ Bedford (Ohio)	2 NE; hwy W	1060	17 S4	80 oct. P-line W
Berz (Birmingham, Mich)	1.5 E; RR SW	700	32 S2	80, 91 oct. N blkd.
Big Beaver (Mich)	0.8 E; hwy W	650	21 S6	80 oct. P-line N
Brooklyn (Cleveland, Ohio)	5.5 SW; RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW; RR N	625	19 S6	80 oct. SW blkd. P-line N
→ Chagrin Falls (Ohio)	3 E; hwy W	1220	26 S6	80 oct. P-line N, NE, NW
→ Chagrin Harbor (Willoughby, Ohio)	2.5 NNW; hwy	620	20 S6	80 oct. P-line W. Soft when wet.
→ Chardon (Ohio)	2.8 S; lake W	1230	22 S4	80 oct. P-line N, NE, SE.
CLEVELAND Range (Ohio)	344 (CV) (116.1)	100°, 0.7	SBRAZ-DTXV (4); 116.1	Use strips.
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278 (126.18, 118.3)		AC (ILS-W)	(4); 118.3, 126.18, 122.5
(A) [Cleveland] (Ohio)	8.5 SW; riv W	789	60h L6 S6	73, 80, 91, 100 oct. JP-1. FEE. ARPT OF ENTRY
Cumberland (Portsmouth)	8 S	15	28 S4	80 oct. (Va)
→ DETROIT H Fac. (Mich)	338 (D)	329°, 2.2	MHW	(Cont.) Detroit
DETROIT CITY Tower [Detroit City] (Mich)	278 (118.5)		C	(4); 122.5
	5.5 NE; RR S	625	53h L4 S6	80, 91 oct. Fee Rdo rec rqrd. ARPT OF ENTRY P-line N. Tank W
DETROIT NAS Tower (Mich)	See Grosse Ile under "New Facilities" - name changed.			
(N) Detroit NAS (Mich) (N)	See Grosse Ile under "New Facilities" - name changed.			
ELYRIA H Fac. (Ohio)	219 (S)	280°, 10.9	FMHW	(Cont.) Cleveland
Elyria (Ohio)	1.6 SSW; bet RRs	745	27 S4	80 oct. Poles SSE, S.
→ Euclid Ave. (Willoughby Ohio)	1.5 WSW; RR N	640	26 S6	80, 91 oct. P-line N, NNE, SSW.
(N) Fentress NAAS (Va) (N)	2.5 ESE; hwy N	16	25h	CLOSED.
Ford (Detroit, Mich)	8.8 SW; RR N	600	37h	PRIVATE.
(P) Franklin (Va)	3 NE; RR S	38	41h L5 S6	80, 91 oct. Trees sur fld.
Garner s (Windsor, Va)	4.8 NNE; hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk, Va)	4.5 E; hwy W	18	24 S6	80, 91 oct. Trees SW,
Gridley (Ypsilanti, Mich)	4.4 WSW; hwy 5	840	24 S5	80 oct. Pole E; woods N
Hance (Wyandotte, Mich)	2.5 W; hwy N, E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW; RR E	675	18 S6	80 oct. P-line E; trees ENE, W, WSW, WNW.
Joy (Detroit, Mich)	13 NE; RR W	616	24 S6	80 oct. Trees SW.
Krist-Port (Farmington, Mich)	3.8 N; jct rds	860	27 S6	80 oct. Obsts sur fld.
LANGLEY Army Range (Va)	221 (DLY)	102°, 3.8	SBMRAPZ-DT	(3)
LANGLEY Tower (Va)	278 (126.18)+		CA (GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N Hampton	10	70h L5 S6	73, 91, 100 oct. JP-1.
→ Lorain (Ohio)	2.8 W; RR N	610	31 S4	80 oct. P-line NE, SE.
Lorain Skyport (Lorain, Ohio)	2.5 W; lk N	610	29 S4	80, 91 oct. P-line S, SE. SW corner unusable.
→ Lost Nation (Willoughby, Ohio)	3 N; lk NW	626	37 S6	80, 91 oct. Rnwy data unv. Obsts sur fld. except N approach.
NEW FACILITIES				
(N) Grosse Ile NAS (Detroit, Mich) (N)	17 SSW	564	47h L5 S6	91, 100 oct. P-line E.
	269 (142.74)		CN	(3); 142.74 (8-17)

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
McEnnan (Ypsilanti, Mich)	2.7 SSW; riv NE	738	23 S4	80 oct. P-line E, Trees NW.
McKinley (Fraser, Mich)	1.3 NW; RR E	620	27	P-line E, NE
Mettetal (Plymouth, Mich)	1.5 SSE; RR E	700	25 S6	80 oct. P-line N, NE, SW, W.
Mid City (Hudson, Ohio)	2 S; RR S	1080	31 S4	80 oct. Poles W, NW
Milan (Mich)	3.8 SW; RR SE	705	23 S2	80 oct. P-line N
Monogram	2.8 W; riv W	21	45	CLOSED (Drivers, Va)
Nan-Bar (Flat Rock, Mich)	1 ENE; RR N	590	26 S4	80 oct. P-line NE, E.
Nat'l Fly Svc. (Detroit, Mich)	11.5 WSW; RR N	635	29 S4	80 oct. Poles NE, NW.
(N) Newport OLF (Mich) (N)	3 W; hwy E	608	20h	
NORFOLK Range (Va)	239 (NW) (116.1)	44°, 3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5, 126.18, 118.3
[Norfolk] (Va)	5 ENE; RR SE	22	50h L5 S4	80, 91 oct.
NORFOLK Navy Range (Va)	356 (NGU)	276°, 2.9	BMRLZ	(East Field)
(N) Norfolk NAS (Chambers)	7 N; rd N	13	26h	CLSD. Use E. Fld. (N)
NORFOLK NAS Tower (East)	323 (142.74)		CN (GCA)	(3); 142.74
(N) Norfolk NAS (East) (Va) (N)	6 N; RR SW	15	43h L5 S6	91, 100 oct NATS.
NORFOLK NAS Tower (Seapl)	2870		CN	2870 (7-17 and on req)
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105, 4495; 142.74 (745-1830)
(N) Oceana NAAS (Va) (N)	1 SW; RR N	20	60h L5 S4	91, 100 oct. No bcn.
Ortner (Wakeman, Ohio)	4 NNE; RR S		26 S1	73 oct. Data unver
Peninsula (Hampton, Va)	2 WSW; RR N	12	26 S4	80 oct.
(N) Pungo NAAS (Va.)	0.8 NE	15	25h	INACTIVE.
ROMULUS Range (Mich)	230 (DT) (116.1)	86°, 2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S; hwy W	610	31 S6	80 oct. SE, SW blkd.
Sky Haven (Northfld, Ohio)	2.5 SSE; RR NE	1040	25 S4	73, 80 oct. Pwr line W, S
→ Solon (Ohio)	1.1 SSE; RR NE	1034	24 L S6	80 oct. P-line SE, SW, W. Floods on req.
South Norfolk (Norfolk, Va)	3.7 S; hwy NW	20	25 S2	80 oct. P-line W.
Stinson (Wayne, Mich)	1.4 SW; RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE; riv SW	815	26 S6	80 oct. P-lines S, W blkd
Triangle (Plymouth, Mich)	1.5 ESE lk N	700	26 S4	80 oct. P-line N, E, S, W blkd.
* Vermilion Int, 28, CG-LG	3.7 SW; RR N, S	610	24 L3	N, SE, S, NW blkd. (Ohio)
Virginia Beach (Va)	6 W; RR N	15	43 S2	80, 91 oct. P-line N Hwy N
→ Ward (Bedford, Ohio)	1.5 S; RR E	980	21 S6	80 oct. Twr, tank N.
Waverly (Va)	2.5 NW; RR SW	115	17 S2	80 oct. Trees, brush
Warren (Mich)	1.6 WNW; RR E	625	23 S6	73, 80 oct. sur fld
Washtenaw (Dexter, Mich)	3 SSE; hwy S	867	26 S4	80 oct. P-lines, trees all approaches.
(NG) Wayne Co (Detroit, Mich) (NG)	16 SW; RR N	630	61h S3	100 oct. 1-ech. maint. NG. ARPT OF ENTRY
→ Willoughby (Ohio)	1.2 E; ordg 1 W	700	25 S6	80, 91 oct. Rnwy data unver P-line ENE, S.
WILLOW RUN Tower (Mich)	332 (118.7)		C (ILS-W)	(4); 118.7
(P) [Willow Run] (Ypsilanti)	4.5 E; riv S	715	74h L5 S1	RR N. (Mich) FEE
WINDSOR Range (Ont., Can)	353 (QG)	243°, 3.3	SBRAZ-T	3105, 6210, 3117.5.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM-	OM- ·– – (4.75)
				MMK-	OMK-
WILLOW RUN			50°	MM-	OM-
				MMK- 323 ·– – (0.65)	OMK- 359 ·– – (5.80)

NEW FACILITIES				
(P) Suffolk (Va.)	3.8 SSW; RR E	66	50h	
Richmond (Gregory, Mich)	1.7 SE; lk E	920	23 S2	80 oct. Trees N, ESE.
Knapp (New Hudson, Mich)	0.5 SW; RR SE	947	25 S1	80 oct. N blkd.
Irish Hills (Springville, Mich)	3 N; lk S	990	20 S1	80 oct. Trees NE, SE.
Waterloo (Mich)	2.4 ESE; lk W	1040	23 S1	80 oct. Trees SE. Hills SW, W
Flat Rock (South Rockwood,	2.8 W; hwy W	600	24 S4	80 oct. P-line NW. (Mich)

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. (Jones) – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

CHART 141

DETROIT AREA

(SEE CHART 33)

CLEVELAND AREA

(SEE CHART 49)

NORFOLK AREA

(SEE CHART 97)

SCALE OF MILES 5 0 5 10

RICHMOND · WATERLOO · IRISH HILLS · TECUMSEH · MILAN · WASHTENAW · SALINE 20 · ANN ARBOR · GRIDLEY · McENNAN · ROMULUS 230 116.1 MC. · METTETAL · HARTSELL · KRIST-PORT · WIXOM 20 · HIGHLAND · GREEN 2 · NATIONAL FLY. SVC. · BURNS · TRIANGLE · FORD · STINSON · WAYNE CO. · GRIDLEY · WILLOW RUN 332 KC. 118.7 MC. · TOLEDO 239 · NAN-BAR · FLAT ROCK · NEWPORT OLF · TO SANDUSKY · TO OXFORD · BERZ · BIG BEAVER · WARREN · McKINLEY · JOY · ROSEVILLE · DETROIT CITY 278KC. 118.5MC · DETROIT (W) 338 · SELFRIDGE AAF 388 · ECORSE · HANCE · WINDSOR 353 · GROSSE ILE NAS 269 KC. 142.74 MC. · TO MITCHELL BAY · TO CLEVELAND · TO BURR OAK · LANSING 206 · RED 21 · RED 12 · RED 20 · RED 1 · EVEN · ODD · 3000 · 2000 · 325 · 81 · 164 · 149 · 29 · 242 · 266 · 322 · 64 · 327 · 31 · 43 · 15 · 12 · 10 · 23 · 82 · 55 · 17 · 74 · 54 · 13 · 42 15' · 42 30' · 83 · 83 30' · 83 45' · 84 · 82 45' · 81 45' · 81 30' · 81 15' · 82 · 82 30' · 82 35' · 41 44' · 41 30' · 41 15' · 41 11' · 41 · 81 · CA · TO PERRY · TO WINDSOR · TO SANDUSKY · TO COLUMBUS · TO AKRON · TO MANSFIELD · TO ERIE · TO YOUNGSTOWN

LOST NATION 49 S · CHAGRIN HARBOR · EUCLID AVE 26 S · WILLOUGHBY · CHARDON · CLEVELAND VHF RANGE · LORAIN 31 S · LORAIN SKYPORT · AVON LAKE 8 · CLEVELAND 344 (116.1) · BROOKLYN 26 S · BEDFORD · CHAGRIN FALLS · BRECKSVILLE 13 · VERMILION 26 · ELYRIA 11 · ELYRIA (W) 219 · VERMILION 24 L · ORTNER · ELYRIA 22 S · CLEVELAND-785' 60H L S-278 (118.3 126.18) 278 KC LOW POWERED RANGE ON REQUEST · NORTH ROYALTON 11 · WELLINGTON · SOLON · PARKMAN · WARD · MID CITY 31 S · SKY HAVEN 25 S · AKRON 362 · GREEN 3 · AMBER 6 · BLUE 11 · BLUE 15 · 2000 · 3000 · 100 · 280 · 325 · 40 · 50 · 69 · 39 · 33 · 29 · 70 · 41 30' · 41 15' · 41 11' · 81 · 82 35' · 82 30' · 81 30' · 81 15' · 41 44'

SCALE OF MILES 5 0 5 10

LANGLEY AAF 221 · LANGLEY AAF-10' 70H L S-278 (126.18) · RICHMOND 260 · GREEN 6 · BACONS CASTLE · PENINSULA 26 S · NAS. NORFOLK 26 H · BUCKROE BEACH · CAPE CHARLES · NAS. NORFOLK 356 · HAMPTON ROADS · WHITEHURST · NORFOLK 239 (116.1) · NORFOLK-22' 50HLS 269 (118.3, 126.18) · NORVIEW · THALIA · VIRGINIA BEACH · NAAS, OCEANA-20' 60H L S-3295 (142.74) · SO. NORFOLK · NAAS. PUNGO 25H · NAAS. FENTRESS-16' 25H · WAVERLY · GARNER 25 S · ECLIPSE 16 · NONOGRAM · ROOSEVELT · PORTSMOUTH · PEANUT CITY · FRANKLIN 30H · NAS. NORFOLK (EAST)-15' 43H L S-323 (142.74) (SEAPLANE)-2870 · SUFFOLK 50H · DEEP CREEK 10 · CUMBERLAND · D.A. · 2000 · 74 · 102 · 134 · 314 · 172 · 186 · 282 · 224 · 276 · 352 · 44 · 96 · ODD · 37 · 36 45' · 36 40' · 77 15' · 77 · 76 45' · 76 30' · 75 45' · 75 40'

● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

FOR V.H.F. RANGES SEE CHARTS 144 TO 147.

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

SEATTLE – PORTLAND – INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct.Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct.Trees N.P-line E,W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S6	80 oct.P-line E. (Wash)
Beck (Joliet ville,Ind)	2.2 SSE;hwy 2W	830	18 S3	80 oct. P-line W,Ea.
Boeing-Renton (Renton,Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4); 118.3, 126.18, 140.1, 122.5
(P) [Boeing](Seattle, Wash)	3.8 SSE;RR E	15	75h L5 S6	80-100 oct.ARPT OF ENTRY
Brightwood (Indianapolis,Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
City View Arpk (Tacoma,Wash)	4.5 NE	380	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Yorktown,Ind)	1 NE;RR S	950	27 S4	80 oct.P-line N,W.Use strips.
Dwyer Landing Fld.(Portland, Ore)	7 SE;RR NW	200	16	Poles SW.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway,Wash)	1.8 E;RR E	340	28 S6	80 oct.P-line S,Ctn.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18	SE blkd.
Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct.P-line SE,S.Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Himes (Whitesville,Ind)	0.8 E;RR SW	870	17 S1	80 oct.P-line NNE,NW
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE.
Howell Brothers (Rushville,Ind)	2 SE;hwy SW	985	13 S2	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3);116.1,122.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton,Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct.Lgts on req.No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct.Trees ENE,WSW.
Lapel (Ind)	1 NE	865	26 S4	80 oct.Obst sur fld.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E,SE blkd.
Martinsville (Ind)	See Elliott-Martinsville under "New Facilities"-name changed.			
McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRL	
McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ◆ :45.05	(3); 116.1, 126.18
(A) McChord (Tacoma,Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct.IP-1.FOR-EIGN CLEARING STN.
Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct.P-line E,SSE,NNW.
Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" - name changed.			
Milroy Int,5,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,E	20	19 L S6	(Wash) Lgts prior req.
Owen Pathfinder(Camby,Ind)	2.3 S	792	32 S1	80 oct.P-line SSE,SW.Use strips
PORTLAND Range (Ore)	332(PD)(vhf)	168°,3.1	SBRAZ-DTV	(3); 116.1, 122.1
PORTLAND Tower (Ore)	278(126.18,118.3)+		AC (ILS)	(4);142.74,122.5,118.3,126.18
(NG) [Portland] (Ore)	5 NNE;riv N	19	55h L6 S6	91,100 oct.Lgts prior req.
(NG) Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	42 S6	80,91 oct.
R.C. Sugg (Orchards, Wash)	See Evergreen Fld (Orchards) under "New Facilities" - name changed.			
Reese Fly. Serv. (Selma,Ind.)	3.5 SW;riv W	975	20 S2	80 oct. P-line E,NE.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE.
Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	req.No flood,no bcn.
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1 Lgts prior,
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 L5 S6	80,91 oct.Hill S. (Wash)
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
Seattle-Tacoma (Seattle,Wash	10.5 S; RR E	405	61h L6	P-line NE.hills sur fld.
Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct.P-line W.Data un-ver.
(P) Sky Harbor (Indianapolis,Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct.P-line E,S,SE.
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co.(Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct.P-line S.(Wash)
Sportsman Arpk (Newberg,Ore)	1 E;riv SW;hwy W	173	23 S4	80 oct.Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis,Ind)(A)	5.5 WSW	714	45h L5 S4	100 oct,2nd ech maint only
Suco Arpk (Shelbyville,Ind)	0.7 SE;RR NE	800	23 S2	80 oct.P-line E.Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma,Wash)	2.9 WSW;RR E	250	20 S4	80 oct.Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. Use strips only
White Cloud (Greenwood,Ind)	1.8 SW;hwy E	800	24 S6	80 oct.P-line N,NE,E,SE,NW
Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct.P-line N,E,W

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9	333.8	44°	IM-	MM- •—•—(0.89)	OM- ——(4.3)
					MMK-201 —••	OMK-219 ••
McCHORD (A)	109.9	333.8	337°	IM- (0.24)	MM- ••••••(0.85)	OM- ——(4.44)
					MMK-	OMK
PORTLAND	109.9	333.8	113°	IM-	MM- •—•—(0.52)	OM- ——(4.81)
					MMK-	OMK-219 ••••
SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- •—•—(0.65)	OM- ——(4.6)
					MMK-371 •—••	OMK-359 •••

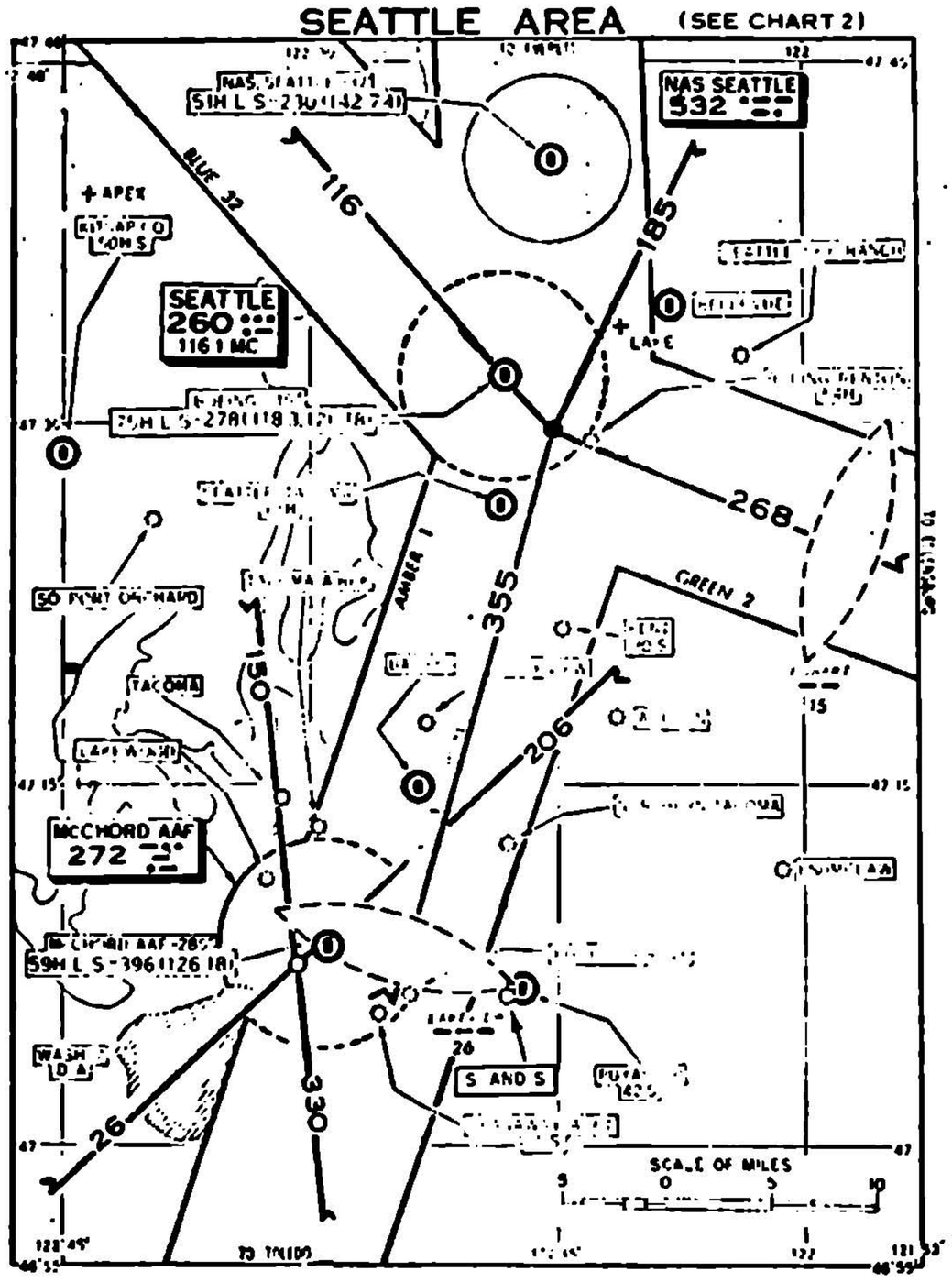
NEW FACILITIES

Bernard (Beaverton,Ore)	1.4 NNW;RR S	208	19 S6	80, 91 oct.
Columbia Co.(Scappoose,Ore)	1.2 NE;RR W	55	40h L S6	80,91 oct.Port rnwy lgts,P.
Hillsboro (Ore)	2.4 ENE;RR E	200	41h L5 S6	80,91 oct. line NNW.
Bellevue (Seattle,Wash)	9.5 E	345	22h S6	80,91 oct.Rdo prprs. Rnwy data unver.
Stewart (Danville,Ind.)	2 E;hwy N	750	25 S2	80 oct.Wires N,S.Use strips.
Skylife (Fairview,Ore.)	4 W;RR N	243	28 S1	80 oct.Pwrline ESE.
Division Street (Ore.)	2.4 WNW;RR E	250	28 S6	80,91 oct.S bldk.Trees N.
Auburn (Wash.)	1.8 ESE;lk NE	276	24 S6	80,91 oct.
Evergreen Fld (Orchards, Wash.)	3.8 SSE;hwy S	310	24 L S6	80 oct.Port lgts prior req.
Elliott-Martinsville (Martinsville,Ind)	2.8 WSW;RR N	600	26 S2	80 oct.P-line N,SW,NW.
S & S Airstrip (Graham,Wash)	3.9 N;hwy E	520	13	Tall grass SSW.
SEATTLE NAS H Fac.(Wash.)	414 (X)		MHW	Opers cont.
Converse (Ind.)	1 WSW;hwy N	850	33	

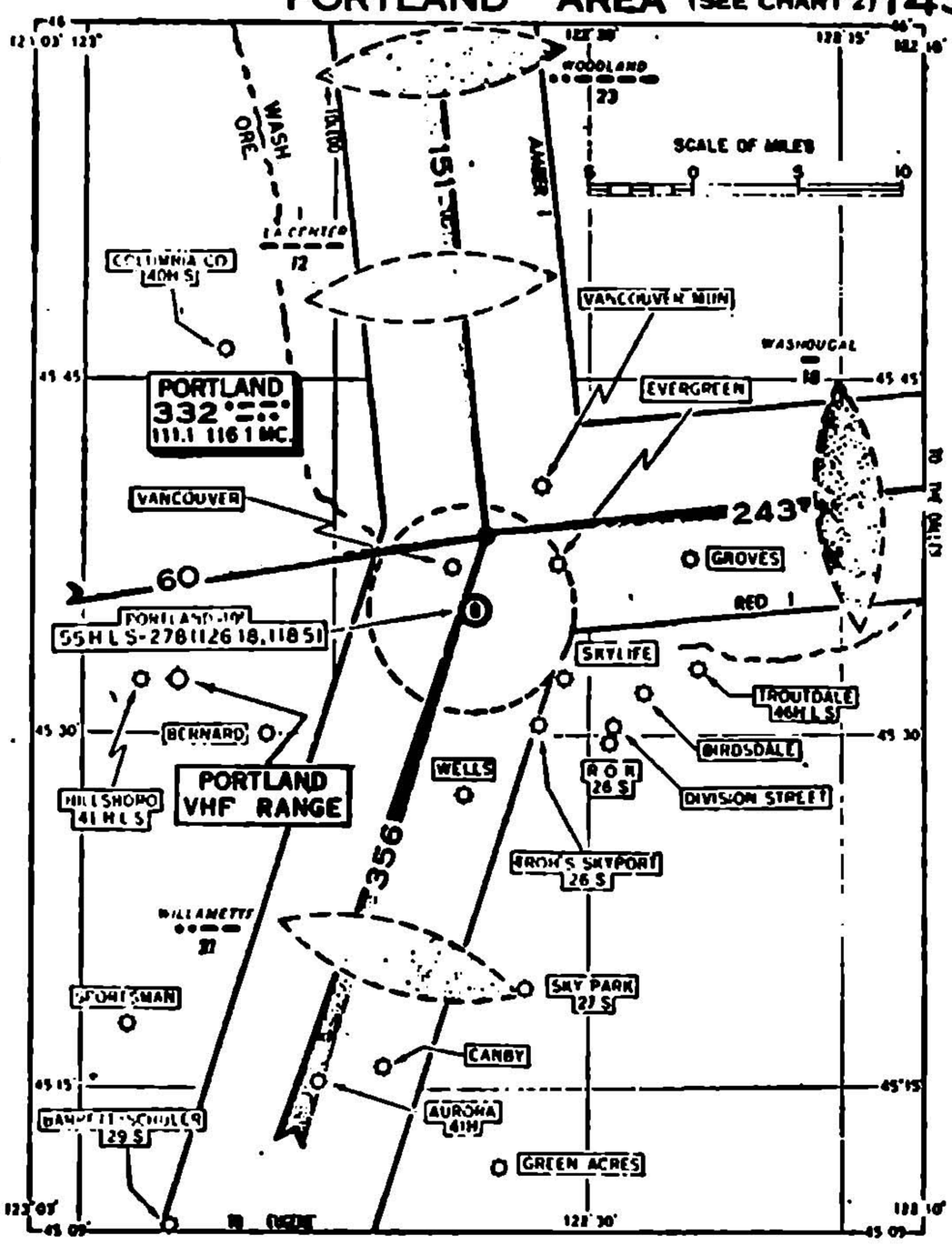
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

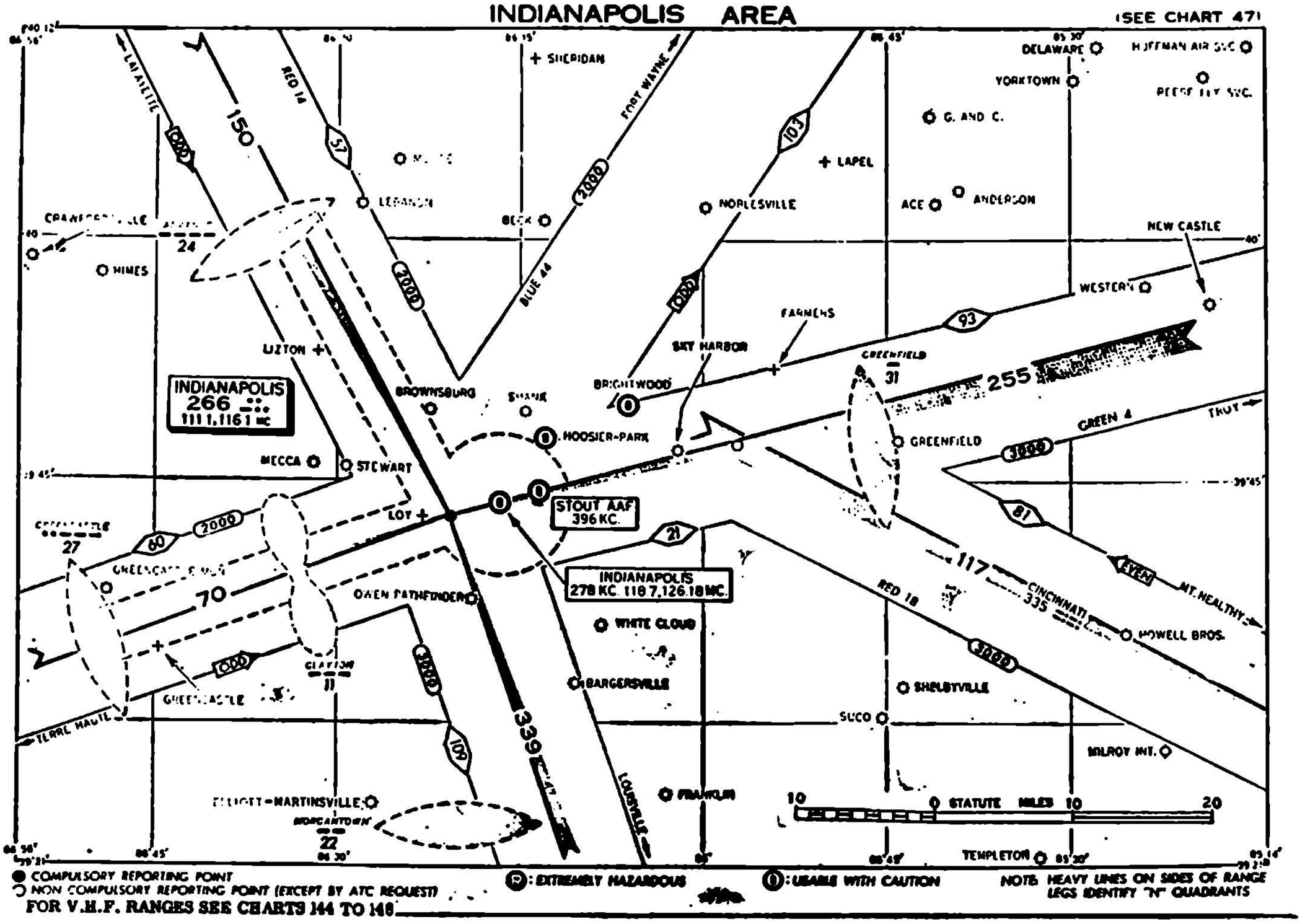
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



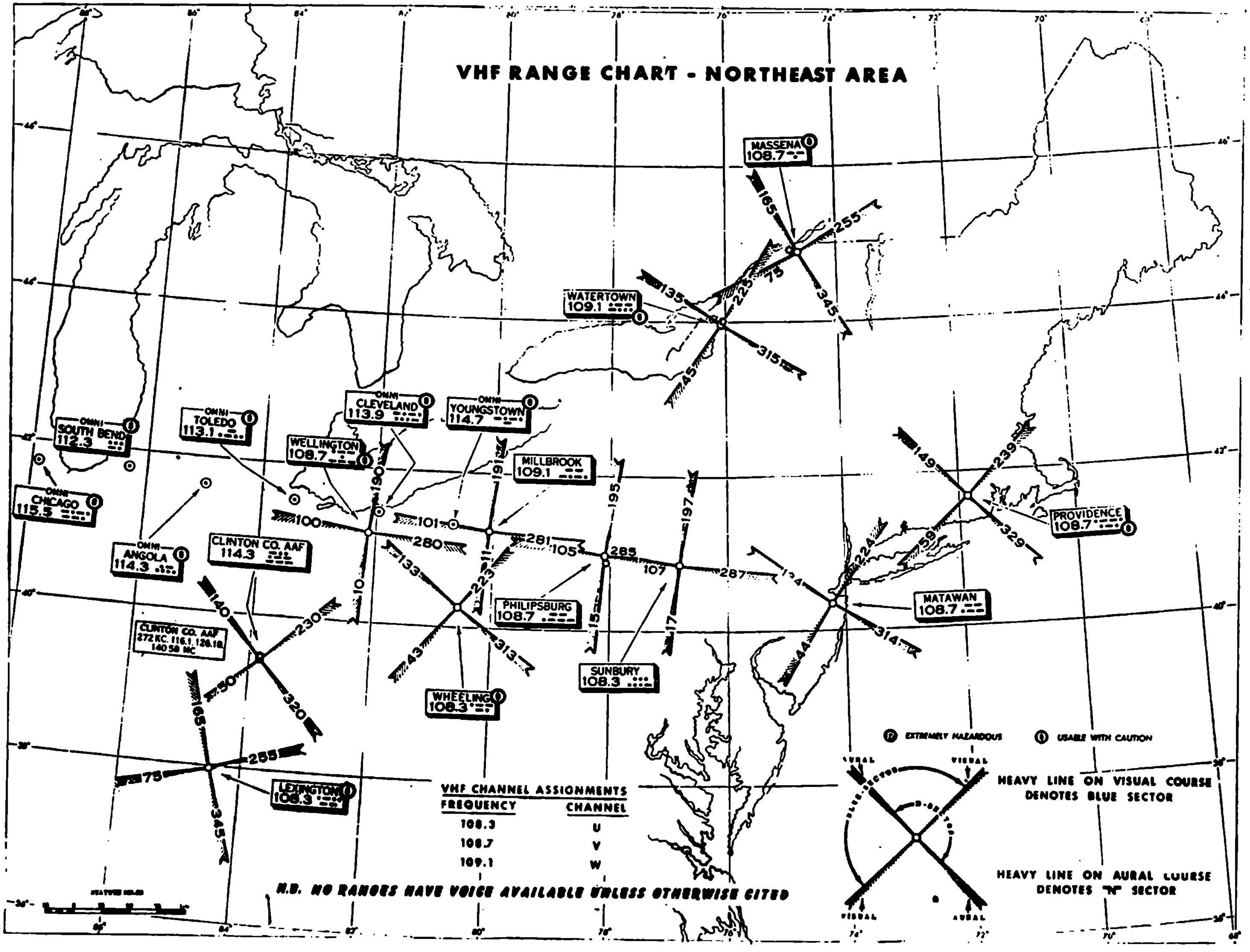
INDIANAPOLIS AREA (SEE CHART 47)



● COMPULSORY REPORTING POINT
○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ: EXTREMELY HAZARDOUS
Ⓤ: USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FOR V.H.F. RANGES SEE CHARTS 144 TO 148

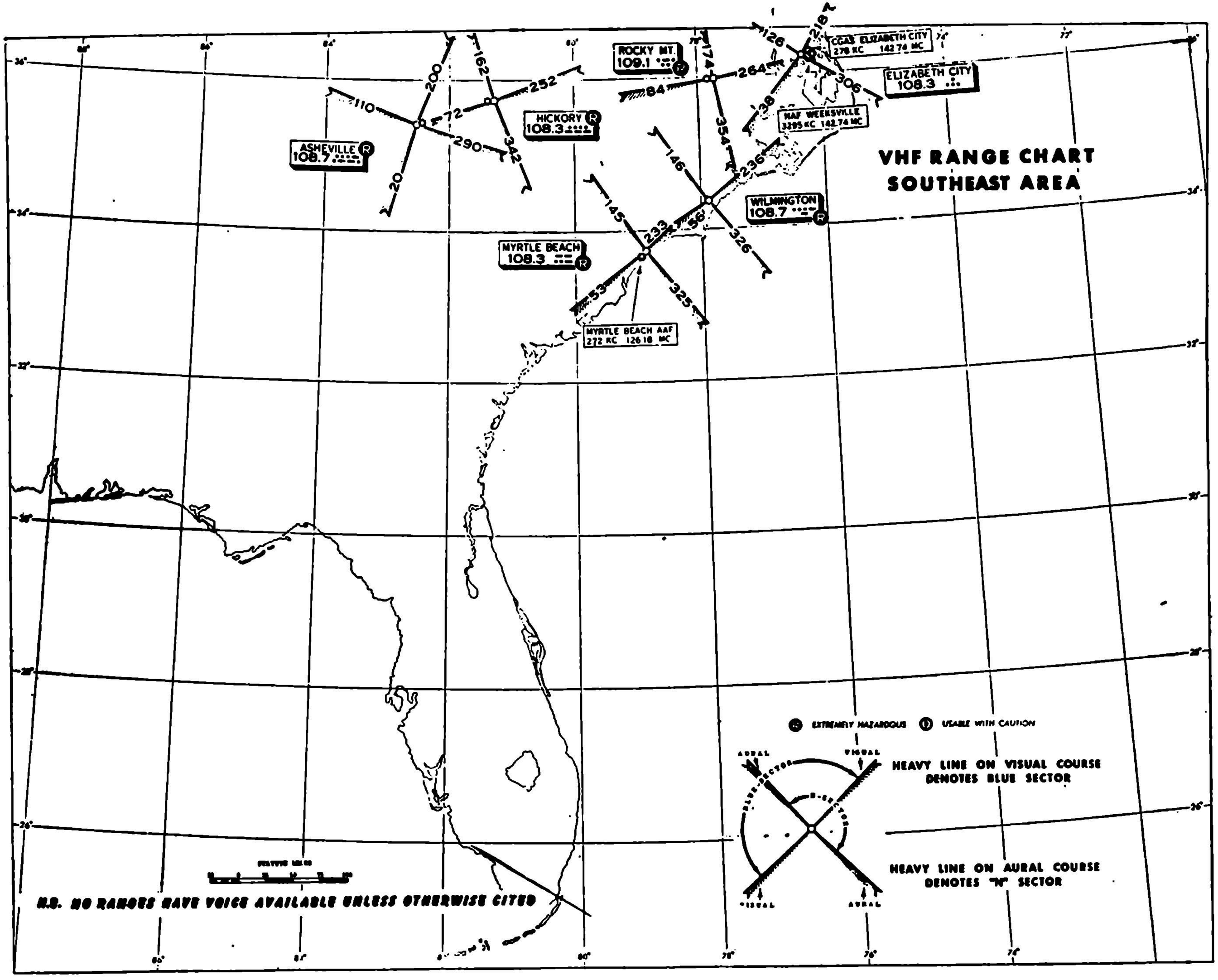
VHF RANGE CHART - NORTHEAST AREA



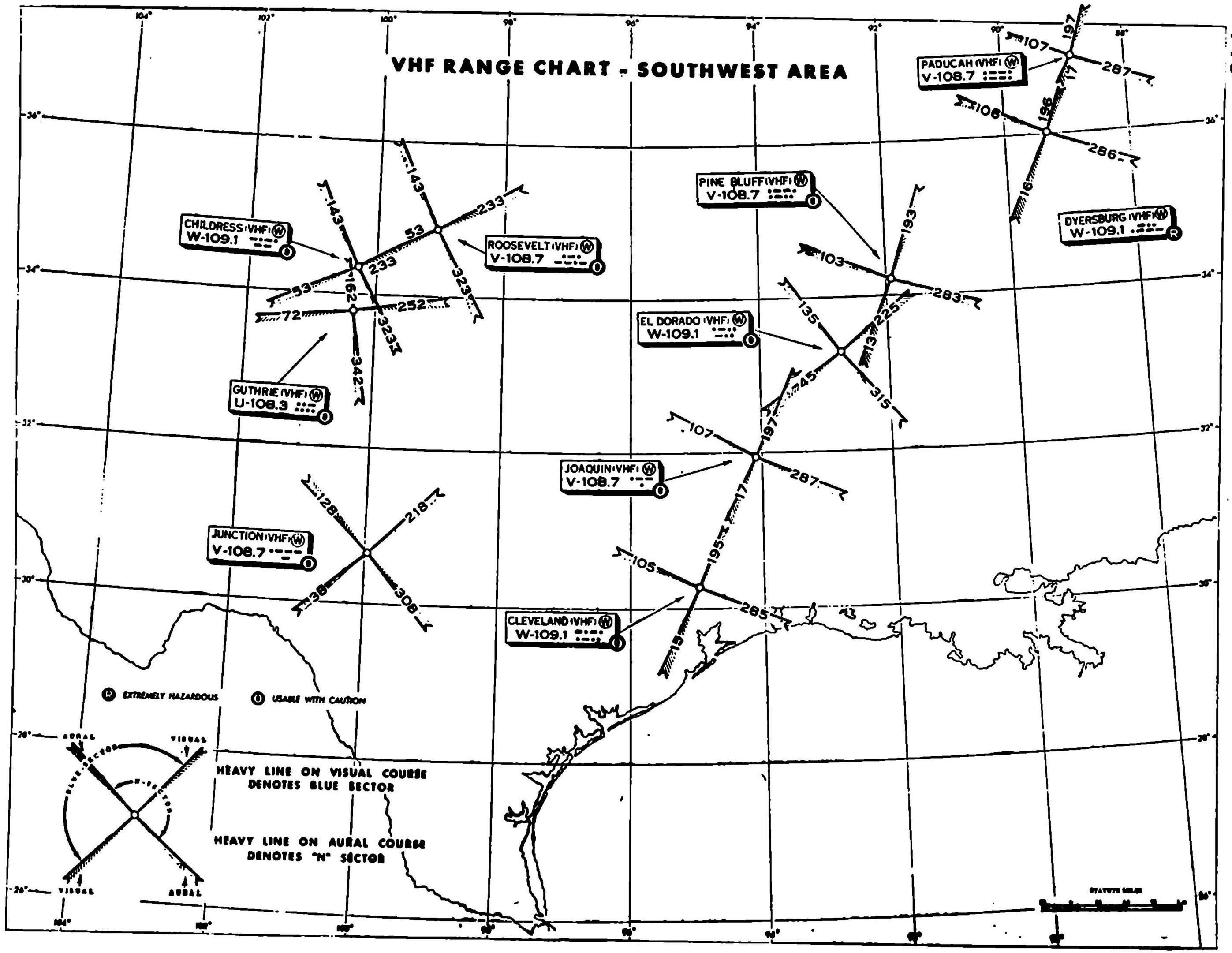
VHF CHANNEL ASSIONMENTS

FREQUENCY	CHANNEL
108.3	U
108.7	V
109.1	W

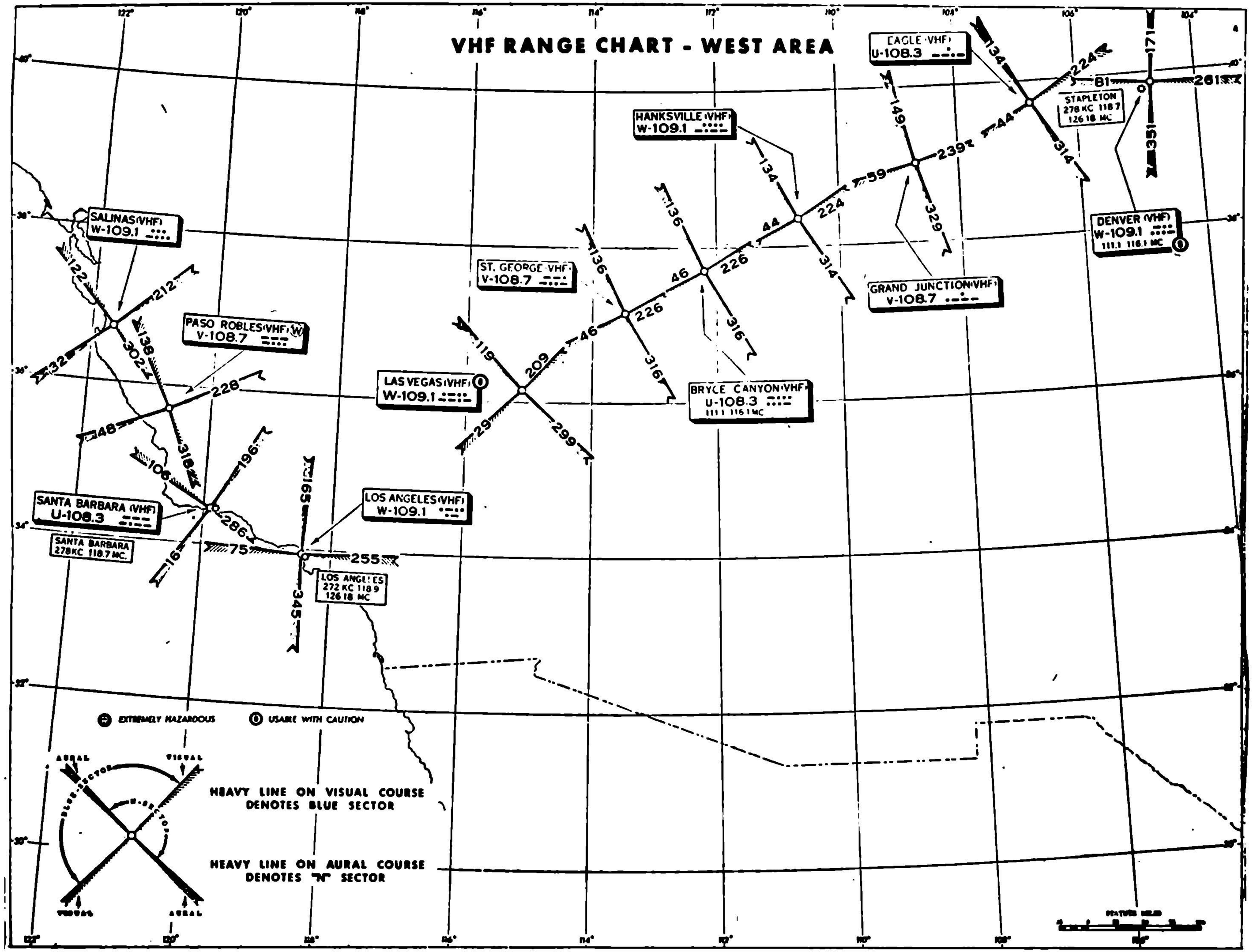
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED


VHF RANGE CHART
SOUTHEAST AREA
ROCKY MT.
109.1
HICKORY
108.3
ASHEVILLE
108.7
CGAS ELIZABETH CITY
270 RC 142.74 MC
ELIZABETH CITY
108.3
NAF WEEKSVILLE
329.5 RC 142.74 MC
WILMINGTON
108.7
MYRTLE BEACH
108.3
MYRTLE BEACH AAF
272 RC 126.18 MC
110
200
162
252
72
290
342
20
174
264
84
126
218
306
38
354
146
236
145
233
58
326
53
325
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
AURAL
VISUAL
BLUE SECTOR
HEAVY LINE ON VISUAL COURSE
DENOTES BLUE SECTOR
HEAVY LINE ON AURAL COURSE
DENOTES "N" SECTOR
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED

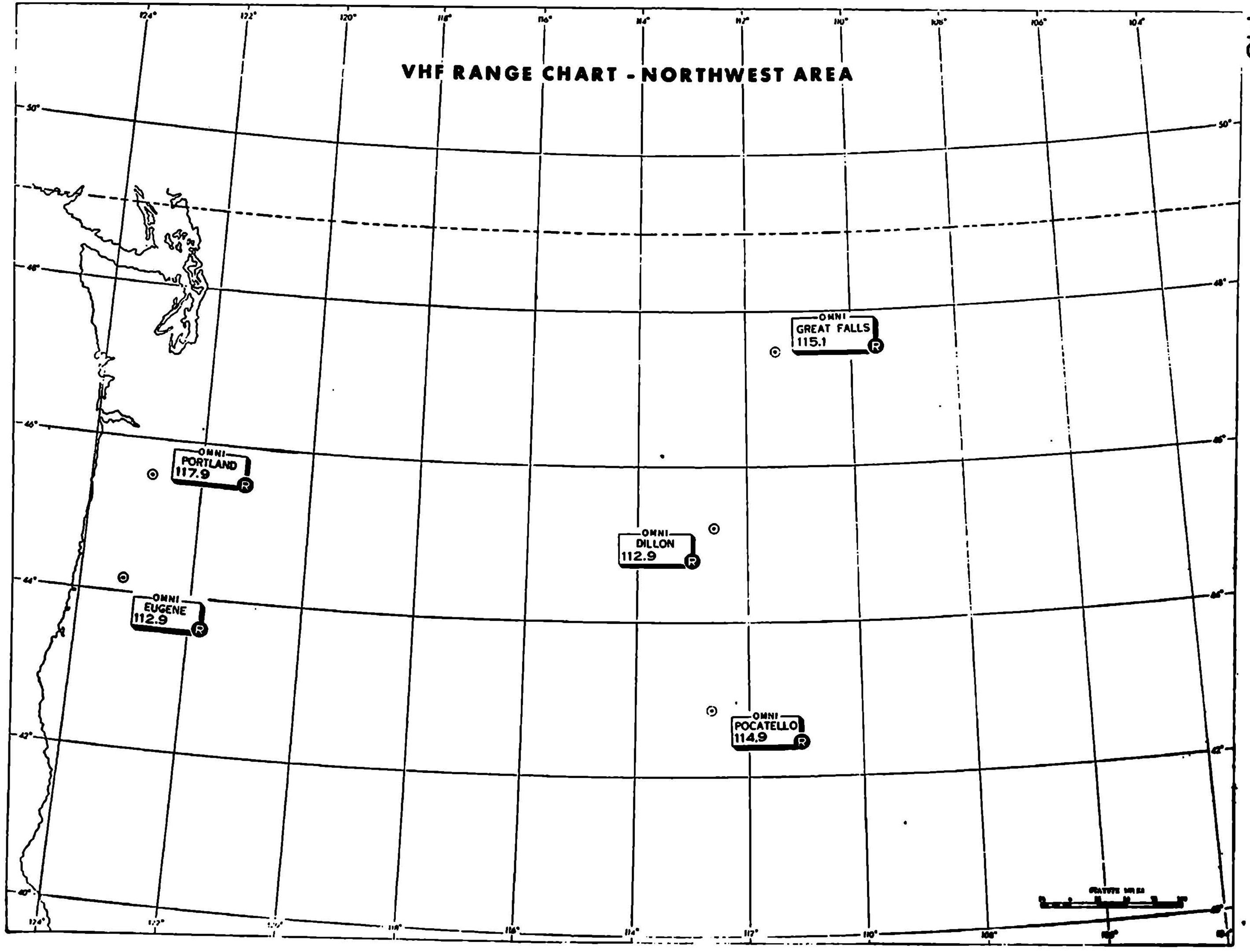
VHF RANGE CHART - SOUTHWEST AREA



VHF RANGE CHART - WEST AREA



VHF RANGE CHART - NORTHWEST AREA



AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - MONTREAL	195
ALBANY - NEW YORK	146
ALBUQUERQUE - AMARILLO	278
ALBUQUERQUE - DENVER	408
ALBUQUERQUE - WINSLOW	234
AMARILLO - OKLAHOMA CITY	232
AMARILLO - WICHITA	300
ATLANTA - MOBILE	299
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BILLINGS - HELENA	195
BIRMINGHAM - ATLANTA	141
BIRMINGHAM - MEMPHIS	268
BISMARCK - BILLINGS	384
BOSTON - BANGOR	210
BOSTON - BUFFALO	403
BOSTON - BURLINGTON	192
BOSTON - MONTREAL	265
BOSTON - PORTLAND	95
BROWNSVILLE - SAN ANTONIO	273
BUFFALO - CHICAGO	506
BUFFALO - DETROIT	249
CHARLESTON - CINCINNATI	152
CHARLESTON - RICHMOND	362
CHARLESTON - ST. LOUIS	475
CHARLESTON - WASHINGTON	461
CHICAGO - CINCINNATI	279
CHICAGO - DES MOINES	318
CHICAGO - MINNEAPOLIS	370
CHICAGO - ST. LOUIS	257
CLEVELAND - CHICAGO	320
CLEVELAND - DETROIT	107
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
DENVER - SALT LAKE	469
DENVER - SHERIDAN	400
DES MOINES - DENVER	604
DETROIT - CHICAGO	257
EL PASO - ALBUQUERQUE	251
EL PASO - PHOENIX	383
EL PASO - SAN DIEGO	666
FARGO - BISMARCK	187
FORT WORTH - EL PASO	535
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	310
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	299
GREENSBORO - ATLANTA	307
HELENA - SPOKANE	269
HOUSTON - ALICE	222
HOUSTON - CORPUS CHRISTI	184
HOUSTON - DALLAS	267
HOUSTON - FORT WORTH	274
HOUSTON - SAN ANTONIO	238
INDIANAPOLIS - ST. LOUIS	222
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
JACKSONVILLE - NEW ORLEANS	529
KANSAS CITY - CHICAGO	413
KANSAS CITY - DENVER	568
KANSAS CITY - HURON	416
KANSAS CITY - MINNEAPOLIS	471
KANSAS CITY - ST. LOUIS	205
KEY WEST - MIAMI	157
KNOXVILLE - NASHVILLE	154
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SALT LAKE	647
LOS ANGELES - SAN FRANCISCO	362
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MEMPHIS - ST. LOUIS	261
MEMPHIS - TULSA	362
MIAMI - JACKSONVILLE	334
MIAMI - TAMPA	222
MINNEAPOLIS - FARGO	228
NASHVILLE - MEMPHIS	205
NEW ORLEANS - HOUSTON	313
NEW YORK - BUFFALO	291
NEW YORK - BOSTON	193
NEW YORK - CLEVELAND	433
NEW YORK - PITTSBURGH	335
NEW YORK - ROCHESTER	277
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	228
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHILADELPHIA - PITTSBURGH	258
PHOENIX - LOS ANGELES	369
PITTSBURGH - CLEVELAND	124
PITTSBURGH - INDIANAPOLIS	353
PITTSBURGH - NEW YORK	361
PORTLAND - BANGOR	115
PORTLAND - PENDLETON	185
PORTLAND - THE DALLES	73
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ROANOKE - KNOXVILLE	244
SACRAMENTO - SAN FRANCISCO	76
ST. LOUIS - CHICAGO	257
ST. LOUIS - KANSAS CITY	205
ST. LOUIS - MEMPHIS	261
SALT LAKE - BUTTE	379
SALT LAKE - GREAT FALLS	488
SALT LAKE - SACRAMENTO	549
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN ANTONIO - DALLAS	251
SAN ANTONIO - FORT WORTH	258
SAN DIEGO - LOS ANGELES	106
SAN FRANCISCO - PORTLAND	574
SAN FRANCISCO - SALT LAKE	625
SAN FRANCISCO - SEATTLE	705
SEATTLE - SPOKANE	245
SHERIDAN - GREAT FALLS	307
SPOKANE - PENDLETON	161
SPOKANE - SEATTLE	245
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
TULSA - ALBUQUERQUE	629
WASHINGTON - CHARLESTON	267
WASHINGTON - GREENSBORO	271
WASHINGTON - NEW YORK	226
WASHINGTON - PITTSBURGH	190
WASHINGTON - ROANOKE	196
WICHITA - KANSAS CITY	176
WINSLOW - LOS ANGELES	502

N.B. The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the indifical Guide Charts.

It is hoped that the mileages tabulated above facilitate flight planning because the addition of small sector mileages is no longer necessary.

NOTICES TO AIRMEN

SPECIAL NOTICES

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/gnd communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25,D.C. for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

CIVIL DATA: The Airman's Guide covers primarily two broad fields of civil airport information, namely so-called permanent data changes and temporary hazardous conditions. Permanent airport data refer to new airports or changes in field layout, servicing, lighting, or permanent obstructions of existing airports. Temporary hazardous conditions refer to conditions that make such airports temporarily unusable or usable only with caution. Such hazardous conditions could be, for example, a field closed because of floods, spring thaws, or construction; or merely a burned-out obstruction light or a runway partially unusable because of construction. Obviously, temporary hazardous conditions should be reported to the aeronautical public at once The necessity for reporting additional aids or minor changes in existing aids, however, isn't nearly as cogent In other words, a temporarily closed airport is ordinarily of much more importance from a safety angle than is a new airport, and the aeronautical public should be told about it as expeditiously as possible.

Notamizing of advice covering a field unusable because of flood, or snow, a runway closed because of construction, or the erection of a pole-line in an approach, doesn't necessitate an engineering background on the part of the reporter. Too, safety frequently necessitates the notamizing of such advice before an official check can be made On the other hand, advice covering permanent airport data changes, such as a new airport, or a lengthened landing strip, or an additional hangar, obviously doesn't require the same expeditious transmission to the aeronautical public, and the data may be checked from an engineering standpoint and for standardization before being publicized.

SUMMATION: (a) Since the aeronautical public should be immediately advised of hazardous conditions, reporters should utilize the CAA Airways Communications Stations The item to be reported, therefore, should either be telephoned or mailed to the nearest communications station for dissemination as a notam and for further transmission to the publishers of the Airman's Guide.

(b) Permanent airport data changes (as differentiated from temporary hazardous conditions) should be reported to the appropriate CAA District Airport Engineer for coordination before they are included in the Airman's Guide.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 85-2: The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 85-2 and AAF Regulation 85-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, NG, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

2. "OFFICIAL BUSINESS" within the meaning of AAF Regulation 85-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the puspose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

3. POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS" (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS." Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.

4 "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2. AAF Regulation 60-22.

✓ ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA AND AZORES - Brookley Fld, Ala., MacDill Field, Fla., Washington National Arpt, D.C., or Westover Field, Mass. ALASKA - McChord Fld, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field,

✓ Indicates new or revised Special Notices

N.Y., Brookley Fld, Ala., MacDill Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. CANADA - Great Falls AAF, Mont., Brookley Field, Ala., McChord Fld, Wash., Washington National Airport, D.C., Selfridge Field, Mich., or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif., MacDill Field, Fla., Kelly Field, Tex., or Brookley Fld, Ala. CARIBBEAN - Brookley Fld, Ala., Kelly Fld, Tex. or MacDill Field, Fla. ENGLAND, GREENLAND, ICELAND, AND NORTH IRELAND - Washington National Arpt., D.C., or Westover Field, Mass. NOVA SCOTIA AND NEWFOUNDLAND - Washington National Arpt., D.C., Westover Field, Mass., Selfridge Field, Mich., or Brookley Fld, Ala. HAWAII - Fairfield-Suisun AAF, Calif. EUROPEAN THEATER - Brookley Fld, Ala., MacDill Fld, Fla., Washington National Arpt., D.C., or Westover Fld, Mass.

1/ PILOT PROCEDURES WITH FLIGHT SERVICE, USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases: No change. References: AAF Regulations 15-23 and 60-22. (2) Departure from non-AAF Bases: All pilots of AAF aircraft departing from a non-AAF base will file a complete flight plan, with, and when necessary secure approval from, the nearest Flight Service Center prior to take-off, or as outlined in AAF Regulation 60-22. Communication with a Flight Service Center may be established by a collect telephone call. When a telephone is not available the nearest AAF base or AACS station may be contacted by radio. After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance. The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA commun. facs. are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute: AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACA airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change or route, altitude, point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must furnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA Airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service One position report each 30 minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories. (7) Voice Calls: AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) Arrival Reports at non-AAF Bases: Arrival reports from fields where there is no established AAF Base Operations will immediately be sent by the most expeditious means available or by a collect telephone call to the nearest Flight Service Center. (9) RON Messages: At bases not connected with Flight Service Centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service Center at the time the arrival report is filed. (10) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An Index of AACS airways stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 100 and 101 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	** AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	137.88 mcs.	AACS AIRWAYS (PLAN 62)	** Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH CONTROL	

** Available for service indicated on a secondary basis.

(11) It will be some time before all AAF aircraft are equipped for operation on AACS airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency. Aircraft which are equipped for operation on AACS airways frequencies will contact airways station whenever possible rather than AAF control towers. (12) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4871
Memphis; New Orleans; Atlanta .	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit;Chicago;St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691 Osborn 88692
Ft. Worth; San Antonio; part of El Paso	Ft. Worth Flight Service Center** Fort Worth, Tex.	Fort Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles;Albuquerque; part of El Paso	March Flight Service Center** Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls;Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD-20 Tacoma LD-21

**REVISION OF ARMY FLIGHT SERVICE CENTER AREAS: The boundary between the March and Fort Worth Flight Service Areas has been moved. That part of the El Paso CAA area lying E of the following points now falls within the Fort Worth Flight Service Area; that part lying W within the March Flight Service Area: From 25 miles SE of the Clarendon Range, thence SSW to lat. 33°, long. 101°35', thence W to 33°-104°, thence S to 31°-104°, thence W to the U.S.-Mexican Border at 31°-105°34'.

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

1/ CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with notification from Headquarters, Army Air Forces, July 2nd AAF Letter 63-9 has been rescinded and the following instructions will govern the clearance of AAF aircraft in the New York City Area: For clearance purposes into or from the New York City Area (encompassed by a 25 mile radius from the southern tip of Manhattan), CFR is defined as ceiling at least 2000' and visibility 3 miles or more; IFR when the visibility is not less than one mile and the ceiling is unlimited, or when the ceiling is not less than 5000' and the visibility not less than 2 miles. AAF aircraft flying into

the New York City Area may be cleared to any authorized field therein provided weather conditions are not less than those defined above. In all cases in-flight approval from Olmsted Flight Service Center by contacting Olmsted Airways, Rome Airways, Westover Airways, Mitchel Airways, or Ft. Dix Airways must be obtained prior to proceeding to the field of destination. All pilots whose destination is an airfield within the area will indicate on the AAF Form 23 that their flight plan to the field of destination is via any of the five stations listed. Flights for which the point of first intended landing is Mitchel Field may be made using normal clearance procedure and restrictions outlined herein are not applicable to that station. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempt from these restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, NG, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, NG, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequencies
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequencies
1	116.1
2	142.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS, AND SEARCH AND RESCUE PROCEDURE: 1 When an aircraft is in distress and the pilot is unable to establish two-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is --, Over." Pilot may follow this emergency transmission with any other information he deems necessary Although Channel "D" (140.58 mcs) has been designated as the Joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. 2. To request escort by Air Rescue Service rescue plane when two-way communication can be established, aircraft in distress will: (a) Contact Flight Service through nearest AACS airways station. (b) Give position report; if position is not known, request QTF (Fix). (c) Give nature of trouble, also estimated time plane can remain aloft. (d) Follow instructions transmitted by Flight Service. (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. 3. To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station. (b) Give position of crash. (c) Evidence of survivors, type and number of aircraft (if possible). (d) Follow instructions transmitted by Flight Service. (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airports designated by a single (A) in the "Airman's Guide" (joint use with civil interests), Army servicing is available unless remarks column carries "ARMY TEMP INACT-CIVIL FACS." Notation is given in remarks column to servicing available for military aircraft: for example, "91, 100 oct. Army". This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard Fields (on Form 15). Notation with regard to available facilities will be shown in the remarks column; for example, "91, 100 oct. NG". At (P) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof.

PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum. (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize. (See pages 144, 145, 146 for VHF range coverage).

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 mcs. and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs for transmission to CAA Communications Stations and 122.5 mcs for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications station program is not fully effective yet because of non-receipt of the new receivers. CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs. in addition to towers' low frequencies. See individual data pages in the Airman's Guide for inclusion of these frequencies as commissioned.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures.

CFR FLIGHT PLANS, AND ARRIVAL REPORTS: CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. One hour after E.T.A., if no notice of arrival is received, queries are sent out over CAA communications systems. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. To reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

✓ TETRAHEDRONS: The tetrahedrons at the following airports were discontinued July 1, 1947: Atlanta Arpt, Ga., Orlando Arpt, Fla., Birmingham Arpt, Ala. Those at the following airports were leased to municipalities for maintenance and operation: Miami Arpt, Fla., West Palm Beach Arpt, Fla., Jacksonville Arpt, Fla., Tallahassee Arpt, Fla., Savannah Arpt, Ga., Charleston Arpt, S.C., Raleigh Arpt, N.C., Spartanburg Arpt, S.C., Charlotte Arpt, N.C., Winston-Salem, Arpt, N.C., Greensboro, Arpt, N.C., Nashville Arpt, Tenn., Knoxville Arpt, Tenn., Memphis Arpt., Tenn., Jackson Arpt, Miss. (7-3)

✓ MINNEAPOLIS AIR ROUTE TRAFFIC CONTROL CENTER AREA AND FLIGHT ADVISORY AREA BOUNDARIES: Effective July 22, 1947, the Chicago-Minneapolis Air Route Traffic Control Center Area Boundary on Green Civil Airway #2 was relocated from a point 25 miles SE of the La Crosse, Wis. Radio Range Station to a point 25 miles NW of the Lone Rock, Wis. Radio Range Station.

✓ AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-1", dated June 18, 1947, (a) by correcting pages 95 and 97, to show that Coast Guard direction finder stations are inactive. Although CG radio communications stations listed are still in operation, direction finding service has been temporarily discontinued. (b) by amending HF/DF network listing by showing CAA direction finder at Pittsburgh, Pa. in operation. (c) by correcting pages 27 and 39, to show Brandywine radio range, as published in Vol. 2, No. 4 of Airman's Guide and subsequent issues. (d) by disregarding notice published in FO List No. 88 that Clinton County AAF GCA should be listed as transmitting on 4496 kcs. Notice appearing in List #94 with heading of Medford AAF, Calif. referred to above station. (e) by correcting page 106, GCA, so as to show Clinton Co. AAF, Ohio, transmitting on 4495 kcs. in addition to other frequencies listed, (f) by correcting pages 101, Sedalia AAF, Mo., so as to delete AACS Plan 62. Permanently discontinued. (g) by correcting page 50, so as to show Radio Range Station Class for Myrtle Beach, S.C., as BMRAZ. Bearing to field from range 69° mag. to runwy #7 in place of runwy #8. (h) by correcting page 110, Special Notices, Standard VHF Crystallization, AAF Aircraft Receivers, so as to show Channel H on 134.10 mcs. (i) by correcting page 106, Army GCA, Westover Field, Mass., as follows: Frequencies: Transmits: VHF, 116.1 mcs., HF, 3117.5 kcs. Receives: VHF, 116.1 mcs., 1500 to 18000 kcs, 200 to 400 kcs. Remarks: Cont. during IFR; 30 min. notice other times. (j) by correcting page 106, Army GCA, Andrews Field, Md. as follows: Frequencies: Transmits: VHF, 116.1 mcs, HF, 3117.5 kcs.; Receives: VHF, 116.1 mcs., 1500 to 18000 kcs, 3105, 4495, 6210 kcs. Remarks: Guards 116.1; cont. during IFR; 0600-1700 daily, and on 30 min. notice other times.

WEATHER REPORTING SERVICE

Weather Reporting Location	Type of Report	Lat., Long.	Elevation	Action Taken
Point-Adams, Ore.	Supp. Weather			Closed
Willipa Bay, Wash.	Supp. Weather			Closed
Grays Harbor, Wash.	Supp. Weather			Closed
Auburn, Calif. (Int.)	Hourly			Discont. 6-25-47
San Pedro, Calif. (Term. Isl. NAS)	Hourly			Closed
Baker, Ore.	6-Hourly			Closed
Carbondale, Ill.	6-Hourly			Closed
Eau Claire, Wis., Arpt.	Supp. Weather	44-52,91-29	885'	Established
Mt. Vernon, Ill.	6-Hourly	38-20,88-52	463'	Established
Banana River, Fla. (NAS)	SW, Pibal, Raob			Closed
Topeka, Kans.	Hourly			Closed
Snow Hill, Md.	3-Hourly			Discontinued
San Nicolas Island, Calif.	SW	33-15,119-31	893'	Begun
Gallup, N.M. (Gallup City Arpt)	SW	35-31,108-47	6500'	Established
Valle , Ariz. (Valle Arpt)	SW	35-39,112-10	5990'	Established
Longview, Tex. (Gregg Co.)	SW	32-24,94-43	365'	Established

NOTE: Airway terminal forecasts inaugurated for Longview, Tex. and Wilkes-Barre (Avoca), Pa. (Wilkes-Barre-Scranton Airport). Airway terminal forecasts now available for Bozeman, Mont.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage

in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with two-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and CAR Digest of Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons, indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Volume 2, No. 1, dated July 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the "Airman's Guide"

UNITED KINGDOM MILITARY AIR BASE USAGE: The following United Kingdom military air bases are available to civil air carriers of only U.S. and United Kingdom and to aircraft which were purchased in either the United States or the United Kingdom and are in ferry status: (a) For regular use: Kindley Field, Bermuda; Beane Field, St. Lucia; Coolidge Field, Antigua; and Atkinson Field, British Guiana; (b) For alternate use: Waller Field, Trinidad; Vernam Field, Jamaica; and Carlsen Field, Trinidad. Even though the above fields are open to civil air carriers and ferry status planes it is mandatory that the operators of such aircraft secure approval for use of these military air bases from Headquarters, AAF, Washington, D.C., prior to the departure of each flight or series of flights.

CAUTION ADVISED IN USE OF GUATEMALA-HONDURAS AREA AERONAUTICAL CHART: Flight checks have revealed that elevations indicated on Gulf of Fonseca (710) Aeronautical Chart covering the Guatemala-Honduras-Nicaragua Area, dated December 1946, are as much as 4300 feet too low. This chart base is being thoroughly rechecked and a new chart will be issued as soon as possible.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of international notams to Service A circuits by WSY New York was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria; WSY New York; EIP Shannon, FKO Paris; NHY Port Lyautey. Inter-island radioteletype link CSY Santa Maria to WYQY Lagnes will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures.

NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, San Juan NAS, Trinidad NAS, Guantanamo NAS guard 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

LORAN RATE RELOCATED: "Frederick Dahl Loran Rate 1L4" shifted to new operations building June 23, 1947. This change involved new antennas, Transmitter, times, and transmission lines. A Loran System error may develop.

AFRICA-Casablanca, Africa: The following established circuits are now in operation at CNO Casablanca Aeronautical communication station: CSZ Lisbon, FXW Bordeau, FOO Paris, CNC Tangier, CNS Gaercife, CNA Fez, CNV Oujda, CNU Meknes, FOR Oran, FNA Algiers, CNN Taza, CNZ Fort Trinquet, CNY Tindouf, CND Agadir, CNX Marrekech, FOK Dakar. Landline teletype to FFAG Algiers and CNPL Port Lyautey. Guards Route C radiotelegraph frequencies 3248, 6563, 8538, and 12776 kcs. Additional air ground guards 333, 336, 6510, 4195 kcs. Radio range and beacon identification "KR", 222 and 403 kcs. respectively. Tower voice VHF 116.1 mcs. and 6440 kcs.

Dakar, Africa: Effective May 15, 1947, Overseas Foreign Aeronautical Communications Station WFG, YOFF Airport, Dakar FWA, will be combined with FOK under call sign FOK. Following CAA circuits will be operated and supervised by French Nationals: A/G 3285, 6563 kcs. cont., 11319 kcs. daylight hours, point-to-point circuits, FOK/WFH Port Lyautey, FOK/ELPA Roberts Field, FOK/ZVJ Recife, FOK/ZNT Accra. Following principal circuits operation and supervision French Nationals: Point-to-point, FOK with following stations, CNB Casablanca, X 08 Natal, FOO Paris, FGS Abidjan, FNA Algiers, FSP Port Etienne, FMW Port Au France, FHK Amsterdam. Yoff Tower, range and beacon operation and supervision French Nationals, frequencies unchanged.

Dakar Weather Broadcast: Effective 0820Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3289 kcs., A1 emission.

Port Lyautey Communications: Effective June 11, 1947, circuit operations NHY Port Lyautey to FOK Dakar and CSZ Lisbon were transferred to station CNO Casablanca. Following civil circuit functions remain in operation NHY Port Lyautey: Circuit 207T Port Lyautey-Santa Maria. Circuit 224 Port Lyautey-Roberts Field, Liberia. 24 hour landline teletype operations connecting NHY Port Lyautey and CNO Casablanca facilitates E and W traffic movements via 207T. Port Lyautey maintains continuous civil air ground guards 3285, 6563 kcs, 11319 kcs. from 0700 until 2200 GCT. Additional civil air ground guards 8554, 6543, 6523 kcs. upon request.

AZORES-Fayal-Radio: Radio beacon call sign CTN. Operates on 333 kcs. days and on req. Air to ground call sign CTN for emergency use only on 6563 and 6577 kcs.

Florez-Radio: Radio Beacon call sign CF operates from 00 to 05, from 20 to 25 and from 40 to 45. Reliable for Homing.

Lagens-Radio: Tower operating on 116.1, 126.18 mcs. and 2834, 2993 kcs. for continuous transmitting and receiving. Tower on 4220 kcs. for emerg. and on 5000 kcs on req. GP range on 341 kcs in cont. operation with legs of 343° and 163° mag. reliable for instrument letdowns if caution is used. DK radio range on 288 kcs on cont. operation with legs of 343° and 163° mag., reliable for instrument letdowns if caution is used. Z markers are operating on both ranges. Racon beacon inoperative until further notice. SCS-51 operates cont. between 1730 and 0900Z and on 30 min. req. thereafter on channel Y for runway 16 and channel X for rnwy 34 if no glide path operating on channel Y. Localizers not modified in accordance with Technical Order 16-1-62. Long range DF on 6563

kcs day and night transmitting and receiving and receives fixing signal on 6210 kcs call sign is CSE9. Shore range DF call sign CSE7 on 4575 kcs operating on req. from Lagens tower or CSY at Santa Maria. GCA operates on one hour request on all voice frequencies. Field: Crews inbound to Lagens will be cautioned of high terrain on E and W sides of rnwy 34. Due to repairs being made on 2700' on the N end of rnwys 16/34, no GCA landing will be made on rnwy 16 until further notice.

Santa Ana-Radio: Radio Beacon call sign BB7 operates cont. on 308 kcs.

Santa Maria-Radio: Tower transmits and receives on 116.8 and 126.18 mcs and 2934 kcs. Tower transmits on 278 kcs. and guards 6440 kcs. Radio range operates cont. on 249 kcs. Call sign WY. Radio Beacon operates on 329 kcs, call sign WY. No Z marker on WY range. SCS-51 localizer on channel X on rnwy 19 operates cont. Glide path has resumed operation. Localizer not modified in accordance with T.O. on 6-1-62. Santa Airways operates on 3993 kcs cont. and on 4220 kcs in emerg. Air to ground call sign CSY operates cont. on 6563, 12776, 3248, and 8538 kcs on CW. CSY is ICAO control center for the Azores. All letdowns are to be made on the N and S legs of the WY range.

BELGIUM-Brussels: ONBU reports as from July 1, 1947, the Queen Code ICAO document 2560 will be used by all the Belgian Stations.

BRITISH HONDURAS-Belize, Landing of Private Aircraft: Aircraft intending to land at Belize Airport or on the Belize waterfront should give the Director of Aviation, Belize, British Honduras, at least 4 hours' advance notice of their intended arrival. Flight plans may be filed for transmission to Belize between the hours of 1400Z and 2400Z through MIAMI CAA-operated overseas foreign aeronautical communications stn.

BRITISH WEST INDIES-Kingston, Jamaica-Montego Bay Airport: Montego Bay Arpt. is a British-controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Station - call letters MRX. Flight plans also must be filed for all flights departing from U.S. for Montego Bay. They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communications Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica-Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105, 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file Flight Plans from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control. The route frequency of 6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA-operated Overseas Foreign Aeronautical Communications Station, SBR, Miami.

Trinidad NAS: Effective June 16, 1947, Navy Squadron commenced conducting aerial gunnery from 1300Z to 2000Z daily except Sat. and Sun. until further notice. Surface craft and aircraft remain clear of area 10° N, 60°45' W, 10°30', 60°45', 10° N, 60° W, 10°30', 60°. The marine radiobeacon at Trinidad was discontinued July 10, 1947.

CANADA-Blissville-Radio: Stn now gds 3105, 3117.5,4495,6210 kcs. (7-1)

Cartierville, P.Q.-Radio: Twr now operates 0700-2100E. (7-1)

Fort William, Ont.-Radio: NW and SE courses of range realigned to 332° N and 136° N. (7-1)

Lethbridge, Alta.: Correct elev of Lethbridge Airport is 3030'. (7-1)

Moncton, N.B.: Effective July 15, 1947, the following changes apply to air ground services offered by stations CYA Moncton: Moncton CYA will maintain standby watch only on freqs. 6563, 6577, 8538, 11319 kcs. from 1300 to 2000Z daily and on 3248, 3285, 6563, 6577 kcs from 2000Z to 1300Z daily and will transmit on above frequencies only: (a) when called by aircraft; (b) on request OATC CFMO; (c) on request VOAC Vega.

Montreal, P.Q.-Dorval: Effective July 15, 1947, the following changes apply to air ground services offered by station CYB Dorval: Dorval CYB will maintain cont. watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs. only.

Prince George, B.C.-Radio: SE range course realigned to 327° A. (7-1)

Sarnia, Ont.-Radio: Stn now operates cont. (7-1)

Sioux Lookout, Ont.-Radio: SE range course realigned to 312° A. (7-1)

The Pas, Man.-Radio: Stn now gds 3105, 4495, 6210 kcs. (7-1)

Toronto, Ont.-Radio: NW rng course realigned to 142° N. (7-1)

Vancouver, B.C.-Radio: Stn discont. transmitting on 116.1 mcs. (7-1)

Vermilion, Alta.-Radio: Stn now gds 3105, 3117.5, 6210 kcs. (7-1)

Wiarton, Ont.-Radio: Rng without voice comm. at lat. 44-42-15 N, 81-10-30 W Var. 7° W. Class: RAW. Rdo call "VFCF". Ident. "VV". Courses 148N, 235A, 322N,52A. Freq. 326 kcs. Bear. and dist. 53°, 4.5 mi. Arpt. elev. 729'. (7-1)

CUBA-Havana, Rancho Boyeros Airport: Effective May 19, 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file a flight plan prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type; route of flight, time of flight departure, time of minutes, altitude, CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230 92/60N KW. For trial period and until further advised all flight plans except Expreso and those presently using PAA communications facilities may be forwarded through WBR addressed to OAHAV at no charge.

GREECE-Hassani Airport, Athens, Greece Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this station.

LABRADOR-Goose-Radio: DF stn coordinates: 53-20N, 60-25W. Var. 35° W Rdo call now "VOAV". Rcvg watch on 11319 kcs discont. (7-1)

Goose Bay: Effective July 15, 1947, the following changes apply to air ground services offered by station VOAV Goose Bay: Goose Bay VOAV will maintain cont. watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs., but with frequencies 3285,6577 kcs (receive and transmit) available on request.

Gore Bay-Radio: Rng without voice comm at lat 45-55-30N, long. 82-36-45W. Var. 6° W. Class: RAW. Rdo call ' VFBH". Ident. "ZE". Courses: 250A, 338N, 60A,121N. Freq. 245 kcs. Bear. and dist., 145°, 4.2 mi. Opers on req. Arpt. elev. 637'. (7-1)

MEXICO-Mexican Entry Fees: At Mexican Airports of Entry, charges include an overtime fee of 30 pesos after 12 noon for Immigration Inspection and a fee based on a full day's wage for each inspector involved for each 3 hours of overtime or fraction thereof after 2 p.m. for a Customs Inspection. Charges may also be made for a Customs guard to watch the plane and for the taxi fare to bring inspectors to the field after 12 noon. In American money total fees may approximate $15 to $20.

NEWFOUNDLAND-Military and Naval Landings: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

Gander: Gander Metar weather broadcast now in operation on 363 and 5410 kc. simultaneously at hour plus 20 min. and hour plus 50 min. Reception reports on 5410 kc. requested. Effective immediately the dewpoint will be added as a remark at the end of the Metar for Gander, Stephenville, Sydney, and Moncton broadcast by VOAC on 5410 and 363 kcs. at hour plus 20 and hour plus 50. Example: D.P. 47. Tele VOGA.

Torbay Airport: Torbay Airport open to traffic between hours of 1030Z and 0230Z. No acft will be dispatched to arrive at Torbay between hours of 0230Z and 1030Z. No traffic will be available between landing and take off minimums of 1930Z and 1030Z. Landings and take offs minimums as published in ATLD Amendment No. 16 "Mile visibility, take off night 500' 1 mi. visibility, landing day 800' 1 mi. visibility, landing night 800' 3 mi. visibility",

PACIFIC OCEAN-Weather Station Communications: Effective July 1, 1947, Pacific Ocean Weather Station FOX discontinued use of 4220 kcs for voice communications with trans-Pacific aircraft and substituted 5165 kcs for this purpose. The following paragraphs of SOP-1-A should be changed in accordance with the above: Section IV: 4 (a); 4 (b); 5 (a) (5); 5 (b); 5 (c) (1); 7 (a).

Pacific ICAO Procedures: International Civil Aviation Organization Airway Traffic Control and Communication Procedures will be placed into effect in the Eastern Pacific effective August 1, 1947.

PUERTO RICO-Caguas: Radio antenna tower under construction unlgtd until further notice. Height 150' located one and one quarter miles N of Caguas at lat. 18-15-20 N, long 66-1-53 W.

Isla Grande Airport (San Juan)-Designated an Airport of Entry (7-2)

Losey Field (Ponce): E/W rnwy under repair. Caution - men and equip. on fld. (7-16)

Mayguez Airport: Caution - do not use taxi strip W of Terminal Bldg until further notice. Men and equipment on fld. (7-17)

San Juan Seadrome Landing Lights: Effective June 9, 1947, the seadrome landing lights were discontinued and the landing light buoys were removed from the bay of San Juan at the San Juan NAS.

San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. NAS), Isla Grande Airport, San Juan - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947. Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, P.R. Cable address is "Autoritan".

San Juan NAS: Effective June 21, 1947, repairs to runway were completed. Runway was restored to normal length of 5330'.

URUGUAY-National Airport, Carrasco: Effective June 15, 1947, Air Traffic Control Tower at National Airport, Carrasco discontinued its frequency of 2870 kcs., and new frequency of 278 kcs. was commissioned. (6-3)

DOMESTIC DATA

ALABAMA: ALA-TENN-GA ARPT (BRIDGEPORT)-Ctn in wet weather. (5-22)
ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)
ALLENPORT ARPT (MONTGOMERY)-Muddy after rains. Use with ctn. (5-22)
ANDALUSIA ARPT-Bare in spots. Ctn in wet weather. (5-22)
ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)
ATHENS ARPT-Ctn in wet weather. (5-22)
ATMORE FLYING SERVICE-1800' strip muddy when wet. (7-18)
ATMORE INT, SITE 16, NO-AG-Emerg. use only. (5-22)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (5-6)
BATES FLD (MOBILE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-18)
BEAVER DAM FLD (DECATUR)-Soft after rainy weather. (5-22)
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr. Landing on sod areas approved by twr in dry weather, unsafe in wet weather. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. Tetrahedron wind indicator lctd E end E/W rnwy to be discont soon. (7-1)
BOYKIN FLD (DEMOPOLIS)-Cattle on fld. (5-22)
BREWTON ARPT, new-Cattle on fld. (5-22)
BROOKLEY FLD (MOBILE)-RADIO: AACS oper HF/DF stn temp suspended. (4-24)
FLD: Soft-use rnwys, taxi strips only. (4-23)
CENTRAL PARK ARPT (BIRMINGHAM)-Avail. lgt acft in all weather. (5-22)
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)
CHASTAIN'S ARPT (PRICHARD)-Soft after rains. Shallow dip near center of E/W strip. (5-22)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (5-29)
CULLMAN ARPT-Soft in wet weather. (5-22)
DAVENPORT ARPT (FT PAYNE)-Muddy in wet weather. S end rough. (5-22)
DOTHAN-RADIO: Soon, NW and SE courses will be realigned to 143° and 323°. (7-8)
EUTAW ARPT-Use NW/SE strip only. (4-17)
FAYETTE ARPT-Avail. only lgt acft during wet weather. Trees and fone line at W end. (5-22)
FLINT CREEK ARPT (DECATUR)-Soft after rainy weather. (5-22)
**GADSDEN ARPT-Formerly carried under Attalla (4-23). See page 116.
GAINESVILLE INT, SITE 55, FV-AG-Emerg. use only. (5-22)
GOODYEAR FLD (GADSDEN)-Soft in wet weather. Safe for lgt acft-land with ctn. (5-22)
GRAGG FLD, SITE 27, PS-TM (CLANTON)-Ctn in wet weather. (5-22)
GREENVILLE ARPT, SITE 24, NO-AG-Soft after rains around arpt circle on N/S strip. (5-22)
**GUNTER FLD (MONTGOMERY)-Bcn oper from dark to midngt. (7-11)
Closed to all trans acft. Use Maxwell Field. (6-24)
GUNTERSVILLE DAN ARPT-Soft spots at ends. (5-22)
HARTSELLE ARPT-Use W side fld. Avoid E side. E half of strip has small depressions extending from S end for approx 600' toward the N. Small area at SW portion fld soft after rains. (5-22)
ALABAMA: HUNTSVILLE ARPT-Sod strip rough at rnwy crossings. Ngt approaches use ctn-hills NE, S, E. (4-29)
JACKSON FLD (LIVINGSTON)-Rolling and slightly rough. Soft spots along N side at SW end. (5-22)
LEGION FLD (MONROEVILLE)-Do not confuse gold course fairways with landing strips. (5-22)
LUVERNE ARPT-Ctn in wet weather. (5-22)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi. S looks like arpt and lgts give impression of parallel rnwys. (10-17)
McKEE FLD (JACKSON)-Soft after rains. Not licensed. Use at own risk. (5-22)
MOTON FLD (TUSKEGEE)-Use with ctn in wet weather. Soft and rutted spots along E side. (5-22)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. (7-3)
NORMAN BRIDGE ARPT (MONTGOMERY)-Muddy after rains, but not soft. (5-22)
NORTH SAUTY BASE (SCOTTSBORO)-SSE end soft in wet weather. (5-22)
OAK ARPT (FOLEY)-W end E/W, N end N/S strips soft in wet weather. (5-22)
ONEONTA ARPT-N 800' strip wet, soft and rough. Unserviceable in wet weather. (4-29)
PRYOR FLD (DECATUR)-Rough spots around wind sock, mrkd. (5-22)
ROBERTS FLD (BIRMINGHAM)-S side fld avail. during wet weather. (5-22)
RUSSELL FLD (ALEXANDER CITY)-Washes on S edge near W end E/W strip, mrkd. (5-22)
SCOTTSBORO FLYING SERVICE-Soft in extremely wet weather. Rough spots on SE corner. (5-22)
STROTHER FLD (GASTONBURG)-PRIVATE. Cattle on fld. (5-22)
TALLADEGA ARPT-N 700' N/S strip soft in wet weather. (5-22)
VALLEY AIR SERVICE (LANETT)-Soft after rains. (5-22)
VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Heavy acft avoid extreme NW and SW corners of fld after heavy rains. (6-3)
WALKER CO. ARPT (JASPER)-Land inside of bndry mrkrs. Avoid new landing strip now being graded. (5-22)
WEEDON FLD (EUFAULA)-Trees in W approach. (5-22)
WINFIELD ARPT-In wet weather avoid S end N/S strip-soft. (5-22)
WOOD-DEARING ARPT (RUSSELLVILLE)-Muddy in wet weather; safe for lgt acft, but land with ctn. (5-22)
ARIZONA: ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous-grass, hills. (3-4)
**CASA GRANDE FLD AUX #4-Lat. 32-57-00, long. 111-45-45. See page 102.
★COCHISE-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (7-10)
DAVIS MONTHAN FLD (TUCSON)-E fld closed-acft parked on rnwys. Blinding ceilometer W end fld between ends of NW/SE, E/W rnwys. (6-17)
DEEP LAKE INT, SITE 54A, LA-AQ-Avail. emerg. use only-soft. (3-4)
DOWNTOWN ARPT (TUCSON)-Rnwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd rnwy. All ngt training flights will operate S of arpt. (5-27)
**GILBERT FLD AUX. #1-Lat. 33-23-15, long. 111-40-00. See page 102.
**GOODYEAR FLD AUX #5-Lat. 33-13-45, long. 111-54-00. See page 102
HOLBROOK INT, SITE 51B, LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-Closed to all flying. No obst lgts atop Haulpai Mtn 8500' MSL, 11 mi. S. (7-3)
LAGUNA LANDING STRIP-Equip. on fld. Only N/S rnwy avail. (6-20)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from CO. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on 2nd hangar from N inop. Traffic direction indicator S end N/S rnwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved rnwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-5)
PHOENIX-Inst train. on Phoenix Range between 5500' and 9500'.
**RITTENHOUSE FLD AUX #2-Lat. 33-15-30, long. 111-31-45. See page 102.
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, etc. Heavy acft use rnwys in wet weather. (4-28)
SKY HARBOR ARPT (PHOENIX)-Local agt flying acft must be equipped with 2-way rdo. Equip. near Rnwy 12. Installation of ILS in progress off end of Rnwys 26 and 8. (5-25)

ARIZONA: **TEMPE ARPT-Lgtd 153' rdo twr for stn KARV erected 7 mi E (90°T) at lat. 33-25-00, long. 111-49-57. (6-17)
TEMPLE BAR ARPT-Unsafe (soft)(6-25)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft)
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs. advance notice in order that lgts may be turned on. (5-8)
WILLIAMS FLD (CHANDLER)-RADIO: Army range unreliable and to be used for training only. (6-3) FLD: Use rnwys only. Exten rnwy repair being conducted. All acft use ctn from 1200M Fri until 0800M Mon each week. (7-12)
★WINSLOW-RADIO: July 14, VARW fac comm and flgt-checked at lat. 35-03-29, long. 110-47-46. Freq. 108.7 mcs, ident. "WO". Visual courses: 21°, 201°; aural courses: 111°,291° Stn oper non-attended or without means of remote monitor. Voice fac will be added at a later date. These data rcvd too late for inclusion on charts and for ⓘ symbol.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed (flood damage). Equip. on fld days. (5-27)
YUMA CO. ARPT-Parking rstd to W side fld. Bndry lgts inop. (7-10)
[redacted]: BIGGERS ARPT-Use strips only-cattle on fld. (4-26)
★BLYTHEVILLE-RADIO: July 15, rng courses realigned to 45°, 119°, 225°, 299°. Flgt-checked July 18, courses correctly aligned.
EL DORADO-RADIO: Ctn - VHF rng unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD (EL DORADO)-Lgts avail. emerg. only. (1-10)
ERWIN FLD (NEWPORT)-Use rnwys only-cattle on fld. (4-26)
FORT SMITH ARPT-Taxi strips connecting E/W rnwy with Admin Bldg closed to all acft of 5000 lbs or more. W end NE/SW rnwy from intersection W closed, mrkd. Bndry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use rnwys only. (4-9)
HOT SPRINGS MEMORIAL FLD-Use ctn when landing and taking off. Soft sod in wet weather. (5-15)
JONESBORO ARPT-Use rnwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-25)
LITTLE ROCK-RADIO: Stn guards 3117.5 kcs 2300 to 0600
LUXORA INT, SITE 39, NO-LS-30' unlgtd pole line being erected S end N/S rnwy. (9-27)
MANILA ARPT-Use SW quarter of fld only. (4-26)
McGEHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use rnwys only-cattle on fld. (4-26)
PINE BLUFF-RADIO: Ctn - VHF rng unmonitored. (4-10)
**POCAHONTAS ARPT-New fld. Lat. 36-14-30, long. 90-56-45. (4-25). See page 88.
PRAIRIEVILLE ARPT (ALMYRA)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use rnwys only, fld soft and rough. (8-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use rnwys only-cattle on fld. Soft-heavy acft use ctn. (4-26)
**WALNUT RIDGE AAF-Formerly carried as Walnut Ridge Arpt. (4-25). See page 88
Acft parked all areas fld and ramp. Use rnwys only. Equip. on fld. Closed 1730 to 0800. NE/SW rnwy closed. (3-17)
[redacted]: ALAMEDA NAS-Maintain high approach on Rnwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on rnwys. Fld on positive control. (4-16)
★AUBURN-RADIO: Hourly weather reporting and teletype serv. discont. June 25th.
BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (7-8)
BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways. Rnwy 31 usable in all weather for acft up to 10,000 lbs. Taxiways should be used with ctn during winter months. When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave., but not lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (5-15)
BLYTHE AAF-Obst lgts stop control tower inop. (2-26)
BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flights between 0900 and 1600. (1-21)
BRAWLEY ARPT-Holes in extreme NW corner fld. (1-15)
BRESSON ARPT (BLYTHE)-Soft spot W side N/S strip. (5-30)
BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).

CALIFORNIA: **BURBANK-LOCKHEED AIR TERMINAL-New type 36" rot. beacon flashing green and white comm July 10th. Old type bcn discont. (7-11) Closed to all trans P-80 acft except on special projects for modification that stn. Right traffic Rnwys 7, 15; left traffic Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). No NG facs. (7-9)
CAL AERO ARPT (CHINO)-Use rnwys only-parked acft. (3-24)
**CALIMESA ARPT-New fld. Lat. 33-58-30, long. 117-03-00. (2-9). See page 98.
CAMARILLO-VENTURA CO. ARPT (OXNARD)-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)
CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)
CASTLE FLD (MERCED)-No opers office. (3-24)
CATALINA ARPT (AVALON)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)
CLEAR LAKE SEAPLANE BASE-Avail. emerg only. (6-11)
COALINGA ARPT-NW/SE rnwy closed until approx July 30. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (7-15)
COMMERCIAL ARPT (LOMPOC)-Strips unusable. (5-30)
COMPTON CENTRAL ARPT (COMPTON)-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)
CORCORAN-135' unlgtd twr being constr adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.
COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (3-27)
CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs)
DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for sto. Remain on rnwys unless in vcnty of bldgs N of intxn Rnwys 3,7. (3-13)
DEL MAR ARPT-Right traffic at 800' with prevailing westerly winds. (5-21)
DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)
★DONNER SUMMIT-RADIO: Soon, BMRL fac will be shut down for approx 10 days for const. Advisory voice on 111.1 mcs. Stn gds 3105,4495,6210,3117.5. Too late for data pg.& chart.
EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)
EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (5-22)
★FAIRFIELD-SUISUN AAF-RADIO: Glide path of Army ILS (SCS-51) lctd 1530' from approach end of rnwy, 3238' from center line of yellow side of lclzr beam. Bndry mrkr lctd 300' from approach end rnwy, keying steady tone. Middle mrkr lctd 4500' from approach end rnwy, keying six dots per second when used. Outer mrkr (Z mrkr of rdo rng) lctd 4.6 mi from approach end rnwy, keyed cont. (7-14) Army range unreliable, use for homing only. (6-5) AACS oper HF/DF stn temp suspended. (4-24)
FLD: First 1000' Rnwy 25 open to acft days and CFR oper only. (6-5)
FILLMORE ARPT-Private fld. Acft parked adj to strip. Expected to be open to public soon. (3-20)
**FULLERTON ARPT-Obst and port range lgts prior req. (2-13). Se page 138.
**FURNACE CREEK ARPT-Formerly carried as Death Valley National Monument (Furnace Creek)(2-28). See page 76. All traffic away from mountain side of strips regardless of wind (5-21)
GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)
GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop. (1-28)
HAMILTON FLD (SAN RAFAEL)-RADIO: AACS oper HF/DF stn temp suspended. (4-24)
FLD: Exten to Rnwy 12 closed except in emerg. (10-18)
HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above ground. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of airport manager at all times. (3-19)
HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Airport. (3-26)
HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)

CALIFORNIA: HOLTVILLE ARPT-Closed-emerg. use only.
HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the CO, NAS, Los Alamitos. (4-9)
HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)
HUMBOLDT CO. ARPT (EUREKA)-25' telephone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)
★INYOKERN-RADIO: July 2, ident. of Navy range changed to "NID".
LINDBERGH FLD (SAN DIEGO)-Right traffic Rnwys 27 and 31, left traffic Rnwys 9 and 13. (6-19)
LIVERMORE NAS-Avail. emerg. use only. (10-1)
LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)
LOCKHEED AIR TERMINAL-See Burbank.
LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (3-20) FLD: Limited maintenance and fuel supply Army acft. (6-9)
LOS ALAMITOS NAS (LONG BEACH)-Closed 1630 to 0800 except in emergency or by prior arrangement. (4-9)
LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl Area from 2000 to 2300. (7-2 6)
LOS ANGELES ARPT-Caution approach to Runway 29 - two 25' poles at airport boundary within this approach zone, unmarked, unlighted. Parked acft within approach zone to and parallel with S side Rnwy 29, Unlighted oil derricks on approach to Rnwy 34. E/W paved strip S side fld available taxiing only. All landings, take-offs and taxiing restricted to paved areas. Runway 4-22 closed. Unlighted 40' pole 350' S of tower. (7-2)
LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be available on shore notice due to congestion in anchorage area. Two hours advance notice should be given if possible. (7-1)
MACHADO AIRPORT (SANTA MARIA)-Use strips only. (2-23)
MARCH FLD (RIVERSIDE)-RADIO: AACS oper HF/DF stn temporarily suspended. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)
MARTINEZ ARPK-Unusable during rainy weather. (5-26)
MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)
McCLELLAN FIELD (SACRAMENTO)-Rnwy 4-22 closed (parked acft). Equipment and parked acft adjacent all runways and taxiways. Shoulders, unsurfaced areas unsafe. (4-23)
MERCED MUNICIPAL AIRPORT-Daylight operation of beacon is to warn local and trans. aircraft of approaching airline aircraft. Ctc, approach lgts inop. (6-24)
MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil aircraft except in emergency or by approval of the Commanding Officer, Naval Air Station, Los Alamitos. (4-9)
**MIRAMAR NAAS (SAN DIEGO)-Formerly carried as Miramar MCAS (7-2). See page 98.
MODESTO ARPT-Range lgts being installed across rnwy ends. Const and soft spots, mrkd. (3-26)
**MOFFETT NAS LTA-HTA (MOUNTAIN VIEW)-Hi-intensity approach and rnwy lgts avail. (6-17). See page 74. Fld on positive control. Multi-engine acft above JRB class use Rnwy 14L-32R only, except in emerg. N connecting taxiway closed to all traffic. (6-17)
MOJAVE NAS-Closed to all aircraft except on official bus. (5-21)
MONACHE MEADOW LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn.) (5-30)
MONTEREY PENINSULA AIRPORT-Right traffic Rnwys 24, 28; left Rnwys 6, 10. (5-20)
**MOUNTAIN VIEW ARPT (PORTERVILLE)-New fld. Lat. 36-03-15, long. 119-02-30. (10-15) See page 76.
★MOUNT LAGUNA)-RADIO: July 15, frequency of MH facility changed to 382 kilocycles. (7-1)
MUROC AAF-RADIO: Army range unreliable, to be used for homing and training only. (6-9) FLD: Lctd within a danger area. No facs 1900 to 0700 or Sundays. Closed to all transient aircraft except on written permission Commanding General, Air Materiel Command. Aircraft will not carry transient passengers to this fld. (3-7)
NEEDLES ARPT-Wind cone inop. (6-21)

NEWHALL INT, SITE 3A, LA-SF-No fuel. (5-30)
OAKLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.7 mcs for mobile ground traffic. (7-2) FLD: Rock surface area adjacent to Rnwy 27R available small aircraft. Adhere to instructions issued by twr. Maintenance facs available 0800 to 1800. Closed to acft not equipped with two-way rdo except acft may land for repairs or fuel without radio on permission from airport superintendent. Rnwy 6-24 avail. lgt acft on ly. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W taxiways and parking apron sealing expansion joints. Heavy acft use rnwys, taxi strips only. Airport channel unmarked day, ngt. (5-13)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxiing only, muddy when wet. (5-19)
**ONTARIO INTERNATIONAL ARPT-Formerly carried as Ontario Arpt (1-18). See page 138.
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)
PALM SPRINGS ARPT-Right traffic, all take offs and landings on Rnwys 31, 35. Rnwys 13, 17 usual left. (5-17)
PLUMAS CO. ARPT (BECKWOURTH)-Use rnwys, taxi strips only-turf rough. (6-2)
**PUMPKIN CENTER ARPK (BAKERSFIELD)-New fld. Lat. 35-16-15, long. 119-02-15. (10-14). See page 74.
REDWOOD FLD (ARCATA)-RADIO: Effective June 26, ILS at Landing Aids Experimental Station will be inoperative 0800 to 1700 Mon. thru Fri. until July 26. Cont. oper. at other times and avail. on 30 mins notice IFR during above hrs. (6-26) FLD: Closed to acft without 2-way radio. Use surfaced areas only. (3-25)
SACRAMENTO AIRPORT-Use rnwys, taxi strips only - shoulders and fld soft. Unsafe small acft-rough. (2-21)
SAN CLEMENTE ISLAND OLF-Closed except in emerg. (6-3)
SAN DIEGO-Night fighter training being conducted within the following described areas: (a) A sector of a circle with radius of 40 miles centered at latitude 32-54-30, longitude 117-07-24 extending clockwise between latitude 32-20-00, longitude 117-03-20, and latitude 33-18-20, longitude 117-37-30, excluding those portions which lie within the confines of civil airways and S of the United States-Mexico Boundary. (b) A sector of a circle with radius of 40 miles centered at latitude 32-54-30, longitude 117-07-24 extending clockwise between latitude 33-23-30, longitude 117-29-30 and latitude 32-50-30, longitude 116-26-30, excluding those portions which lie within the confines of civil airways.
★SAN DIEGO NAS-RADIO: Navy tower call is "NORTH ISLAND TOWER". FLD: Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing through Point Love (black and orange checkered floating pyramid) unless directed by tower. Point Love (black and orange checkered floating pyramid) is lctd 1-1/2 mi S of Hotel Del Coronado. Aircraft crossing air traffic lanes at North Island must be above 1500'. Aircraft will not fly over Coronado or Amphibous Train. Base at an altitude of less than 1500'. Multi-engine aircraft land on heavy duty rnwys, single-engine acft on asphalt mat. (6-3)
★SAN FRANCISCO-RADIO: Effective July 1st, Overseas Foreign Aeronautical Communications Station KSF discontinued use of voice frequency 4220 kcs send-receive and activated in its place voice frequency 5165 kcs send-receive Pilots radiotelephone service at KSF radio San Francisco maintained on VHF 116.1 mcs and 5165 kcs. Pilots radiotelephone service on 2870 kilocycles send-receive will continue to be maintained for seaplanes only.

[redacted]:SAN FRANCISCO ARPT:-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic.(6-3),About Aug.1, CAA ILS will be comm serving E/W rnwy with approach from E. Lclzr freq 109.5 mcs with ident "SF", transmitter lctd 220' from W end E/W rnwy. Glide path freq 332.6 mcs, transmitter lctd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be lctd 6.6 mi from E end E/W rnwy, keyed 2 dashes per sec, inner mrkr will be lctd 4550' from E end E/W rnwy, keyed alt. dots and dashes. No bndry mrkr. Will oper cont. (5-14) FLD: Avoid rnwy, taxiway shoulders. Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 2000' Rnwy 10-28 closed for landing acft days only. (6-2)

SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmarked day or ngt. Facs avail., but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)

SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)

SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status - no facs).

SANTA BARBARA ARPT-Equip. on fld. Closed to glider opers. (6-14)

★SANTA MONICA ARPT-CLOVER FLD-RADIO: Cl twr oper 0730 to 2000.(7-22). Too late for data page. FLD: Avail trans. acft with 2-way rdo. Clzd ngts and to all student pilots. (5-6)

SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Approx 1/3 of the main strip has been gravelled and should be used during the winter months. Medium and large acft avoid during the spring thaw. (5-26)

SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed. Equip. adj to NNE/SSW strip. (5-6)

SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)

STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)

SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No communications at landing strip. (12-5)

TEMPLETON MEADOW FLD (OLANCHA)-Unusable. (5-30)

TERMINAL ISLAND NAS (SAN PEDRO)-Bcn will be discont soon. (6-28)

••TRI-CITY ARPT (SAN BERNARDINO)-Rng, apron flood and obst lgts on req. (1-9) See page 98.

TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)

TUNNEL LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn. (5-30)

VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without rdo may enter providing previous arrangements have been made with twr. (12-5)

••VERNALIS ARPT-Inactive (7-2) See page 74.

VICTORVILLE AAF-Use Rnwys 16L-34R, 7R-25L, 3R-21L only. (5-13)

VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-25)

WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)

••YUCAIPA ARPT-New fld. Lat 34-00-00, long. 117-01-30. (2-9) See page 98.

[redacted]:BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop. (4-7) FLD: No lgts, messing, transportation or lodging facs. (4-5)

CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)

FLAGLER ARPT-Avail. ski-equipped acft after heavy snow. (2-19)

FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)

LOWRY FLD (DENVER)-Equip. on fld 0800 to 1700, Mon thru Fri. (4-11)

••PINE VALLEY ARPT (COLORADO SPRINGS)-Lgtd 148' rdo twr for stn KHGF erected 6.7 mi E (100° true) at lat 38-57-25, long. 104-41-25. (6-26) All rnwys avail. between mrkrs only. Use rnwys only. (6-13)

PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 38-17-28; S by lat 38-16-19; W by long. 104-18-38; E by long. 104-17-40.

PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. Two 300' twrs Rdo Stn KCSJ erected, but not comm, lctd 5 mi NE (40° true). (7-17)

••[redacted]PUEBLO AAB-Lgtd 205' twr for stn KHHF erected 4.0 N (6° true) at lat 38-20-50, long. 104-29-24. (6-26)

RIFLE ARPT-Strips under const. In emerg use the extreme N side of the E/W strip. Grade stakes on strip. (1-17)

ROYAL GORGE ARPT (CANNON CITY)-Do not land to theS (fone lines). (5-14)

RUSTON FLD (DENVER)-Strips soft during wet weather. NE/SW strip closed. (6-6)

RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.

SALIDA ARPT-Landings should ordinarily be made to the W and take-offs to the E. (6-13)

SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8, 12, 18. Traffic controlled by tetrahedron. Avail. CFR oper days only. (6-13)

••TRINIDAD ARPT-Lgtd 265' rdo twr for stn KHGI erected 23.6 mi ENE (75° true) at lat 37-20-30, long. 103-55-20. (6-26) Strips avail. lgt acft. (2-21)

WALKER FLD (GRAND JUNCTION)-Heavy acft use rnwys only. (6-13)

[redacted]:BRAINARD FLD (HARTFORD)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: Equip. on fld intermittently. 300' bldg under const 1-1/2 mi NW fld bndry, close to NW leg Hartford Rng. Flood lgts N end N/S rnwy inop. Eleven street lgt poles erected W side fld, unlgtd. Lgts approx 12' below top of poles. (6-2)

BRIDGEPORT ARPT-Use rnwys only. Exten lcl traffic days. Acft landing without establishing rdo communs with twr must conform to lcl traffic pattern. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy toward twr immediately after landing. All acft without rdo communs with twr should determine proper rnwy and taxi route from twr or opers prior to taxiing. (6-10)

BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop. (4-21)

DANBURY-SPECIAL NOTICE: Danbury Fair Inc operating a search lgt at Danbury Speedways every Sat ngt thruout the summer season. (5-27)

HAMMONASSET FLYING FLD (MADISON)-Use NE/SW strip. E/W strip avail. in emerg only (bldgs, hedges on W bndry). (5-5)

HARTFORD-RADIO: Auto rng monitor, sys inop. (9-30)

KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)

NEW HAVEN ARPT-Avail. days only. Use rnwys only. No lcl take-offs or landings during airline arvls and dptrs when signalman stationed at approach end of rnwy being used, displaying red flag. (4-21)

SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-26)

STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip. and rough area mrkd, bal rnwy avail. lgt acft. (4-21)

TRUMBULL FLD (GROTON)-Water twr being const atop hill 1 mi NW. 107' derrick being used during const, unlgtd. (5-19)

WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)

DELAWARE:NEW CASTLE CO. ARPT-Use rnwys only. Equip. on fld days. (3-14)

DIST. OF COLUMBIA :SPECIAL NOTICE-The Administrator of Civil Aeronautics has designated the Mt. Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat 38-42-40, long. 77-05-30.

SPECIAL NOTICE-TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL ARPT, LAT 38-53-46, LONG. 77-08-05. (3-28)

ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of two hrs prior req of ETA. Boom const masts 100 to 150' high lctd 600 to 800' N of Rnwy 3-21, mrkd. (7-12)

BOLLING FLD (WASHINGTON)-Closed to all trans acft except on off. bus. and written orders. Trans acft will utilize Andrews Fld, Md instead. Rnwys 10-28, 14-32 closed. Rnwy 17-35 closed to acft when weather minimums below ctc flgt minimums. Rnwy 2-20 avail. (7-12)

WASHINGTON NATIONAL ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs. for mobile gnd traffic. Following inst landing minimums have been estab for all Army traffic except sched ATC flgts. Day and ngt: Form 8 white card holder 800' and 1 mi. Form 8A green card holder - 500' and 1 mi. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16) FLD: ARMY: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas

DIST OF COLUMBIA:flgts using customs and immigration clearance facs of aerial port of embarkation. (c) Flights transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Term Bldg N of Admin Bldg. NAVY: Closed to Navy acft except NATS. Use Anacostia NAS. In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. GENERAL: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of priv acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15). 315' twr Rdo Stn WOOK under const 7 mi NNE (10° true). (4-16)

FLORIDA: ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only -soft shoulders. Stacks 1/4 mi SW. Seawall being const E of fld. Equip. on fld. (7-9)

**ATHENA MUN ARPT-ABANDONED. (5-20)

AVIATION CENTER ARPT (LEESBURG)-Use rnwys only-sand soft. (5-22)

BANANA RIVER NAS-RADIO: Navy exper VHF rnwy lclzrs and various types of ILS oper intermittently, day, ngt. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission oper intermittently, day, ngt. (2-27) FLD: Open 0800 to 1700 for essential administrative traffic and emerg only. (6-27)

BANANA RIVER NAS SEAPLANE BASE-Closed to all acft. (6-27)

**BLOUNTSTOWN MUN ARPT-ABANDONED. (5-5)

BOCA RATON AAF-Closed to all trans mil acft except on off. bus. or in emerg. Port. floods avail. on 15 minutes notice. Stay on rnwys -shoulders soft. (6-9)

BRONSON FLD NAAS (PENSACOLA)-Inactive - no facs. (4-9)

**BRONSON MUN-ABANDONED. (5-21)

**BROOKSVILLE MUN-ABANDONED. (5-13)

BUNNELL ARPT-Cattle on fld. (5-19)

CANNON-MILLS ARPT (ORLANDO)-N, NE, NW, E use right traffic. S, SW, SE, W use left traffic. (5-27)

CEDAR KEYS ARPT-Use rnwys only. (5-19)

**CHALKS FLYING SERVICE SEAPLANE BASE (MIAMI)-Arpt of Entry. (7-2)

CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. Observe wind tee for traffic direction. Orange arm to right indicates right traffic. (6-24)

CITY AIR PARK ARPT (PANAMA CITY)-NE/SW strip under const. Not to be used except in extreme high wind (short, wires at NE end). (1-6)

**CRESTVIEW 21, NO-JX-Bcn, bndry, rng and obst lgts oper sunset to sunrise. (11-26) See page 130.

DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop. Unlgtd hangar N side fld. (5-7)

DAYTONA BEACH ARPT-Top lgt of 347' twr Rdo Stn WNDB, 2.5 mi NE (45° true) burning but not flash. (7-5)

DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)

**DR. PHILLIPS ARPT-ABANDONED. (5-22)

**DRANE FLD (LAKELAND)-Bcn, obst, and rnwy lgts avail. (7-9) See page 134.

DREW FLD (TAMPA)-Use rnwys only. Ditch, equip. along outer edges of N and S ramps, mrkd. Taxi strip between Rnwy 18-36 and N ramp 2200' from approach end Rnwy 18 closed. Avail. to rdo rcvr equipped acft tuned to twr freq. Equip. along both sides of first 2000' of Rnwy 18-36 days, and adj to Rnwy 32 between intersection of Rnwys 37, 26, mrkd ngts. First 3500' Rnwy 32 closed (ditch). (7-16)

EGLIN FLD (VALPARISO)-RADIO: Army ILS to be reactivated soon. (6-11) FLD: Acft approaching fld will enter area along right edge of S leg Crestview Rng. (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten const. (6-11)

ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)

**FELLSMERE MUN ARPT-ABANDONED. (5-22)

FORT LAUDERDALE ARPT-Const. Fifty acres being cleared, graded and paved at the E side of fld. Taxiway being const parallel to the NW/SE rnwy. NW/SE rnwy being extended at the SE end. (6-3)

FLORIDA:GILBERT FLD (WINTER HAVEN)-Use rnwys only. (4-17)

HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt ac only. Sinkhole 100' E of intersection filled with sand. Other rnwys and taxiways usable. (5-19)

**HOLOPAW MUN ARPT-ABANDONED. (5-22)

HOMESTEAD ARPT-RADIO: CAA port. ILS lclzr equip. installed approx 1000' from E end E/W rnwy. Glide path equip. 400' N and 1000' E of W end E, W rnwy. ILS flgt-checked and will be comm at a later date. (6-24) FLD: Landing fee all acft. (3-12)

**HOMOSASSA ARPT (CRYSTAL RIVER)-ABANDONED. (5-22)

IMMOKALEE INT, SITE 13, MM-TM-Use with ctn-spft. (6-25)

JACKSONVILLE ARPT NO. 1-Operating of private acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

**JACKSONVILLE MUN #3 (JACKSONVILLE)-Formerly Herlong Arpt (Jacksonville). (1-7)

JACKSONVILLE NAS-Transient seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. (5-22)

JASPER ARPT-Cattle on fld. (5-19)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwys. (5-22)

**LAKE PLACID MUN ARPT-ABANDONED. (5-22)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500' Prevailing wind E to SE. (1-22)

MacDILL FLD (TAMPA)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) Army GCA training fac oper. Mon thru Fri 0700 to 1700. (7-19) FLD: Rnwys 4-22, 13-31, 18-36 avail. GCA equip. 3000' from end Rnwy 22R, lgtd. Rnwy 4R-22L avail. acft under 50,000 lbs. Const. and equip on NE corner Rnwy 13-31 and taxiway. (7-8)

MASTER NAS (MIAMI)-Closed thirty minutes after sunset until 0700. Extreme caution - heavy traffic. Northernmost E/W rnwy closed (equip, parked acft). (1-8)

**McCRORY'S RANCH (NARCOSSEE)-ABANDONED. (5-22)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. Obst lgts atop old control twr inop. Line of unlgtd pwr poles 25' high, 500' NW of and parallel Rnwy 11 and extending 1000' beyond end of rnwy before making 90° turn N now in process of const. (7-17)

MIAMI-RADIO: Federal Communication Commission Fld Unit Direction Finding Aids inop (being relctd). (7-11)

MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-25) FLD: Domestic non-scheduled aircraft taxi to old Army Terminal Bldg SE side fld upon arrival and prior to departure and register with Ramp Supervisor. Scheduled air-carriers and international acft requiring immigration and customs service use 36th St. Terminal. Transient international pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts inop atop pole lines adj Seaboard Airline R. R. Shops between N and S fields. All acft landing on E, W or N/S rnwys maintain sufficient altitude to clear vehicular traffic on 36th St. and LeJeuene Road. No JP-1 fuel. Const in grass area between Terminal and W hangar ramps and E/W rnwy in N fld. Area mrkd and lgtd. New 80' control tower being erected approx 100' S of present twr bldg. (7-7)

[redacted]:MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of range Stn when passing Miami NAS. Stay clear of NW corner fld-fighter train. break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)
**MIDET SEAPLANE BASE (WEST PALM BEACH)-Arpt of Entry. (7-3)
MORRISON FLD (WEST PALM BEACH)-RADIO: Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W runwy, 400' S of centerline. Middle markr ident being changed to alt dots and dashes. (3-17) AACS oper HF/DF stn temp suspended. (4-24) FLD: Closed to all trans acft except on off. bus. or in emerg. (7-3)
ORLANDO-RADIO: July 28 to approx Aug 1, rng will be shut down for conversion to type SBMRLZ fac. (7-11)
**ORLANDO AAB-ARPT-Tetrahedron discont and removed from fld. Wind sock erected approx 200' due S of control tower. (7-9) Effective July 27, Runwy 17-35 will be closed for repairs for six days. (7-19)
ORLANDO AVIATION COUNTRY CLUB ARPT-Land to the N, take-off to the S. Pwr line N. (5-19)
PAGE FLD.(FT. MYERS)-NW/SE runwy lgts inop. (5-1)
**PENSACOLA ARPT-Moving of bldg. completed July 5. Navy line shack previously lctd next to brick hangar S side of fld now lctd adj admin bldg and CAA quarters on W side of fld.(7-5) Lgtd 195' rdo twr for State Hwy Patrol erected 3.5 mi SW at lat. 30-26-30,long 87-14-09.(6-11) Ext Navy train. thruout area.Join pattern at 500' left turn and circle.Use runwys only.Taxi to right on nearest avail.taxi strip.Opers and svcg lctd brick hangar.(4-29)
PENSACOLA NAS-CHEVALIER FLD-Avail. days only.Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring runwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (5-22)
PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Runwy 3-21 and S of Runwy 10-28 rough- use ctn when taxiing. Heavy acft use runwys. Equip. on fld days. (5-20)
PINELLAS CO. INTERNATIONAL ARPT (ST. PETERSBURG)-Lgt acft landing and taking off on sodded area directly S of fld. (6-30)
PUNTA GORDA MUN. ARPT-Usable emerg landings only. (5-29)
ST. AUGUSTINE ARPT-All lighting facs inop. (5-19)
**ST. CLOUD ARPT-ABANDONED. (5-22)
SAUFLEY NAAS (PENSACOLA)-Equip. on fld. (6-30)
**SEBRING AIR TERMINAL-Ctc, bndry, range, flood and obst lgts avail on req. Bcn not in oper. (7-14) See page 134.
STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)
SUNNY SOUTH ARPT (MIAMI)-Lgtd for student ngt flying. Closed to trans acft. (5-13)
TALLAHASSEE-RADIO: About July 28, rng freq will be changed to 379 kcs. (7-16)
TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intermittently days. (3-12)
TAYLOR FLD (OCALA)-Use runwys only. (1-23)
TITUSVILLE-COCOA ARPT-Use runwys, taxiways only (soft sand) (5-8)
TYNDALL FLD (PANAMA CITY)-RADIO: Army rng unreliable. (4-18)
**VENICE MUN ARPT-Runy lgts on req. (3-18) See page 134.
VERO BEACH ARPT-Crash facs not avail. on line. Runwys 11-29, 3L-21R, 7L-25R, 18-36 closed (repairs). (5-21)
WHITEHOUSE OLF (JACKSONVILLE)-Closed Sundays, used by model acft. Avail. in emg rg only. (4-9)
WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" slopping curb at edges all runwys. Tetrahedron indicates runwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)
[redacted]ALBANY ARPT-Use runwys only. (7-8)
**ATLANTA ARPT-RADIO: Middle compass ltr of CAA ILS temp inop. (6-27) FLD: Two rdo twrs lctd 1.1 NNE perm dismantled. (7-15) Const, equip. on fld intermittently. Use runwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. 25' lgtd bldg near N end N/S runwy. N portion of N/S runwy extending down to the E/W runwy obscured from twr and is closed to all traffic except acft with 2-way rdo in commun with twr. Pilots land at own discretion. (7-5)
ATLANTA NAS-Avail. sunrise to sunset. After sunset oper for landings only. No clearance [redacted]: or svcg. No fuel temp. (7-7)
BUSH FLD (AUGUSTA)-WAC planes parked entire fld off runwys. Use runwys only. (7-1)
CALLOWAY ARPT (LA GRANGE)-Heavy acft use runwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)
CAMILLA ARPT-Equip. on fld. (7-6)
CAMP STEWART AAF (HINESVILLE)-Cattle on fld. (12-17)
CARROLLTON ARPT-Equip. on fld. (5-12)
CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)
CIVIL AIR PATROL ARPT (WAYCROSS)-Use mowed strips only. (7-8)
COCHRAN FLD (MACON)-Use runwys, taxi stripe only. (12-5)
CORDELE ARPT-Use runwys only. (7-8)
DANIEL FLD (AUGUSTA)-Unlgtd embankment with fence and hwy at W end Runwy 28.(7-18)
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Runwy 23L. Approx 1200' of E end of E/W runwy not visible from twr. Hangar now obstructing view expected to be dismantled by approx Sept 23. Obst lgts atop bldgs in center of N ramp inop. (6-23)
JESUP ARPT-WNW 700' ESE/WNW strip under const. (7-8)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS)-RADIO: Army rng freq will be changed to 336 kcs. about July 28 FLD: MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use runwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Runwys 2,32. Right traffic Runwys 14,20,27; left traffic Runwys 2,9,32. (4-30)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
**LUNSFORD ARPT (MARIETTA)-Formerly carried as Clevenger's Arpk (Marietta). (7-8) See page 116.
MALCOLM-McKINNON ARPT (BRUNSWICK)-Equip. on fld days. Use runwys only. (7-8)
MARIETTA AAF-No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers bldg 200 yds N intersection Runwys 10 and 15. (5-19)
MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)
MUSCOGEE CO. ARPT (COLUMBUS)-Wind tee tied day and ngt when wind is 12 mph or less. Free swinging over 12 mph. (5-16)
**QUITMAN FLIGHT STRIP- Formerly carried as Whitman Flight Strip in error. (7-8) See page 132.
**REGINALD GRANT MEMORIAL ARPT (THOMASTON)-Lgtd 210' rdo twr for stn WSFT erected 3 mi N (360°true) at lat 32-53-29, long 84-20-30. (6-26)
ST. MARYS ARPT-Cattle on fld and runwys. Use runwys only. (7-8)
SAVANNAH-RADIO: SE course displaced 3° counter clockwise, bear. 330°. (7-10)
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOULTRIE)-Use runwys only. All over fld avail. lgt acft only in certain areas. Landing area N of runwys to be used only by pilots familiar with fld. Grass area adj to runwys closed (sloped for drainage). (4-8)
**THOMASVILLE MUN ARPT-Formerly carried as Thomasville AAF (7-8) See page 132.
**TURNER #1 ARPT (ALBANY)-ABANDONED. (7-8) See page 116.
TURNER FLD (ALBANY)-RADIO: Army air/gnd stn temp inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld.) (1-16)
**VALDOSTA ARPT-No flood lgts. (7-8) See page 132.
[redacted]:BOISE ARPK-Right traffic for NW landings and take-offs. (5-21)
BOISE AIR TERMINAL-Use runwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Runwy 10L with left approach or Runwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Runwy 10R-28L closed to all acft other than mil except for taxiing. Extreme ctn while taxiing thru this area. (6-2)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use runwys only. Soft spots on taxi strips. (2-22)
GOODING ARPT-Use strips only-sod unsafe (erosion.) (3-1)

IDAHO: GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings.(3-17)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO-RADIO: VORW rng comm for test purposes, not figt-checked, is unmonitored and should not be used for navigational purposes. (6-30)
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. Equip. on fld days. (6-3)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
**ST. ANTHONY ARPT-New rnwy lying diagonally from S end present rnwy to E of Hangar open for use. Old rnwy discont. (7-10)
TWIN FALLS ARPT-Use strips only. soft when wet. (2-21)
[illegible]: ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land within rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicated strips too soft for safe oper, green flag indicates strips in good condition, orange flag indicates Right traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. Inten training including weather, hood, and ngt between the hours of 0700 to 0100 daily. (6-24)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const.) (3-3)
CHICAGO-RADIO: Ctn- VORW rng unmonitored.
CHICAGO ARPT-RADIO: GCA temp inop. (6-16) FLD: Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22'' above grade on Rnwys 31L,36R,27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy Acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway. Ctn when taxiing. Ramp in front of new Terminal Bldg being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
**CHICAGO-ORCHARD ARPT-Approach lgt lane 14 neon lgts on standards 5' above gnd lctd 85' left of center line of rnwy 14 extending 1500' NW. FM operating cont. (7-17) See page 42. Landing fees same as Chicago Arpt. Trans acft register in city office S side fld. Glide path bldg 800' SE of NW end NW/SE rnwy 400' SW. Lclzr bldg 950' SE of SE end NW/SE rnwy. (6-4)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
**FASH FLD (ROANOKE)-Formerly carried as Phil-Larry Arpt (Roanoke).(6-20) See page 44.
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
JOHNSBURG ARPK-Equip. on fld. (3-18)
JOLIET ARPT-SEE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet.(3-16)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30).
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
PAL-WAUKEE ARPT (GLENVIEW)-250' Goodyear Blimp based on fld until approx Aug 10. Stationary mooring mast 45' high with single obst lgt lctd on NE side of fld, approx 300' from rnwys, Blimp unlgtd, but riding lgts will be turned on upon approach of acft. Pilots requested to avoid use of rnwys during 10 or 15 min period which occurs twice a day when [illegible]: blimp is landing or takin g off. (5-31)
**PARKS ARPT (EAST ST. LOUIS)-Bcn, bndry, obst lgts. prior req. See page 38.
**PEORIA ARPT-Ctc and range lgts on req. (2-5) See pages 41,44. Equip. on fld 0800 to 1630 daily except Sun. (5-10)
**POWELL BROTHERS ARPT (SHELDON)-ABANDONED (4-2). See page 44.
PROSPERI ARPT (TINLEY PARK)-Use rnwys only-equip. on fld. (7-8)
QUINCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
SCHILT FLD (OLNEY)-NW/SE strip soft in wet weather and after thaws. (3-31)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)
SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. (4-5)
SPRINGFIELD MUN. ARPT-New arpt lctd 3 mi NW of Springfield, Completion date indefinite. Rnwys and taxiways completed. Heavy equip. on fld. Pole line crossing SE end NW/SE rnwy. No lgts or svcg. (7-17)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Use strips only. (6-10)
WAUKEGAN ARPT-NW/SE strips usable except in extremely wet weather. (5-13)
WHITE CO. ARPT (CARMI)-NE/SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)
INDIANA: ANGOLA-RADIO: Ctn- VORW rng unmonitored.
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (7-5)
BLOOMINGTON ARPT-Turf sparse-soft when wet. (5-19)
BRIGHTWOOD ARPT (INDIANAPOLIS)-E end E/W strip under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-19)
**CHAIN-O-LAKES ARPT (SOUTH BEND)-Formerly carried as Chain Lakes (5-7) See page 46. Avail. acft up to 6000 lbs. Use strips only. (5-23)
CHARLESTON ARPT-Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (5-19)
COLUMBUS MUN. ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (7-5)
**CONVERSE ARPT-Lat 40-34-15, long 85-53-30. (5-16) See page 142.
EVANSVILLE ARPT-Trans use rnwys only. Equip. on fld days. (5-5)
**GALVESTON ARPT-Lat 40-35-15, long 86-14-30. (5-16) See pages 44,46.
HOOSIER-PARK ARPT (INDIANAPOLIS)-NW/SE, NE/SW strips closed. Area immediately adj to these strips avail. for traffic. (5-22)
HULMAN FLD (TERRE HAUTE)-Erosion on fld-use rnwys only. (6-23)
INDIANAPOLIS-RADIO: GCA unit oper by CAA on exper basis at Indianapolis Arpt, between the hrs 0800 and 1600 Mon thru Fri. Unit aligned for approach from the SW on Rnwy 4. Transmits on 212 kcs, 126.18 mcs, rcvs on 3105,4495,6210,3117.5 kcs, 126.18 mcs. Pilots desiring to make practice runs shoul d make arrangements thru Indianapolis Twr,Indianapolis Rdo or Airline gnd stn at Indianapolis. All flgts must be CFR prior to starting GCA runs and must remain CFR throughout approach. No run should be made in hooded cockpit unless accompanied by safety pilot. 75 mc bndry mrkr using keyed 3000 cycle tone, oper intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE/SW rnwy. Exper rdo rng with 5 lgtd 131' twrs oper intermittently at Avon, Ind., 7 mi NW of arpt on 172 and 194 kcs. Low pwr (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course. keying "U", tone 3000 cycles, temp inop. (11-22)
INDIANAPOLIS ARPT-Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating intermittently. 2- 1/2' exper rnwy lgts both sides NE/SW rnwy, Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip. 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline; trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts. Exper

INDIANA: slope line (glide path) approach lgt sys installed W end Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy. The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy etc lgts No mil svcg-use Stout Fld. 20' elevated gaseous tube directional taxi mrkr lgts showing a blue lgt when lgtd. 5 on exper stn taxi strip and 15 on short N/S rnwy and two short E/W taxi strips leading therefrom to Admin Bldg apron. (6-24) Right traffic pattern for acft landing on grass to the right of rnwy in use; left for acft landing on grass to left of rnwy Acft landing on rnwys use left traffic pattern unless otherwise advised by twr Exper bcn atop Admin Bldg rot. at high speed counter clockwise operating during IFR days only. All trans acft use rnwys only unless cleared by twr to operate on grass areas Grass areas normally reserved for local acft operating under preventive control. (7-9)

••MARION ARPT-Lgtd 235' rdo twr erected 2.7 mi NW (317° true) at lat 40-31-04, long. 85-43-14. (6-7)

McCOOL INT, SITE 3, CG-LG-Pwr poles approx 460' S of the S end of the N/S rnwy, fone line along the S side of Hwy #6, 50' silo 1160' W of watchhouse, all unmrkd. Green bndry lgts No. 17 and 28 changed to clear. (5-27)

MORGANTOWN-RADIO· FM formerly on S course of Indianapolis Rng will remain in oper on exper basis. (11-8)

MYERS FLD (FT. WAYNE)-Avail. with ctn. Soft during wet weather. (7-5)

••OCKLEY ARPT-ABANDONED. (7-1). See pages 44, 46.

••PURDUE UNIVERSITY ARPT (LAFAYETTE)-Lgtd Indiana State Police twr 2.5 mi NNE (25° true) at lat 40-27-00, long. 86-55-00, has been extended to 225'. (7-7) Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE/SW rnwy in wet weather 377' twr rdo stn WASK erected 3.75 mi ESE (105° true). Temp obst lgtd. (7-16)

★SCOTLAND-RADIO· VHF visual aural rng without voice comm July 10. Lat 38-57-30, long. 86-53-50. Visual courses: 42°, 222°; aural courses: 312°, 132°. Flgt-checked, oper normal. Class: VARW. These data rcvd too late for inclusion on charts.

SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft when wet. Const areas mrkd. (5-19)

SMITH FLD (FT. WAYNE)-Use rnwys only-turf soft when wet. (5-19)

SOUTH BEND-RADIO: Ctn-VORW rng unmonitored.

SOUTH BEND-Barrage balloon over S central portion of South Bend. Max height 500' above gnd. Aloft 0700 to 1700 daily. (5-27)

STARKE CO. ARPT (KNOX)-N/S strip soft-loose sand. Avail. lgt a cft only. (5-19)

STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs. Lgts on prior req. (5-22)

TRI-STATE ARPT (ANGOLA)-N/S strip closed (const). (5-5)

URSCHEL FLD (VALPARAISO)-Strips soft in wet weather. (5-19)

WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather. (5-5)

WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N. No wind conditions land to W. (5-8)

IOWA: CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)

CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)

CRAM FLD (DAVENPORT)-Const. Fld rough, equip. on fld. (3-21)

DES MOINES ARPT-Entire area off rnwys E of N/S, NW/SE rnwys closed Use rnwys only. Area off SE end NW/SE rnwy closed to taxiing, mrkd. Equip. on fld. No NG fuel or fuel on Form 15 due flood (7-16)

DUBUQUE ARPT-CLOSED (flooded). (6-13)

ELKADER ARPK-N/S strip newly graded and seeded. (5-29)

HUNTER FLD (CEDAR RAPIDS)-NE/SW rnwy under const. Land on other rnwys with ctn. Equip. on fld (6-24)

IOWA CITY ARPT-Closed ngts Sod adj rnwys, taxi strips freshly seeded. Lgts being installed. Const. Trenches 3' deep adj all rnwys, mrkd. Equip. on rnwys. Rnwys will be cleared for air carrier landings. New bcn 250' E of N/S taxiway, mrkd by red lanterns ngts. (6-13)

LAMONI INT, SITE 10, KC-MP-Unsafe (soft). (4-16)

IOWA: MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N/S rnwy unusable. (4-29)

OTTUMWA NAS-S landing mat closed (helium bottles on mat). Use rnwys only. Fld opers avail 0800 to 1800 Mon thru Fri. Facs avail. on 24 hrs notice at all other times. (7-10)

SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. (4-30)

KANSAS: ALLMAN ARPT (LENEXA)-Use strips only. (4-2)

••ATKINSON ARPT (PITTSBURG)-Lgtd 200' rdo twr for stn KSEK erected 4.4 mi SE (142° true) at lat 37-23-44, long. 94-40-42. (6-8)

ATWOOD ARPT-Soft when wet. (3-26)

BEECH ARPT (WICHITA)-During damp weather, use rnwys only. (4-2)

CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags (2-6)

DODGE CITY ARPT-Blinding ceilometer installed 1000' NW of Admin Bldg. E/W rnwy closed Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg (4-11)

FAIRFAX FLD (KANSAS CITY)-Only 100 oct avail. (6-13)

FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.

GARDEN CITY AAF-No svcg or maintenance avail (2-7)

GOODLAND ARPT-Rnwy sides soft when wet. (2-21)

HUTCHINSON MUN. ARPT-Heavy acft use rnwys only. (7-22)

HUTCHINSON NAS-CLOSED-no facs. (11-25)

INDEPENDENCE AAF-Closed to all acft except on off. bus. or emerg. Only N/S rnwy nearest ramp avail (6-23)

JANSSEN SKYTEL ARPT (McPHERSON)-E/W strip soft when wet. (3-4)

MARSHALL FLD (FT. RILEY)-For AA firing see Ft. Riley, Kans. Use rnwys, taxi strips, ramps only Soft shoulders off rnwys Rnwy lgts undependable. (2-10)

OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.

OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600 (6-13)

OLATHE OLF NO. 2-Use in emerg only-no facs

OLATHE OLF NO. 4-Use in emerg only-no facs

OLATHE OLF NO. 7-Use in emerg only-no facs

OLATHE OLF NO. 9-Use in emerg only-no facs.

SATANTA ARPT-Strips soft in wet weather. (2-19)

SHERMAN FLD (FT. LEAVENWORTH)-Left traffic Strips 12,15; right traffic Strips 30,33. Use strips only Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)

SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)

TOPEKA-Inst flying radio rng ngt, day. Call Topeka Radio at least 20 mi out before flying range.

TOPEKA AAF-Closed to all trans mil acft except on off. bus. or in emerg. Four 197' rdo twrs being const 5.1 mi. NE lat 39-01-17, long 95-34-15, temp obst lgtd. (7-14)

WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn Stay on concrete-sod unsafe. (4-29)

WICHITA AUX ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)

KENTUCKY: ASHLAND ARPT-Right traffic pattern on NW landings and take-offs. (2-5)

BLUE GRASS FLD (LEXINGTON)-Use rnwys only. (5-5)

BOWLING GREEN ARPT-Use rnwys only. (4-7)

CAMPBELL AAF (HOPKINSVILLE)-Ext const. Rnwy 4-22 only avail. (6-1)

GODMAN FLD (FT. KNOX)-RADIO: Army rng unreliable; use primarily for hbming. (6-24)

FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in d anger area NE fld day, ngt. (6-24)

GREATER CINCINNATI ARPT (COVINGTON)-Lgts not controlled from twr. Lgts inop Rnwy 13-31. Equip. between Admin Bldg and tetrahedron. Open places adj to rnwys and taxi strips, lgtd and flagged. (7-7)

JODY FLD (LONDON)-Const-use rnwy N of hangars only. (4-28)

LEXINGTON-RADIO: VHF rng unmonitored, no auto. standby equip. (4-2)

★PADUCAH-RADIO: VHF visual aural rng comm July 8, without voice fac. Lat 37-00-33, long.

[redacted]: 88-50-12. Flgt-checked, oper normal. Visual courses: 17°, 197°; aural courses: 287°, 107°. Class: VARW.
PADUCAH-McCRACKEN CO. ARPT-Bcn, ctc lgts oper from dusk till dawn daily. Only NE/SW rnwy lgtd ngts. (6-18)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)
[redacted]: **ALEXANDRIA ARPT-Bcn operating effect July 10th. (7-11). See page 126.
BARKSDALE FLD (SHREVEPORT)-Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. (5-6)
COMMERCIAL ARPT (HODGE)-Unsafe (rutted). (6-10)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
DONALDSONVILLE INT, SITE 26, HU-NO-Equip. on fld. (7-14)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs: Lighting facs for ngt flying not in oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strips only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3-19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed Stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. Fuel for mil acft avail. 0700 to 2300. (4-24)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55° true). Will be lgtd upon completion. (3-24)
**MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Control line not installed at CAA ILS. Middle mrkr unmonitored. (6-20). Soon CAA ILS lclsr and glide path will be shut down for rdo installation work. (7-18) FLD: Lgtd 162' steel derrick erected 7 mi SW (230° true) at lat 29-55-45, long. 91-20-36. (6-6). Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop. (5-12)
MONROE ARPK-Avail days only. (12-20)
NATCHITOCHES ARPT-Taxi to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
**SELMAN FLD (MONROE)-Lgtd 140' rdo twr for stn KSPC erected 2 mi WNW (295° true) at lat 32-31-20, long. 92-04-55. (7-2) Obst lgts atop twr inop Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee. Wind sock for wind direction only (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. Equip. on fld days. (5-13)
[redacted]: AUGUSTA-RADIO: Rng flgt-checked June 20, SE course displaced 3° SW, bear. 312°. Use stn lctn mrkr with ctn until flgt-checked. (7-11)
AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
DOW FLD (BANGOR)-RADIO: Army ILS temp inop. (7-26) FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Equip. sides rnwys. (7-8)
FARMINGTON ARPK-After heavy rain land to W side strip. (4-23)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safey strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. rng monitor. sys temp inop. (7-10)
[redacted]: MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-E/W rnwy closed ngts (ctc lgts inop). Pile driver with vertical boom about 100' high at high tide, lctd 1/2 mi from SE end of NW/SE rnwy, unlgtd. Will be in oper until approx Sept 19. (7-19)
**PRAIRIE ARPK (BROWNVILLE JCT)-Correct lat 45-25-00, long. 69-03-30. 4.5 mi N. (7-7). See page 17.
★PRESQUE ISLE AAF-RADIO: Army HF/DF stn temp suspended. (5-16). Bndry mrkr of CAA ILS decomm June 1. Effect July 15, VHF/DF stn will be inop for indef period. (6-30) Army air/gnd stn guards 8280,500 kcs only. (7-3) FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC Flights. Svcg trans acft 0800 to 1700 only. (5-16)
SCARBORO ARPT-CLOSED (soft). (3-31)
[redacted]: ★ANDREWS FLD (CAMP SPRINGS)-RADIO: Army GCA fac opers on VHF commun channels A, B, C, D, G, H, with HF communs on 3476,4590,6840 kcs and 3117.5 kcs (emerg airline). Rcvs any freq from 1500 to 18000 kcs, including 3105,4495 and 6210 kcs. Gds Channel B. Opers cont during IFR; 0800 to 1700 daily, and on 30 mins notice at other times. (7-16) Army ILS temp inop. (6-17).
BALTIMORE-RADIO: Rng flgt-checked June 24, courses correctly aligned.
BALTIMORE ARPT-No crash equip. ngtd. Use rnwys, taxiways only, other areas soft. Equip. on fld. Ships with unlgtd 120' masts anchored in harbor S, W and SW of fld. Smoke stacks NW and SE. Rdo rqrd between sunset and sunrise. Lgtd 160' derrick at lat 39-14-15, long. 76-31-00. 45' lgtd mobile steel boom 1/2 mi from fld bndry and 600' N of approach to Rnwy 27. (6-30)
BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
BRANDYWINE-RADIO: Soon, weather permitting, N and S courses will be realigned to 168°, 348°. Quadrants will be reversed, "N" signal in NE quad. (7-8)
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Closed Sat and Sun. Operates Mon thru Fri 0800 to 1600 (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
FREDERICK CITY ARPT-Open. Rcvd too late to delete (R) symbol.
GLENBURNIE-WHIPP ARPT (GLENBURNIE)-Avoid flagged area-equip. (2-19)
KENT ARPT (WORTON)-Open. Rcvd too late to delete (O) symbol.
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-23)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches adj Rnwy 9-27, mrkd. Equip. on fld. Obst SE end Rnwy 13-31. Ctn-land long on rnwy. (6-6)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM CO. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000'. Approach from N only, flying a heading of 200° from Aberdeen to fld. Heavy traffic rnwys. Rnwy 4-22 closed. (5-20)
SALISBURY-RADIO: Commissioning of VHF rng indefinitely postponed. (5-5)
SALISBURY ARPT-Ctn advised using Rnwy 13-31. Use center rnwy only-rough area on S side rnwy 2000' from W end. Equip. on fld. (7-6).
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (BEACHVILLE)-Closed except on 24 hr notice.
MASSACHUSETTS: AGAWAM-Two searchlgts being operated from Riverside Park dusk to midngt May 30 to Sept 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' tank 5500' SW, lgtd-temp painted gray. No ctc lgts. (6-12)

[redacted]: **BEDFORD ARPT-Formerly carried as Bedford AAF. (5-16). See page 56
BOSTON-RADIO: About July 29, weather permitting rng freq will be changed to 382 kcs. (7-11)
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay,
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
LA FLEUR ARPT (NORTHAMPTON)-Closed ngts. (7-10)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
**LOGAN ARPT (BOSTON)-RADIO: CAA ILS placed in cont oper June 10 for pilot training and familiarization purposes only. Lclzr lctd 950' NE of NE end of Rnwy 4-22 on extended centerline. Freq. 110.3 mcs. Ident. "BOS". Glide path freq. 335 mcs. Angle 2.5°. lctd 1000' NE of SW end of Rnwy 4-22 and 550' SE of rnwy centerline. Middle mrkr 1.40 mi from SW end Rnwy 4-22 on extended centerline keyed alt dots and dashes; outer mrkr lctd 5.67 mi from SW end of Rnwy 4-22 on extended centerline keyed two dashes. Outer compass lctr at outer mrkr site on 203 kcs., ident. "G". Comm date of this fac for regular oper indefinite, pending completion of const and removal of const equip. This corrects "AIRGI" Vol. 2, No. 7. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16) FLD: New Rnwy 9-27 open 24 hrs daily. (7-13) Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. NE 100' Rnwy 7-25 unsafe. Old Rnwy 15-33 closed except for taxiing. All acft landing, taking-off or taxiing must use rnwys and taxiways only. Two-way rdo necessary for all acft landing this fld. 2 unlgtd 374' stacks lctd S. Boston Base 7900' from S end Rnwy 4-22. ILS lclzr path lies within 1500' of stacks-ctn. (7-13)
MANSFIELD ARPT-Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT (BERKLEY)-Wires on S end N/S strip. (4-1)
**MYSTIC LAKE SEAPLANE BASE (W. BARNSTABLE)-New base. Lat 41-40-55, long. 70-24-37. (6-6)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true). (4-12)
ORANGE ARPT-Equip. on fld during summer months. (7-10)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW-Land according to wind sock. (4-2)
PROVINCETOWN LANDING FLD-CLOSED. (7-10)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy.(3-15)
**SHAWSHEEN PINES ARPT (BILLERICA)-Bndry, range (one end), flood lgts avail. on req. No bcn. (5-16). See page 56.
**SOUTH SHORE SEAPLANE BASE-New base. Lat 42-18-12, long. 70-55-17. (6-6)
SPRINGFIELD ARPT-Lgts inop. (4-21)
SQUANTUM NAS-Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on rnwy 2-20, 150' S intersection Rnwys 14-32, 2-20, lgtd. (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
**WALKER-DUTTON ARPT (HAVERHILL)-Formerly carried as Haverhill Arpt. (5-15). See page 56.
★WESTOVER FLD (CHICOPEE FALLS)-RADIO: GCA is in regular oper on VHF commun [redacted]: channels A, B, C, D, G, H; HF commun freqs of 3475,4890,6640,3117.5 kcs in addition to regular HF coverage of 1500 to 18000 kcs, fac rcvs LF band 200 to 400 kcs. Oper is cont during IFR and on 30 minutes notice at other times. (7-16) Army ILS (CAA type) lclzr, Rnwy 24, unreliable. (4-23). HF/DF stn temp suspended. (5-22) FLD: All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld.. Cruising alts assigned by Boston ATC will be maintained until further cleared to descend by Boston ATC. Westover approach control will assume control of acft departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach Control. (2-19) Red bcn atop Mt. Nanatuck inop. (6-5)
**WORCESTER ARPT-36" rot. clear bcn opers on req. (5-22). See page 56.
[redacted]: ABRAMS ARPT (GRAND LEDGE)-Soft during wet weather-freshly seeded.(4-24)
ADRIAN CITY ARPT-SW corner fld unsafe for landings and take-offs. (4-28)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (5-23)
BAKER'S FLD (PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
BISHOP ARPT (FLINT)-Use rnwys only-soft. Unmrkd acft parked on fld within 500' of bldgs. (6-9)
CADILLAC ARPT-S 100' of 1000' taxi strip avail. all acft except tricycle gear acft, bal taxi strip being cleared of trees and brush. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' S of c enterline of approach. (6-27)
CAMPBELL MUN. ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-Use center of rnwys only. Equip. on fld days. Acft parked W side fld E of apron. N/S rnwy avail. days only. (7-10)
DALTON ARPT (FLUSHING)-Ctn during wet weather (4-11)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
FORD ARPT (DETROIT)-CLOSED. Avail. emerg use only. Use rnwys only. (3-31)
GRIDLEY ARPT (YPSILANTI)-Strips reseeded, unusable when cross is displayed. Use E/W sod patch. (4-24)
GROSSE ILE NAS (DETROIT)-Fld lgts on prior req. (7-1)
HAINES FLYING FLD (THREE RIVERS)-Use strips only. (5-23)
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (3-12)
JOY ARPT (DETROIT)-Ctn-const on cinder rnwys and taxi strips. (7-20)
KELLOGG FLD (BATTLE CREEK)-Equip. on fld indefinitely. (4-24)
KENT CO. ARPT (GRAND RAPIDS)-Acft weighing 8000 lbs or over use rnwys only. Rot. bcn on Admin Bldg inop-twr const. (5-23)
LINDBERGH MUN. ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (5-23)
MACKINAC CO. ARPT (ST. IGNACE)-Use rnwys only. (4-5)
McKINLEY ARPT (FRASER)-Avail. to lgt acft only in dry weather. (4-26)
MUSKEGON CO. ARPT-Use rnwys only-rough. (4-24)
OSCODA AAF-Use rnwys, taxi strips only.
OTSEGO CO. ARPT (GAYLORD)-Use NW/SE strip with ctn-sand surface. (4-24)
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod between rnwys. (3-21)
PLANE HAVEN ARPT (STANTON)-CLOSED. (5-23)
ST. CLAIR CO. ARPT (PORT HURON)-Rdo Stn WEBO erecting 145' twr 4 mi NE (37° true) temp lgtd. Use strips only-soft when wet. Equip. on fld. (4-24)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (4-8)
SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army rng will be relctd soon. (5-20)
SKYHAVEN ARPT (SAGINAW)-CLOSED (const). (4-11)
STINSON ARPT (WAYNE)-Closed to trans acft. Const sides N/S rnwy. (4-24)
TRAVERSE CITY ARPT-Use rnwys only. (6-9)
TWIN CITIES ARPT (BENTON HARBOR)-Use rnwys only, soft after heavy rains. (4-15)
WASHTENAW ARPT (DEXTER)-Use rnwys only. Avail. days only. (2-20)

MICHIGAN: WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (4-7)
WILLOW RUN ARPT (YPSILANTI)-RADIO: Lclzr, glide path and mrkrs of CAA ILS will be comm soon. (3-28) FLD: Equip. on fld. Trucks on NE/SW strip. Pilots must register with Ramp Control Supervisor on arvl and check out on dptr Graduated scale of landing fees in effect for all revenue producing trans acft. (6-17)
MINNESOTA: AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail. in dry weather. (5-6)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. Const. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
DULUTH ARPT-Use rnwys only. Ctn during ngt landings and take-offs-deer on fld. (7-3)
**INTERNATIONAL FALLS, MUN ARPT-Arpt of entry for one year from June 1, 1947. (7-2) See page 13.
KENYON ARPT-N/S strip slopes to the N, NE/SW slopes to the NE (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-28)
MONTEVIDEO ARPT-Strips muddy when wet. (2-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const) (6-20)
PRINCETON ARPT-Use N/S strip only. (5-12)
ST PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THIEF RIVER FALLS MUN. ARPT-Use rnwys only. Bal fld planted in grain. (4-30)
UNIV. OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft
VIRGINIA ARPT-Rough. (4-1)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flights. Ltd maintenance facs, no parking facs for Army acft temp Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. High intensity rnwy mrkr lgts being installed both sides N/S rnwy. Heavy acft use rnwys, taxiways only-soft (4-30)
MISSISSIPPI: BASS FLD (LULA)-Landing area rough. (11-13)
**COLE FLD (HEADS)-ABANDONED. (7-17). See page 112.
COLLIER ARPT (DREW)-ABANDONED (7-17). See page 112.
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-29)
GRENADA ARPT-NE/SW rnwy closed. (6-26)
GULFPORT ARPT, MUN.-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
HAWKINS ARPT (JACKSON)-Two 115' temp lgtd stacks 1-1/2 mi SE. 136' water tank being erected 3.5 mi SSE (153° true). Temp lgtd during const. Large holes adj N taxiway, mrkd. Bndry, obst lgts S bndry of arpt between Rnwys 11, 34 inop (being repaired) (7-19)
JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-26)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Entire fld and surrounding obst unlgtd except rot. bcn, N/S rnwy lgts and a few lgts on the NE/SW rnwy. (6-26)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-W 1/3 of E/W strip unusable. (2-17)
**McLAURIN ARPT-ABANDONED. (7-17). See page 128.
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr (4-24)
TATE ARPT (LELAND)-Soft when wet. (4-24)
TUPELO ARPT-Equip. stakes on fld. (1-2)
...OO MUN. ARPT-Use N/S strip only. bal fld soft. (2-17)

MISSOURI: ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to the S.
BUTLER ARPT-NW/SE, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches, and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld days. (6-3)
HARRIS FLD (CAPE GIRARDEAU)-Use strips only - parked acft.
INDEPENDENCE ARPT-CLOSED (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW rnwy inop. (2-22)
★KANSAS CITY-RADIO: July 10, omni-directional VHF rng no voice comm on exper basis. Oper of fac will be interrupted from time to time for adjustments and installation of adtnl equip. Fac lctd at lat 39-15, long. 94-26-24. Figt-checked and correctly aligned. Class: VORW.
KANSAS CITY ARPT-RADIO: Soon, outer mrkr and outer compass lctr will be inop for approx 2 weeks for relctn. (7-3). CAA ILS lclzr has low clearance spots or false courses 90° E of front course and 50° W of front course. Glide path and middle mrkr temp unmonitored. (5-23) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of centerline of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Terminal Building-ctn when parking acft this area. 13' lgtd structure lctd 75' W of centerline at S end of N/S rnwy. Levee has been raised to 20' above fld level 200' off S end N/S rnwy, unlgtd. Five 300' twrs being erected 14 mi NNE (22° true), temp obst lgtd. (5-28)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy. (4-29)
KRATZ FLD (ST. CHARLES)-Avail. lgt acft only. Use with ctn. (7-14)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Middle mrkr of CAA ILS temp unmonitored. July 21, outer mrkr inop for about 20 days for maj const. About July 30, outer compass lctr will be inop for about 6 days for relctn. (7-21)
FLD: Closed to non-rdo equipped acft. Soft off rnwys-avail lgt acft. SW taxi strip closed. Apron NW corner fld and approach end Rnwy 7 closed. Rnwy 16-34 closed. Rnwy 6-24 closed from W end thru intersection Rnwy 16-34 4100' Rnwy 6-24 avail. Equip. at intersection Rnwys 6-24, 16-34 days. Port. rnwy lgts on Rnwy 7-25. Const in progress on new rnwy 1500' SE of intersection Rnwys 6-24 and 16-34 thru intersection to approach end Rnwy 7. Const areas lgtd ngts. All Navy facs closed to all trans acft except off. orders and emerg less cross country training. Taxi strip between Rnwys 7-25 and 6-24 under const, mrkd. Grass area W of const to Rnwy 16-34 closed. 550' of approach end Rnwy 7 closed. Apron along hangar line usable-rough. Tetrahedron uncontrollable, unlgtd. (7-14)
MARSHALL INT, SITE 7, KC-LS-Deep ruts on N half N/S strip. (6-25)
MARYVILLE MUN. ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFLD)-Right traffic all strips. (2-20)
NEUBERISER OLF (ST. LOUIS)-Use in emerg. only (caretaker status-no facs)
ROLLA ARPT-Unsafe heavy acft (soft)(1-15)
ROSECRANS FLD (ST JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
★SEDALIA AAF (KNOBNOSTER)-RADIO: Army air/gnd stn per. discont. (7-11)
SIKESTON ARPT-Use rnwys only-parked acft.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-8 1/3, N/S and E 1/3, E/W strips unsafe heavy acft(soft)(2
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)
[redacted]: BILLINGS-RADIO: About Aug. 11, Huntley FM will be comm on E course, 10.5 mi. from rng. ident. one dash. Spurious signals during tuning, starting appro July 30. Simultaneously, Nibbe FM will be discont. (7-8)

[redacted]:BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-Muddy in wet weather. (11-18)
DEER LODGE ARPT-Equip. on fld. Avail. with ctn. (6-3)
DILLON-RADIO: VARW rng oper for test purposes, no ident. Rng not flgt-checked, is unmonitored and not to be used for navigational purposes. (6-29)
GREAT FALLS-RADIO: VORW rng oper for test purposes, not flgt-checked, is unmonitored and not to be used for navigational purposes. (6-28)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. Rnwy 2-20 being shortened to 6400'. SW 3600' will be discont. (6-29)
LIVINGSTON MUN ARPT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
★MILES CITY-RADIO: VOR rng placed in oper for test purposes July 19 at lat 46-23-36, long. 105-56-30, approx 3.65 mi SW of Miles City Arpt. Freq 112.1 mcs, ident. "MY". Facs not flgt-checked, unmonitored and should not be used for navigational purposes. These data rcvd too late for charts and Ⓡ symbol.
**MILES CITY ARPT-Bndry lgts inop. Obst lgts oper sunset to sunrise, ctc, rng, flood lgts on prior req. (5-7) See page 8. NW and NE floodlgts inop. (5-7)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B-17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
NIBBE-RADIO: FM on E course of Billings rng will be discont about Aug 11.
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-8)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1-21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)
[redacted]:**AINSWORTH MUN. ARPT-7.5 mi WNW is not Abandoned. Correct data page 28
CLAY CENTER ARPT-Use mrkd strips in wet weather, all way in dry weather. (3-10)
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT-Sod areas freshly seeded-unsafe for landing or taxiing when wet. Closed Sun, Aug 3 from 1000 to 1800 except last quarter of each hr when it will be open to trans traffic. Closed condition will be indicated by large white X or the large white word CLOSED during the first three quarters of each hr. Avoid race course pylons on or near fld. (7-2)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HARMON ARPT (KEARNEY)-Ctn in wet weather. (6-9)
HASTINGS ARPT-Use strips only-soft. (5-24)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office. (3-24)
**LINCOLN ARPT-Correct lctn lat 40-51-15, long. 96-45-30. (5-12) See page 36. Priv acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. (5-1)
NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
OMAHA ARPT-RADIO: July 2, lclsr and glide path of CAA ILS inop. When oper resumed voice and ident features of lclsr will be operative. FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
**100th MERIDIAN ARPT (COZAD)-ABANDONED. (4-21) See page 36.
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SCOTTSBLUFF ARPT-Taxi strip in E end fld leading to NE/SW rnwy closed. (7-7)
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4-23)
SIDNEY MUN. ARPT-Soft in wet weather. Equip. on fld. (6-18)
[redacted]:BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Shoulders soft when wet. (7-12)
[redacted]:BOULDER CITY ARPT-N edge of SW end NE/SW rnwy soft. Land near center of rnwy. (7-2)
**COALDALE ARPT-New fld. Lat 38-02-00, long. 117-53-30. (6-26) See page 76.
DOUGLAS-TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd Avail. days only. (3-11)
GOODSPRINGS-RADIO: FM temp inop. (6-19)
HAWTHORNE ARPT-Traffic is 1600' outside of city mi square and 600' alt. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS-RADIO: VAR rng oper on test basis - disregard spurious signals.
LAS VEGAS AAF-Bndry, rnwy rng lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
MORMAN MESA INT, SITE 31B, LA-SL-NE end NE/SW strip being extended 600'. Const in progress until approx Aug. 9. Sections of the bndry lighting will be inop during const. (7-15)
TAHOE SKY HARBOR ARPT (ZEPHER COVE)-Trans or inexperienced pilots avoid using. (8-5)
WELLS INT, SITE 46, SF-SL-E/W strip 5700' long with paved rnwy 5500 x 150' and NE/SW strip 3800 x 500' will be comm about July 24 for daytime use only. Lighting consisting of bndry lgts on E/W strip, 6 RPM clear bcn with green course lgts flash. char dash dot dash and lgtd wind cone will be comm at a later date when pwr avail. Equip. along edges of strips. (7-16)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)
[redacted]:BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind condition. In calm air conditions take off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border of fld. Rnwy const NW end of fld. Equip. on fld. Use ctn. Bcn oper intermittently. (7-14)
BRATTLEBORO-HINSDALE AIRPARK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS glide path inop. (7-10)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only). (5-6)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
NEW JERSEY:ATLANTIC CITY-RADIO: VHF rng inop. (6-6)
** ATLANTIC CITY NAS-Lgtd 250' rdo twr erected 1.5 mi NE (40° true) at lat 39-22-29, long. 74-26-34. (6-14) Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hrs previous arrangement with Opers Officer. (12-11)
ATLANTIC OCEAN-Over-water bombing practice approx 40 mi off shore will be conducted at the following positions: lat 39-47-10, long. 73-26-00; lat 39-22-00, long. 73-26-00. This activity has not yet been cleared with Airspace Subcommittee.
CALDWELL-RADIO: VAR rng will be comm soon at lat 40-50-45, long. 74-23-00. Freq. 109.1 mcs. Ident. "NU". Visual courses: 112°,292°; aural courses: 22°,202°. Var 11°W. Class: VARW. (7-10)
CALDWELL-WRIGHT ARPT-Right traffic when taking off and landing from SW. (4-24)
CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs).
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder strips in wet weather. (2-27)
LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16)
LAMBROS SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic for take-offs and landings to the S. (7-18)
LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Bcn atop N twr Rdo Stn WINS inop. (1-29)

[redacted]:MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Rnwy lgts inop. Ctc lgts E/W, N/S rnwys inop. (4-4)
NEWARK-RADIO: About July 29, LFM will be comm at Calco Stack, lat 40-43-00, long. 74-06-21. Ident. 1 dash. SW course 2° SE, bear. 56°. (7-7) Following repairs, courses may have shifted.
NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-23) FLD: To reduce acft noise over Newark residential area and avoid tall bldg section: 1, Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. 3. Make a half left turn as soon as practicable in take-off to W. 4. Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tanks lctd in Harrison when making a S approach to the N/S rnwy. (9-7) Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 26 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of center-line of Rnwy 10. Ditch 12' E on both sides of and parallel to red approach lgts and overrun on Rnwy 6, extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip and along E side of same for approx 1500'. No maintenance facs mil acft. (7-11)
OCEAN COUNTY ARPT (BRETON WOODS)-Const on NE/SW strip. (2-25)
REDBANK-Captive meteorological balloon vcnty of Redbank between 2100 and 0600 daily until Sept. 1. Balloon will be released only when the ceiling is 2000' and visibility 5 mi or better. (7-2)
RED BANK ARPT-Closed to acft over 10,000 lbs except by prior fone arrangements. (7-16)
SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern: (3-16)
TARRYTOWN SEAPLANE BASE-Right traffic when landing and taking off during S winds. (6-25)
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. 400' min. ceiling with 1 mi visibility authorized for non-scheduled air carrier take-offs under IFR conditions. S taxi strip closed-const. All rnwys being extended. Rnwy 6 avail. with ctn. (7-15)
[redacted]:ALAMOGORDO AAF-RADIO: Army rng inop. (6-6) FLD: Wind tee inop. Closed to all trans acft except on orders from CG, AAF; CG, AMC; or CG, SAC. Acft will not carry passengers not listed on orders to this fld. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (6-6)
ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)
CARLSBAD ARPT NO. 1-CLOSED (rnwys in need of repairs). (7-7)
••CARLSBAD MUN ARPT-No flood lgts. Fld lgts on req. (1-15). See page 104, 120.
••CLAYTON ARPT-Two lgtd 146' rdo twrs erected, (1) for stn KHHG 34.2 mi NNW (330° T) at lat 36-52-12, long. 103-27-36; (2) for stn KHIJ 7.0 mi NE (44° T) at lat 36-31-00, long. 103-04-25. (6-26)
★CLOVIS AAF-RADIO: Army rng, twr to be discont soon. Army twr opers in emerg only. (7-1) Army air/gnd stn transmits and rcvs on 4765 kcs in addition to freqs previously published. (7-16) FLD: No opers office. Emerg landings only ngts. (5-21)
CONDRON FLD-See notice under White Sands Proving Ground, N. M.
CREWS FLD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)
GALLUP ARPT-E/W rnwy closed. (3-18)
GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)
★HOBBS AAF-RADIO: Army twr now oper 0630 to 2300 daily. These data rcvd too late for inclusion on data page. (7-15) FLD: Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
HOBBS MUN ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA ILS lclzr and glide path will be shut down [redacted]:Aug 28, until approx Sept 1, for adjustment and installation work. (7-18) CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-5)
LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
LOS ALAMOS AIRFLD-Closed. Landing permission must be obtained from the Area Mgr, United States Atomic Energy Comm, Santa Fe Area, P. O Box 1539, Santa Fe, N. M. (6-15)
LOVINGTON ARPT-Cattle on fld. (9-16)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
OTTO INT, SITE 74, LA-AQ-Unsafe lgt acft-rough. (6-18)
PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst train. on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Radio for instructions
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)
••TRACY FLD (CARLSBAD)-ABANDONED. (6-30) See pages 104,120.
TULAROSA ARPT-Use E/W strip only. (9-16)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)
[redacted]:AERO LAKE SEAPLANE BASE (KINGSTON)-Right traffic when wind from the N. (5-27)
ALBANY-RADIO: Comsackie FM placed in const oper July 9 for test and equip. shakedown purposes, will be comm about July 29. FM on S course at lat 42-22-30, long. 73-49-50, ident two dots three dashes. Flgt-checked July 1, radiation pattern normal. About July 30, weather permitting, rng freq will be changed to 263 kcs.
ALBANY ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-22) FLD: Equip. on fld intermittently. (2-22)
AMSTERDAM ARPT-CLOSED (soft) (4-11)
BATH-H'SPORT ARPT (HAMMONDSPORT)-Right traffic for landings and take-offs to the W. Use strips only-newly seeded sod, slippery when wet. (6-23)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO-RADIO: Auto. rng monitor. sys inop. (6-29) Rng flgt-checked May 30, NE course 4° NW, bear. 226°.
BUFFALO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-26) FLD: Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. (6-30)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. Reconditioning and resurfacing of rnwys and taxiways. Equip. on fld. Const until approx July 31. (7-17)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)
★DANSVILLE-RADIO: VHF voice fac comm at commun stn. Transmits on and gds 116.1 mcs cont. Voice, hourly weather reporting service comm from 0700 to 2300.
FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)
FLUSHING ARPT-Right traffic on N and NW, wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Safe for middle weight twin-engine acft. SE 700' NW/SE, SW 300' NE/SW strips soft and rough. Dangerous areas mrkd. (7-7)
FULTON ARPK-Right traffic when landing S and SE. (3-31)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only, ctn when wet. (5-18)
IDLEWILD-RADIO: Rng flgt-checked July 7, SW course 2° SE, bear. 40°. CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 0830 to 1700 Mon thru Fri. Serves Rnwy C (ENE/WSW) with approach from WSW. Mag. heading for

[redacted]:landing: 72°. Lclzr freq 109.5 mcs, ident. "NY". Glide path freq 332.6 mcs, angle: 216°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per sec. All acft utilizing this fac must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt under const and minimum alt permitted during simulated approaches will be 200'. (4-11)

IDLEWILD ARPT-Not yet opened-const. (3-13)

ISLIP-RADIO: Commissioning of VHF rng has been indefinitely postponed. (5-2)

ITHACA ARPT-Right traffic pattern in use. (3-3)

KINGSTON ARPT-Right traffic when wind from S. (5-27)

★LA GUARDIA FLD (NEW YORK)-RADIO: GCA now transmits on 209,362 kcs, 118.1,118.7, 121.9,126.1 mcs. TWA 6510 kcs day, 3062.5 kcs ngt. Colonial 5480 kcs day, 3137.5 kcs ngt. Avail. from trailer in emerg. only are 118.3,118.5,118.9,116.1,140.58 mcs. (7-15) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-25) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling services not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intersection Rnwys 4-22 and 13-31, mrkd. 25' derrick operating in Bowery Bay vcnty of approach to Rnwy 9 until approx July 25, lgtd. (6-10) Port of New York authority advises that no four-engine acft carrying passengers or cargo shall use Rnwy 18-36 for landings or take-offs. (6-5)

**MAC ARTHUR ARPT (ISLIP)-Neon approach lgt lane lctd SW end NE/SW rnwy comm July 2, 1947. This corrects Airman's Guide, Vol 2, No. 8. (7-16) Rnwy 14-32 closed (cable being installed). Acft use ctn-unconventional flgt test oper. Equip. on fld days. (7-7)

**MASON ARPT (GENEVA)-Lgtd 207' rdo twr for stn WHIN erected 2.5 mi ESE (108° T) at lat 42-51-35, long. 77-00-59. (6-3)

MASSENA-RADIO: VHF rng unmonitored. (7-7) FLD: 156' twr Rdo Stn WMSA lctd 3 mi SW (232° true) temp lgtd with red lgts on top. Upon completion lighting facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level.

MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)

MITCHEL FLD (HEMPSTEAD)-RADIO: AACS operated HF/DF stn temp suspended until further notice. (4-24) FLD: Rnwy 18-36 closed. (4-25)

NANTICOKE VALLEY ARPK(MAINE)-Flares avail. in emerg. (3-17)

NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)

NEW HACKENSACK ARPT-CLOSED. (3-10)

NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see Special Notice, page 152.

NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat and 1600 Sun, Naval acft from NAS New York will conduct live gunnery runs and practice bombing in the following areas over New York Harbor; beginning at lat 40-36, long. 73-15; to lat 40-49, long. 72-30; to lat 40-00, long. 72-30; to lat 40-00, long. 73-16; thence to point of beginning. (2-6) THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.

NEW YORK-SPECIAL NOTICE-All acft operating in the vicinity of Upper Manhattan, New York City, New York, avoid flying over or near Lewisohn Stadium, 137th and Amsterdam Avenue, between the hrs of 2000 and 2300, June 16 to Aug 9. Lctn just E of the Hudson River Midway between the NW corner of Central Park, and the E end of the George Washington Bridge. (6-20)

NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".

NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2100 to 0700. (6-16)

NYACK SEAPLANE BASE-Right traffic on N take-offs. (6-25)

OLEAN ARPT-Fld hazardous. Keep off graded rnwy. Fone prior to using. (3-6)

[redacted]:OQUAGA LAKE SEAPLANE BASE-Base lctd at lat 42-03, long. 75-29 is a resort lake during July, Aug, and Sept. resulting in increased activity. Seaplanes using this lake are ctnd to use extreme care while operating in this area. (7-18)

PENN YAN ARPT-Ctn at N/S and E/W intersection. Soft in wet weather. (3-4)

PLEASANTVILLE-RADIO: MH fac operating for test purposes only at lat 41-08-07, long. 73-46-00, freq. 281 kcs, ident dash dot dash. Class: MHW. (7-19)

RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)

REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)

RIDGEWAY ARPK (ROCHESTER)-Use rnwys only - extreme ctn in wet weather. (3-27)

ROCHESTER ARPT-Use rnwys only - soft. No hangar space. Equip. on fld days. (2-24)

ROCKLAND ARPT (NEW CITY)-50' unlgtd pole immediate vcnty of arpt. (6-5)

ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33, left traffic pattern Rnwys 10,15, 24. Hospital 3/4 mi from Rnwy 28 - avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)

ROSS ARPK (PULASKI)-Use center of rnwys only. Sides soft. (4-5)

**ROUSE POINT SEAPLANE BASE-Arpt of Entry. (7-2)

RYE-RADIO: MH fac placed in cont oper July 9 for test and equip. shakedown purposes at lat 40-58-28, long. 73-43-11, 12.6 mi from La Guardia rng stn on the NE course. To be comm about July 29. Flgt-checked July 7, oper normal.

**SACANDAGA PARK (NORTHVILLE)-CLOSED (6-27) See page 54.

SALAMANCA ARPT-Right traffic when taking off and landing into the W. (5-7)

SALAMANCA ARPT-SPECIAL NOTICE-The City of Salamanca has passed an ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft.

SARANAC LAKE ARPT-Use rnwys, taxi strips only - turf rough. (11-27)

SCHENECTADY COUNTY ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)

SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E, 800' mtn directly N of fld. (5-5)

SCOTT FLD (LANCASTER)-CLOSED. (6-6)

SHAWNEE FLYING SERVICE (NORTH TONAWANDA)-Glider activity, including airplane and auto tow in progress during the summer and autumn months. (6-12)

SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const - NE/SW avail. with ctn. (2-21)

SILVER CREEK ARPT-CLOSED (const). (6-12)

SMITHPORT INC. (UTICA)-Use paved runway only. (5-9)

**STEENBURGH AVIATION SERVICE (GLOVERSVILLE)-CLOSED (6-27)

STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR. (4-4)

SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (6-13)

**SYRACUSE ARPT-CLOSED. (7-3) See page 52. About Sept 1, approach lgt lane will be comm E end E/W rnwy. (7-3)

TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

TROY ARPT-Bcn inop. (10-10)

UTICA ARPT-Pipe line installations NE side fld, mrkd. Equip. on fld days. (6-19)

VALLEY AIR PARK (MIDDLEBURG)-Right traffic when landing to NW. New strip under const. Present strip will have equip. on it all summer. (7-7)

**VAUGHAN FLD (JOHNSTOWN)-CLOSED. (6-27) See page 54.

WALLINGTON ARPT (SODUS)-Wires S end N/S strip, orchard N end. Equip. on fld. Avail. lgt acft only. Ctn when wet. Avail. days only. (5-29)

WARREN CO. ARPT (GLENS FALLS)-Equip. on fld intermittently days. (5-27)

WATERTOWN-RADIO: VHF rng unmonitored. (7-7)

WERLE FLD (DUNKIRK)-Scattered ruts on fld, mrkd. (6-19)

WESTCHESTER-RADIO: MH fac operating for test purposes only at lat 41-04-09, long. 73-43-01, freq. 260 kcs, ident. dash dot dot. Class: MHW. (7-19)

WESTCHESTER CO. ARPT (WHITE PLAINS)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-6)

WINGDALE ARPT-Avail. lgt acft only - rough. (3-21)

ZAHNS AIRFIELD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 Jets are flying from Republic Fld. (5-8)

NORTH CAROLINA: ASHBORO ARPT-220' twr Rdo Stn WGWR being erected 6.5 mi NNE (13° true), temp obst lgtd. (5-14)
ASHEVILLE-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, approach all rnwys with ctn, equip on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status-no facs)
BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No army maintenance.
BOGUE MCAAF-Use in emerg only (caretaker status-no facs). (4-16)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const.(2-10)
CHARLOTTE-RADIO: Soon, rng will be shut down for approx 3 days for conversion to simultaneous fac. (7-14). Stn class will be: SBMLZ-DTV
CHERRY POINT MCAS-Equip. on rnwys. (6-30)
EDENTON NAS-Use in emerg only (caretaker status-no facs)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft, rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. Rnwy 5-23 closed. Equip. on fld. (6-13)
FORT BRAGG-Heavy firing is being conducted in all sections of Ft. Bragg danger area up to 20,000'. All acft must avoid this area shown on Flight Planning Chart 95 herein. Inten training days with rdo control target planes from fld 6 mi due E of N end Pope Fld Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flights conducted below 3000'. (1-29)
**GREENSBORO-RADIO: Auto. rng monitor sys comm July 18
GREENSBORO-HIGH POINT ARPT-Use rnwys only. (6-26)
HICKORY-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
JOSEPHSON ARPK (ASHEVILLE)-Four 181' twrs rdo stn WLOS being erected 0.5 mi NE (35° true), temp lgtd. (6-28)
KINSTON ARPT-Avail. civil acft only in emerg. (11-13)
NEW BERN-RADIO: Visual aural VHF rng completely shut down for freq. change. (7-10)
**PITT-GREENVILLE ARPT (GREENVILLE)-Bcn, range, port flood, and rnwy ctc lgts prior req. (1-7). See page 96.
POPE FLD (FT. BRAGG)-RADIO: AACS oper HF/DF stn temp suspended. (4-24). Army rng unreliable; all courses swinging, NW and SE courses too wide on on-course signal. ((5-12) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO-USE AUX. FLD. 2 MI S, AT FT. BRAGG. 73 oct. avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (7-18)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)
ROCKY MOUNT-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
**SIMMONS-KNOTT ARPT (NEW BERN)-36" rot. bcn green and white, bndry, rng and port flood lgts on req. (12-9). See page 96.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-N/S rnwy lgts very dim. (7-15)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 to 1630, all other times by prior arrangement with the CO or Operations Office. (7-16)
WILMINGTON-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
[redacted]: BISMARCK-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-15)
BISMARCK ARPT-Use rnwys only. Crash and fire fighting equip. avail. 0800 to 1900 only. 12' bldg and trenching opers in vcnty SE end NW/SE rnwy, mrkd. (7-8)
JAMESTOWN-RADIO: Range inop. Unkeyed 1020 cycle homing signal being cont emitted on carrier freq 344 kcs, except during voice transmissions. (7-16)
JAMESTOWN ARPT-Bcn and wind sock inop. Bndry and obst lgts will be in cont oper. during hrs of darkness. (7-15)
PEMBINA INT, SITE 14A, FO-WG-Closed to acft over 5000 lbs. (7-5)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Use rnwys only-newly seeded. (7-5)
OHIO: AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg. on arvl and dptr. Ltd svcg facs only. (5-1)
AKRON-CANTON ARPT-CO. FLD (CANTON)-Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right trafffic when landing or taking off to N, W and SW (3-1)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Soft in spring rainy season. (5-13)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W, SW, S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND-RADIO: Ctn-VHF rng unmonitored.
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr.. Landing fee on all civil multi-engine acft. (6-23)
CLINTON CO. AAF (WILMINGTON)-RADIO: Soon, courses of VHF rng will be realigned to: 04°, 94°, 184°, 274° (7-17) FLD: Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC Center upon entering or prior to dptr from ATC area. Inten inst train. being conducted; for danger area outline see Chart Columbus 63. Balloon 6' diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)
★DAYTON ARPT-RADIO: CAA ILS lclsr now equipped with voice, freq. 110.3 mcs., ident "DY". Approach bear. 55° Compass lctrs will be comm at a later date. See page 46. FLD: Sod area W Rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. Taxi strip on E side of fld between Rnwy 27 and Airline loading ramp rough. (7-15)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft. Ctn in wet weather. Use strips only. (3-27)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W. (2-23)
LANSDOWNE ARPT-Rough-land with ctn. Soft in wet weather. (5-13)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclsr of Army ILS inop. (12-30)
FLD: Equip. all rnwys 0800 to 1700 Mon to Sat until Aug. 31. (6-4)
LORAIN SKYPORT-Trans acft avoid fld in wet weather. (5-13)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24. (3-26)
MANSFIELD ARPT-Use rnwys, taxi strips only. Equip. on fld (const). Temp 35' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-26)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed. Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S, SW and W.
NEWARK ARPT-Guyed derrick 240' above gnd 1/4 mi W on Pure Oil Refinery Property. Eigh guy wires will fan out from top of structure. (7-5)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIV. ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)
PARKE WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E, NE, SE. (3-3)
★PATTERSON FLD (FAIRFIELD)-RADIO: Army ILS (SCS-51) inop. (6-3)
Army twr now transmits on 396 kcs., 126.18, 127.86 mcs. (7-3) FLD: Equip. on fld. Line of telephone poles 60' high 1500' Approach Rnwy 24, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)

OHIO: PAULDING ARPT-Soft when wet, land at own discretion. (2-26)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass ltrs at middle and outer mrkr sites of CAA ILS will be comm soon. (7-11) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. 30' portable twr on Curtiss Wright taxi strip W side fld 800' from E/W rnwy and 800' from NW/SE rnwy until approx Oct. 7 between 0800 and 1700. No fuel for trans mil. acft. (7-3)
**PUTNAM ARPT (OTTAWA)-New fld. Lat. 41-01-30, long. 84-01-30. See page 46.
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Acft use ctn in wet weather. (5-13)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
**SOLON ARPT-Flood lgts on req. (5-1). See page 140.
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
STOUT FLD (NORTH KINGSVILLE)-E/W strip closed. (6-1)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left hand 800' pattern. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots rqrd to register in Opers Office upon arvl and prior to dptr. Exper and production test flying immediate vcnty. Land according to wind tee atop NE corner of hangar. Mobile gnd traffic crossing SE end NW/SE rnwy intermittently. Open to trans acft only. (6-23)
TOLEDO-RADIO: Ctn-VORW rng unmonitored.
TOLEDO ARPT-Equip. on fld 1500' S intersection. Wind tee free swinging. All sod landings parallel to active rnwy. Major const extending from E thru SW quad. Sod areas this section closed except for taxiing. Equip. on various sections during const, mrkd. (7-15)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE/SW strip unden const. Strips unusable during thaws (3-2)
WELLINGTON-RADIO: VARW rng unmonitored.
WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy. Closed during thawing weather. (3-13)
WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-16)
YOUNGSTOWN-RADIO: Ctn-VORW rng unmonitored.
YOUNGSTOWN ARPT-Use rwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded areas. Tetrahedron ngts on req only. Hangar const NE portion fld approx 700' NW of NE/SW rnwy, unlgtd. (7-17)
OKLAHOMA: ALTUS AAF-Avail. only for deliverty surplus mil acft or in emerg. Equip. on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only. No fuel or svcg avail. trans acft-use Ardmore Arpt, site 10, FV-WD. Inten ctc and inst train. in progress. Use rnwys only. (5-27)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Center. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings center of each strip. (3-17)
**CHICKASHA ARPT-Rnwy ctc, range, obst lgts on req. No bcn or flood lgts. (3-4) See page 86.
COUNTRY CLUB ARPT (OKLAHOMA CITY)-Only N/S, NW/SE strips avail. (3-17)
**DAVIS FLD (MUSKOGEE)-24" rot, green bcn, ctc, range, obst lgts. No flood lgts. Fld lgts on req. (5-7). See page 84.
**DOWNTOWN ARPK (OKLA CITY)-New fld. Lat. 35-27-30, long. 97-32-30. (7-9). See page 86.
**EL RENO ARPT-Ctc and range lgts on prior req. No bcn. (3-4). See page 86.
GAGE-RADIO: Auto. rng monitor. sys installed, awaiting flgt-check before comm. (7-10)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
**GUTHRIE MUN ARPT-Course lgts changed to clear. (7-4)
**HALLIBURTON FLD (DUNCAN)-Bndry, range, obst lgts avail. prior req. No bcn or flood lgts. (3-5). See page 84.
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
**HOLLIS ARPT-Lat. 34-22-00, long. 99-55-15. (3-7). See page 84.

IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
**LAWTON ARPT-No bcn. (3-5). See page 84. Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs days only Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLAHOMA CITY)-Use rnwys only. (1-14)
OKLAHOMA CITY-RADIO: Soon, rng and voice commun. will be shut down for modernization. (7-7)
POST FLD (FT. SILL)-All except liaison acft use rnwy. Rnwy unlgtd; closed ngts. Const, equip. on fld. Bcn atop water twr inop. (3-7)
ROOSEVELT-RADIO: Ctn-VHF rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only (3-17)
STILLWATER ARPT NO. 1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160° true). (2-20)
TINKER FLD (OKLA CITY)-RADIO: Army rng unreliable, for homing only. (6-11)
FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested 6' obst N end N/S rnwy 100' off center. (6-11)
TULSA ARPT-RADIO: CAA ILS lclzr and glide path will be shut down Sept 8 until Sept. 12, for adjustment and installation work. (7-18) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-25)
WILL ROGERS FLD (OKLA CITY)-RADIO: Soon, lclzr and glide path of CAA ILS will be shut down for approx 3 days for installation of compass lctrs. (6-24)
FLD: Bndry lgts inop-ctc lgts on rnwy in use will burn cont ngts. All asphalt taxi strips closed to DC-4 type acft. Use rnwys, taxi strips only. (4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)
OREGON: ASTORIA-RADIO: Effect. Aug. 1, rng oper by Port of Astoria will be oper only when West Coast Airlines acft in vcnty and will be shut down at all other times except when prior arrangement made for its use. (7-17)
BAKER ARPT-Use rnwys only. (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
**CLATSOP ARPT (ASTORIA)-Bcn, range, apron flood, obst. and rnwy ctc lgts on req. Total charge for lighting arpt $5.00 (12-5). See page 1. Formerly Clastop Co Arpt. (12-5-46). See page 1.
COASTWAY SCHOOL OF AERONAUTICA (TILLAMOOK)-Right traffic W takeoffs and landings. (3-17)
★EUGENE-RADIO: Adtnl VHF voice fac avail. on 116.1 mcs. Stn now gds 3105, 4495, 6210, 3117.5 kcs, 116.1, 122.1 mcs. (7-21). These data rcvd too late for chart and data page. VHF omni-directional range oper for test purposes, not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-27)
EUGENE ARPK-Restriction to acft weighing over 4000 lbs has been rmvd. (7-18). These data rcvd too late to delete ⓓ symbol.
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade. (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)
KLAMATH FALLS ARPT-Rnwy lgts Rnwy 7-25 inop. (2-19)
**LAKEVIEW ARPT-Correct location: lat 42-09-30, long. 120-24-15. Bcn, 24" rot, clear opers on req. (5-8). See page 20.
LEXINGTON ARPT-Right traffic when landing to the E. (4-26)
★MAHLON SWEET FLD (EUGENE)-RADIO: Outer mrkr of CAA ILS now monitored. (7-15)
FLD: Equip. on fld. Use rnwys only (5-2)
★MEDFORD ARPT-RADIO: AACS oper HF/DF stn temp suspended. (4-24). Army air/gnd stn now transmits on and gds 8280 kcs, in addition to freqs previously published. (7-16) FLD: Use rnwys, taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10 mph. No bndry or flood lgts No maintenance mil acft. (3-12)
ONTARIO-RADIO: 122.1 mc rcvr temp inop. (6-10)
PENDLETON-High explosive demolition being conducted approx 30 mi NW within the following described area: beginning at a pt. 1 mi W of the Union Pacific RR crossing over the Umatilla River 4.5 mi SW of Hermiston, thence 5.25 mi N, thence 6.5 mi. W, thence S to an intersection with the Union Pacific RR at a pt. 6.5 mi WNW of pt. of beginning.
PILOT ROCK ARPT-Usable lgt acft. (5-2)
PORTLAND-RADIO: VORW rng comm for test purposes, with no ident. Not flgt-checked, is unmonitored and should not be used for navigational purposes. (6-29)

[redacted]: PORTLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for
** mobile gnd traffic. (5-24) FLD: Lgtd 260' rdo twr for stn KPDQ erected 8 mi SSW (195° true) at lat. 45-28-12, long. 122-39-43. Lgtd 108' rdo twr for stn KPRA erected 7.5 mi SSW (210° true) at lat 45-29-23, long. 122-41-40. (6-27) Acft landing this fld must have workable 2-way rdo. (5-20).
**ROBERTS FLD (REDMOND)-B-2 ctc, range, obst lgts avail. on prior req or by signal. No bcn. (5-5). See page 1.
**ROME FLIGHT STRIP-No lgts. (5-6). See page 21.
ROSEBURG INT, SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W (3-13)
SEASIDE ARPT-Right traffic S takeOffs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED (6-14)
THE DALLES ARPT-NE/SW rnwy unlgtd. (7-10)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)
[redacted]: ALLEGHENY CO. ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17) FLD: N/S rnwy closed Equip. on fld, mrkd. Closed to non-rdo-equipped acft. Truck and trailer N edge NW/SE rnwy, lgtd Flash. ident. bcn inop. Exten repairs on all rnwys and taxi strips, mrkd. (5-28)
**ALLENTOWN-RADIO: VHF rng decomm July 10th.
ALLENTOWN-BETHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9, 14, 18, inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180° true)(3-20)
**ALTOONA ARPT-175' rdo twr for stn WRTA 7 mi NNE (17° T) obst lgtd, comm June 1 300 mm red code bcn on top twr flashing 40 times per min comm June 2.
BARRETT ARPT (CANADENSIS)-CLOSED (const)(12-18)
BEAVER FALLS-Patterson Heights Arpt. 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW.(1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt Use right traffic on W take-off. (3-14)
CARLISLE-RADIO: FM will be decomm concurrently with the comm of the New Kingston FM on the W course of Harrisburg rng.
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in vcnty of Imperial, Pa (6-15)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E 500' extension E end E/W strip under const. Soft when wet. (2-21)
CLEARFIELD ARPT-Right traffic when landing or taking off to the E, NE and SE (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E (3-10)
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EMLENTON ARPT-CLOSED (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-First 500' Rnwy 23 and first 600' Rnwy 14 closed. Ltd transportation. (6-2)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only Cost N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
HARRISBURG-RADIO: About July 29, the New Kingston VHF fan mrkr will be comm Lctd on the W course of Harrisburg rng at lat 40-13-49, long 77-04-44, 10 6 mi from range Iddnt four dashes. Concurrently with the comm of New Kingston FM, the Carlisle FM will be decomm. (7-14)
HARRISBURG STATE ARPT-RADIO: Twr equipped to transmit on and guard 121 9 mcs for mobile gnd traffic. (6-19) FLD: Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10)
**JOHNSVILLE ARPT-Rnwy and taxi strip lgtg comm July 1, 1947. (7-21). See page 68.
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather Use rnwys only. (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
LANSDALE ARPT-Right traffic when taking off to the E. (5-7)
MIFFLIN CO. ARPT (REEDSVILLE)-NW/SE strip under const. (5-21)

[redacted]: MILLARD ARPT (ANNVILLE)-Sod area soft-use strips only. (5-12)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION AIRPORT-Left traffic 600' pattern. Student training Landing according to wind tee S end field. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obsts. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Airport for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (7-7)
**NICHOLSON-MOUNT VIEW ARPT (NICHOLSON)-Formerly carried Mount View Arpt (Nicholson)(3-4). See page 52.
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 60' high tension wires across approach zones Rnwys 29,14. Lgtd obsts between Rnwys 29, 32, approx. 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use Rnwys 11,32 for ngt landings. Closed to P-80 oper except in emerg. (7-2)
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin. Bldg on arvl and dptr. (5-16)
**PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on guard 121.9 mcs for mobile gnd traffic. (4-14) FLD: Lgtd 262' rdo twr, 367' above sea level, for stn WPWA erected 8 mi W (268°T) at lat. 39-52-18, long. 75-22-58. (6-14) Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing Unlgtd poles approx 20' high across approach to Rnwy 9 approx 1200' W of approach end of rnwy. Other unlgtd poles 45' high in const area W and NW of arpt-clear of approaches. Equip. immediately vcnty of ILS glide path fac days. (7-4)
★PITTSBURGH-RADIO: D/F stn rcvs on the following frequencies: 3105, 4122.5, 4495 4937.5, 5572.5, 5612.5, 5697.5, 6210 kcs. All data are relayed through Pittsburgh Commun. Stn. Cont. oper but bearings on req only. Pilots calls Pittsburgh Rdo and requests DF assistance. Acft communicator will then advise pilot of mag. bear towards the stn and intervals for making calls. (7-3)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
QUAKERTOWN ARPT-Exten training 5 mi radius. (6-9)
READING ARPT-Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. (6-20)
STAR VALLEY ARPK (CHARLEROI)-Equipment on fld intermittently Caution in wet weather. (4-1)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings (4-8)
**TREXLERTOWN ARPT-New fld. Lat. 40-33-00, long. 75-35-30. (2-27) See page 66.
VALLEY FORGE ARPT (NORRISTOWN)-E/W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
**WASHINGTON-Bcn site no. 13 CO-PG arwy lctd 6.5 mi NW decomm. July 15, 1947
WEST CHESTER ARPT-Strips under const. Right traffic on W and N take-offs. (6-3)
WILKES-BARRE-SCRANTON ARPT-Use rnwys only. (6-4)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)
WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail. for emerg. landings or by prior req. Const S side fld, mrkd. (6-23)
WILLOW GROVE NAS-Closed from official sunset to 0600. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equipment on fld. (3-26)

RHODE ISLAND: BERKELEY ARPT-Right traffic for landings and take-offs to the S.(6-23)
CHARLESTOWN NAAS-Closed 1800 to 0700. Flgts desiring landings during closed hrs must notify stn 1 hr prior ETA. Rnwy 4-22 avail. in emerg. Rnwy 12-30 closed-resurfacing. Parking space for overngt acft not avail. Positive two-way commun with twr necessary for all landing acft. Use extreme ctn. (7-15).
GREENE ARPT (PROVIDENCE)-RADIO: Twr equipped to transmit on and guard 121.9 mc s for mobile gnd traffic. (6-7). FLD: Soft spot on turf area S of rnwy intersection, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. Du: ng hrs of darkness rstd to acft with functioning 2-way rdo. (5-8)
PROVIDENCE-RADIO: Ctn - VHF rng unmonitored. (5-21)
SOUTH CAROLINA: AIKEN MUN. ARPT-Race track shown within arpt symbol on Savannah Chart. This has confused inexperienced students flying from other flds who have attempted to land on the race track - ctn. (6-25).
••CHARLESTON MUN ARPT-Lat 32-53-45, long 80-02-15. (1-16) See page 118.
CLARK FLD (CHARLESTON)-Strips rough. (4-28).
••COLUMBIA MUN ARPT-Formerly carried as Owens Field (Columbia) (12-16) See page 118. Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd.. (7-18).
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
FLORENCE ARPT-Closed ngts (bcn, rnwy, obst lgts inop). (6-30)
GEORGETOWN CO. ARPT-Bcn inop (4-28)
GREENVILLE AAB-RADIO: Army emerg bcn placed in oper on 1742 kcs. Bcn is jeep-mounted and placed at approach end of active rnwy upon req to twr, 24 hrs daily. Ident consists only of series of dots followed by 2 long dashes and then repeats. No voice modulation avail. Pwr is 5 watts with rng limited to 15 mi. (5-23). FLD: Occasional heavy glider traffic. Maintenance 0830 to 1700 only. Acft parked on E/W rnwy. (7-2)
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 N. (3-21)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (7-10) FLD: Control of air traffic discont. Bndry lgts inop. Taxi strip between NE/SW and E/W rnwys unlgtd. (7-18)
MYRTLE BEACH-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
MYRTLE BEACH AAF-Inst training at 1000 and 5000' alts 50 mi radius during IFR. (6-9)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
••SPARTANBURG MUN ARPT-Formerly carried as Memorial Arpt (Spartanburg)(10-30) See page 92. Use rnwys, taxi strips only. (5-1)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)
SOUTH DAKOTA: ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
BROOKINGS ARPT-W portion fld soft in wet weather. bal fld usable with ctn. (3-27)
GERONIMO ARPT-Rough and dangerous-unattended. (5-20)
••HURON ARPT-Formerly carried as W.W.Howes Arpt (5-8). See page 12. Closed to acft exceeding 25,500 lbs. Use black-top rnwys only. Stakes on grass areas. (6-4)
PIERRE-RADIO: Rng-flgt-checked July 8, courses correctly aligned.
RAPID CITY AAB-Equip. 300' S of E/W rnwy to 700' W of N/S rnwy; equip. lgtd. E/W rnwy closed. (6-4)
SIOUX FALLS MUN. ARPT-Use rnwys only. Tetrahedron rmvd. In fld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
TENNESSEE: BERRY FLD (NASHVILLE)-RADIO: CAA ILS operating without voice. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27).
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° aside from 900' (5-7)
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Ctn-VHF rng unmonitored, unattended and should not be used for navigational purposes.
JACKS CREEK RADIO: Stn lctn mrkr inop. (7-10).

TENNESSEE: KINGSTON-RADIO: July 10, FM on W course of Knoxville rng shut down until about Aug 10, for relctn to lat 35-47-30, long 84-36-25.(7-3)
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
LENOIR, BCN SITE 13, NA-WA-About Aug 1, will be discont and relctd to approx center line of airway. Chattanooga Chart. (7-17).
••LEWISBURG ARPT-Lgtd 180' rdo twr for stn WJJM erected 0.5 mi NE at lat 35-26-58, long 86-46-55. (6-28)
McGHEE TYSON ARPT (KNOXVILLE)-S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. (3-13).
McKELLAR ARPT (JACKSON)-Use rnwys only - parked acft.
MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type acft Thursdays 1930C to 2230C until further notice. THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
★MEMPHIS-RADIO: Auto. rng monitor. sys comm July 14.
MEMPHIS ARPT-RADIO: Traffic will be controlled from twr on N side of fld when wind velocity is 45 mph or less, during periods when wind velocity at Memphis is in excess of 45 mph twr and approach control will be inop on N side of fld. At such times, traffic will be controlled by lgt gun signal from old twr atop term bldg on S side of fld. Middle and outer compass lctrs of CAA ILS temp inop. (6-19) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip. on fld. Avail. private acft equipped with fully operating 2-way rdo. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. No 91 oct. (7-2)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27,000 lbs. Equip. on all rnwys. (7-17)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7) ARPT: Temp inactive no facs. (6-8)
STEWART FLD (UNION CITY)-Use rnwys only-parked acft.
TRI-CITY ARPT (BRISTOL)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8)
TEXAS: ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr. (3-13)
★ALICE-RADIO: July 14, N and S courses realigned to 153°, 333°. Courses flgt-checked, and correctly aligned.
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. Bcn inop. (6-16)
ANDERSON FLD (EL PASO)-RADIO: Aug 25, CAA ILS lclzr and glide path will be shut down until approx Aug 24, for adjustments and installation work. (7-18) ILS flgt-checked
•• July 14, oper normal. FLD: Formerly carried as El Paso Mun. Arpt. (1-26). See page 104.
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17).
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17).
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO: Stn gds 3117.5 kcs 2300 to 0700.
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
★BERGSTROM FLD (AUSTIN)-RADIO: Army ILS (SCS-51) fac lclzr has been modified for a 5° course width. Recommended for flgt crew training only until further check. (7-17)
FLD: NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N.M. (12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700.(2-27) Auto. rng monitor sys installed but not comm.
★BROWNSVILLE-RADIO: July 10, N course realigned to 153°. Following realignment "A" and "N" quadrants reversed. Courses gnd-checked only. Rng and stn mrkr flgt-checked July 15, courses correctly aligned. (7-15). Commun stn guards 3117.5 kcs

[redacted]: during hrs 2400 to 0800. (2-23).
[redacted]CE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn - VHF rng unmonitored. (4-10)
[redacted]BOLO CREEK-RADIO: July 18, approach FM comm on N course of Alamo rng at lat 29-42-53, long 98-27-05, bear, and dist, 354°, 9.5 mi. Pattern elliptical, ident one dash Flgt-checked, oper normal.
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28°) true. (2-3)
CLEVELAND-RADIO: Ctn - VHF rng unmonitored. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only. Farming opers in progress 200' E of N/S rnwy and 200' S of E/W rnwy. (6-12).
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273°) true. Rdo stn KCBD erecting three 315' twrs 2.5 mi SE (123°) true. (3-24)
CORPUS CHRISTI-RADIO: Commun stn guards 3117.5 kcs between hrs 2300 to 0700. (2-27)
CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Mun. twr comm. Oper. 1230 to 2130, daily except Weds. Lgt gun oper only. (5-23). FLD: Traffic left 600'. Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. Use rnwys only-farming opers. (6-16).
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld acft in wet weather. Landings to be made within orange cone bndrys. (3-12)
**CURTIS FLD (BRADY)-Rot bcn, bndry and obstruction lgts avail. (10-31) See pages 107, 121, 125.
DALLAS-Extensive night flying by small acft up to 1000 ft. in vicinity of Hudson Arpt. (approx 8 mi NE Love Arpt). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIRSPACE SUBCOMMITTEE.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY APRT (CARRIZO SPRINGS)-Use in emerg only. Const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196°) true. (2-25)
ECTOR CO. ARPT (ODESSA)-CLOSED. (7-20)
**EDGERTON FLD (CUERO)-ABANDONED. (4-8) See page 124.
EGYPT, BCN SITE 13, ZN-HU-Temp inop. (5-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. Exten Reserve training daily until 1900 Tues and Weds until 2200 under CFR. (6-3)
ENGLISH FLD (AMARILLO)-RADIO: Sept 2, CAA ILS lclzr and glide path will be shut down until approx Sept 6, for adjustments and installation work. (7-18) CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255°) true. 250' derrick being used during const, lgtd. (4-5)
FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop (5-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)
★FORNEY-RADIO: July 17, FM on E course of Dallas rng decomm.
FORT WORTH AAF-40' trees immediate end Rnwy 35L. (6-12)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
*GAINESVILLE ARPT-CLOSED (7-7) See page 108.
*GALVESTON ARPT-Bcn, range, obst and rnwy ctc lgts oper dusk to dawn (12-11) See page 126.
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GILSKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GOLCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17).
**GOODFELLOW FLD (SAN ANGELO)-RADIO: Army air/gnd stn in oper on VHF Channels C, A, and D. (7-15)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
★GREGG CO. ARPT (LONGVIEW)-RADIO: CI twr comm July 14, transmits on 272 kcs.,

TEXAS: 118.5, 121.5 mcs. See page 108 FLD: NE/SW rnwy unlgtd. (7-15)
GUTHRIE-RADIO: Ctn - VHF rng unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1)
HICKS FLD (FORT WORTH)-Use strips only - parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HOUSTON ARPT-RADIO: Outer mrkr of CAA ILS shut down for installation of compass ltrs. About July 30, ILS lclzr and glide path will be shut down until approx Aug 3 for installation work and adjustments. (7-17)FLD: Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)
INTERNATIONAL ARPT (BROWNSVILLE)-RADIO: Outer mrkr of CAA ILS flgt-checked July 15, oper normal. Aug 5, CAA ILS lclzr and glide path will be shut down until approx Aug 9 for adjustment and installation work. (7-17) FLD: Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158°) true. Six 40' antenna poles 1/4 mi S and 500 yds E of W side fld, lgtd. (6-5)
JEFFERSON CO. ARPT (BEAUMONT)-Rnwy ctc lgts operated on req only. Reqs should be made thru arpt manager or Beaumont Rdo. (6-10)
JOAQUIN-RADIO: Ctn - VHF rng unmonitored. (4-10)
JUNCTION-RADIO: Ctn-VAR rng unmonitored.
KELLY FLD (SAN ANTONIO)-RADIO: AACS oper HF/DF stn temp suspended. (4-24)
FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop (5-12)
LAREDO-RADIO: Stn lctn mrkr oper erratic. (6-18)
LAREDO MUN. ARPT-Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. Tetrahedron free swinging and will be lgtd upon rdo req. (6-11).
LONE OAK, BEACON SITE 5, DL-LV-Temp discont. (9-10)
LOVE FLD (DALLAS)-RADIO: Aug 14, CAA ILS lclzr and glide path will be shut down until approx Aug 16 for adjustments and installation work. (7-18)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
**MARATHON ARPT-Formerly carried as Combs Arpt (Marathon) (7-8) See page 120.
MARSHALL ARPT-304' twr being erected 3 mi NW (317°) true, lgtd. (2-11)
MEACHAM FLD (FT. WORTH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7) Aug 20, CAA ILS glide path and lclzr will be shut down until approx Aug 24 for adjustments and installation work. (7-18) FLD: In wet weather use rnwys, taxi strips only. 260' single vertical twr being const 4 mi ESE (115° true) temp lgtd. Grain elevator 967' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. 1000' extension being const S end N/S rnwy. Equip. in const area. Discontinuance of approach lgt lane on N end N/S rnwy postponed. 265' twr rdo stn KCNC being erected 5 mi SE (135° true). Taxi strip leading to Rnwy 17 under const. (6-2)
MONTGOMERY CO. ARPK (CONROE)-Avail. only acft equipped with landing lgts. (3-17)
NIXON, BCN STTE 4, ZN-HU-Temp inop. (5-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)
PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)

TEXAS: ★PHANTOM HILL-RADIO: July 21, approach FM comm on N course of Abilene rng at lat 32-36-36, long. 99-39-00 about 9.4 mi from rng stn. Bone-shaped, ident one dash. These data rcvd too late for charts.

••PHARR ARPT-New fld. Lat 26-10-00, long. 98-11-00. (4-2). See page 122.

PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)

POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)

PYOTE AAF-Rnwys 18-36,7-25 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)

RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. Rnwy 1-19 unsafe for acft over 10,000 lbs. (6-5)

RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)

ROBERT MUELLER ARPT (AUSTIN)-RADIO: About Aug 15, CAA ILS will be comm serving NW/SE rnwy with approach from SE. Voice equipped lclzr will oper on 109.5 mcs, ident "AUS", transmitter will be lctd 900' NW of NW end of NW/SE rnwy on rnwy centerline extended. Glide path will oper on 332.6 mcs, transmitter lctn 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy. Middle mrkr will be lctd 3636' SE of the SE end of the NW/SE rnwy and 50' SW of the rnwy centerline extended, keying alt dots and dashes; outer mrkr will be lctd 6.12 mi SE of the SE end of the NW/SE rnwy on the rnwy centerline extended, keying two dashes per sec. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)

RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)

SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)

SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.

★SAN ANTONIO-RADIO: July 17, NE and SE courses of Kelly rng realigned to 195°, 318° (7-1). Rng flgt-checked, courses correctly aligned.

SAN ANTONIO ARPT-ALAMO FLD-RADIO: Aug 11, CAA ILS lclzr and glide path will be shut down until approx Aug 15 for adjustments and installation work. (7-17) FLD: Acft arriving after dark rqrd to have two-way rdo. (2-27)

SAN BENITO INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)

SAN MARCOS AAF-Ctn-helicopter and liaision pilot training. (10-15)

SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Unlgtd N/S rnwy on W side fld rstd to acft of 450 HP or less. Left traffic on all rnwys, entering at 45° down-wind leg at 800'. (5-28)

★SIERRA BLANCA-RADIO: VHF rng flgt-checked and comm on cont oper on an unmonitored basis July 13, no control facs and without means of remote control. Lctn: lat 31-08-00, long. 105-13-24. Freq. 108.7 mcs, ident. "IB". Visual courses: 114°, 294°; aural courses: 24°, 204°. Class: VARW. These data rcvd too late for inclusion on charts and for ⓪ symbol.

SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation, no housing. messing facs. Closed to all acft except on off. bus. or emerg. (6-23)

★SPRING BRANCH-RADIO: July 18, FM on N course of Alamo rng decomm.

••STEWART FLD (TYLER)-Lgtd 240' rdo twr for stn KRST erected 2.3 mi SW (230° true) at lat 32-19-10, long. 95-17-15. (6-6)

STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)

T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)

••TEMPLE ARPT-Lgtd 400' rdo twr for stn KTEM erected 2.0 mi E (90° true) at lat 31-07-20 long. 97-20-00. (7-8)

TERRELL, BCN SITE 6, FY-AG-Temp discont. (9-18)

TEXARKANA-Demolition opers are being conducted approx 15 mi WSW Texarkana Arpt. 0800-1615 daily except Sat and Sun. All acft ctnd to fly above 1500' over this area.

TEXAS: TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true). (4-22)

VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)

VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)

WHITE FLD (BRADY)-CLOSED. (6-7)

WHITE ROCK ARPT (DALLAS)-520' twr Rdo Stn KIXL-FM being erected 2.2 mi SW (232° true). (6-9)

★WINK-RADIO: Auto. rng monitor. sys comm July 14. (7-15). Rng flgt-checked, courses correctly aligned. (7-16)

WINK ARPT-Rnwy lgts inop. (4-26)

WOLFE CITY ARPT-Use in emerg only. (2-25)

YATES-RADIO: About Aug 4, MHW fac will be comm on N course of Alamo rng, 3.36 mi N of rng stn at lat 29-37-42, long. 98-27-48. Freq. 245 kcs, ident. "O". (7-17)

UTAH: DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)

ENTERPRISE INT, SITE 39, LA-SL-CLOSED (rough, soft). (5-29)

HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)

HURRICANE ARPT-Soft when wet. (4-3)

MILFORD-RADIO: July 2., CAA Commun Stn will be moved to new quarters at Milford Arpt, Stn class will be changed to: BMRLZ-DT. Anticipate approx 24 hrs shutdown of voice communs and rdo rcvg facs during move. (7-11)

MILFORD ARPT, SITE 45, LA-SF-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Badry lgts temp discont. Course lgts changed to clear. Dirt areas soft. Three 25' poles erected N side of new const on E side fld. (7-8)

PROVO ARPT-NNE/SSW, NV/SE rnwys avail. all acft days. ENE/WSW rnwy closed. Equip. on ends of rnwys intermittently. (5-12)

ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)

SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to agt opers. (4-20)

SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)

SALT LAKE CITY ARPT NO. 1-Use rnwys, taxi strips only during wet weather account shoulders soft. Right traffic when winds are from S, SE, E. Prevailing wind rnwy lgts operating ngts. (6-18)

THOMPSON, BCN SITE 60, LA-DV-About July 25, new bcn site will be comm 8 mi SW of Thompson, Utah at lat 38-53-45, long. 109-48-30. Elev 4774'. Site will be clear 6 RPM bcn and red course lgts flash. char "O". (7-19)

WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip area, from 0800 to 1800. See chart 23.

WENDOVER FLD-Obst lgts on mtns N and W of fld inop. (4-7)

VERMONT: BARRE MONTPELIER ARPT-Use rnwys only. (12-31)

BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)

LEMMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)

VIRGINIA: ALBERTA ARPT-ENE/WSW, NNW/SSE. strips rough. Ends and sides mrkd by 12 yellow mrkrs. (5-21)

ALEXANDRIA ARPT-NW/SE rnwy lgtd until 2100 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts (5-28)

ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)

BLACKSTONE-RADIO: At intermittent periods, reception on high freqs unreliable (hvy lcl interference). (7-2)

BLACKSTONE ARPT-Tetrahedron inop, unlgtd. NE/SW rnwy avail. full length and 250' wide from NW side of NE/SW rnwy. 5 and 7" rises of concrete 24' wide at seams on SE side NE/SW rnwy, mrkd. 5" rise lctd 450' NE and 7" rise lctd 75' SW of intersection NE/SW and NW/SE rnwys. (6-17)

BYRD FLD (RICHMOND)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (7-18). June 9, middle and outer mrkrs of CAA ILS temp inop pending relctn, concurrently with this relctn compass lctrs will be installed. Lclzr will remain in oper. (6-9) FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Oper of acft during hrs of darkness rstd to acft equipped with functioning

VIRGINIA: 2-way standard rdo. During daylgt hrs acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by CAA arpt traffic control twr or in emerg (7-16)
CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair-unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. Rnwy 10-28 closed Equip. on fld (7-11)
**CREEDS ARPT-Inactive. (7-2). See page 96.
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C; NAS Patuxent River, Md.; NAS Norfolk, Va.; NAS Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I ; Naval Acft Factory, Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valparaiso, Fla.; Langley Fld, Va.; Wright Fld, Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)
DANVILLE ARPT-Rnwy lgts will be operated by INSAC personnel 0800 to 2400. From 2400 to 0800 lgts will be unattended and rnwy nearest in line with wind direction at 2400 will be lgtd. Grassy plots soft when wet, rough when dry. Use only hard surfaced rnwys and taxi strips. Tetrahedron free swinging. (5-26)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-28)
FENTRESS NAAS-Use in emerg only (caretaker status-no facs). (2-19)
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)
HERMITAGE ARPT (RICHMOND)-Right traffic pattern on take-offs and landings in S and SW directions. (7-16). These data rcvd too late for ⓐ symbol
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
**HUMMEL FLD (HARTFIELD)-Formerly carried under Greys Point. (7-17). See page 66.
★LANGLEY FLD-RADIO: Army twr no longer bdcasts weather. (7-3) AACS, oper HF/DF stn temp suspended. (4-24) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. (1-14)
LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)
LYNCHBURG-RADIO: At intermittent periods especially during dry weather rcvg watches on high freqs impaired by pwr noises. (6-17)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: VHF rng shut down for indefinite period. (5-8)
NORFOLK ARPT-Const SW end of fld. Tetrahedron unlgtd and uncontrollable. Expect repairs to be completed late in Aug. (7-17)
NORFOLK NAS-EAST FLD-RADIO: Navy GCA fac inop. (7-17) FLD: Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo ctc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish ctc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound or N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs ctc Norfolk Rdo or Navy Norfolk Twr earliest possible for further clearance instructions. (3-18)
OCEANA NAAS-Facs avail. 0730 to 1600 Mon thru Fri. Ltd facs avail. 1600 to sunset Mon thru Fri and 0730 to sunset Sat and Sun. for essential military flgts only. After sunset emerg landings only. Fld lighting sys under const-unreliable. Soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. (7-8)
ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)
PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landings toward SW (Newport News). Left hand pattern when wind conditions require take-offs and landings to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar. (5-19)
PRESTON GLENN ARPT (LYNCHBURG)-RADIO: At intermittent periods especially during VIRGINIA: dry weather twr rcvg watches on high freqs impaired by pwr noises. (6-17). Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic (6-6) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
**PUNGO NAAS-Formerly Pungo Arpt. Repossessed by Navy. (7-2). See page 140.
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-6)
RICHMOND-Elko Aux Fld 5 mi E of Byrd Fld is similar in design and layout to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)
WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10). FLD: Ext local traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach. Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or operations prior to taxiing. (2-28)
WASHINGTON: SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3; Spokane Sectional, and Washington 5 Danger Area Charts).
ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E (78° true). Cable will run N/S between lat 48-13, long. 121-55, on Wheeler Mtn and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley. Bcn inop. (4-28)
BARRY'S SKYHARBOR ARPT (TACOMA) Right traffic, W take-offs and landings. (3-17)
BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. N/S rnwy closed. (7-17)
**BOEING FLD (SEATTLE)-Code bcn flashes "SA". (7-10). Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)
BUENA ARPT-Right traffic E take-offs and landings. (3-17)
CLE ELUM ARPT-Right traffic E takeoffs and landings. (3-17)
COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E takeoffs and landings. (3-17)
COUPEVILLE OLF-Closed except in emerg.
EPHRATA ARPT-Wild horses on fld. (8-3)
FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher Bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)
HARRINGTON INT, SITE 19, SA-HL-Equip. on fld days. (7-9)
KELSO ARPT, SITE 61A, SF-SA-Closed ngts. Days all traffic keep to W of red flags mrkg bndrys. Equip. on fld. (7-17)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)
**LAKE UNION SEAPLANE BASE (SEATTLE)-Arpt of Entry. (7-2)
L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lctd 1 mi N for gas truck or fone Prosser 91114. (5-20)
LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings. (3-17)

[redacted]: MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500 x 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)
McCHORD FLD (TACOMA)-RADIO: AACS operated HF/DF stn temp suspended until further notice. (4-24) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD: Use rnwys, taxiways only Equip. on fld. (12-11)
MT. CATHERINE, BCN SITE 4, SA-HL-Bcn inop. (7-17)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs advance notice thru Whidbey Island NAS. Bcn inop. (3-20)
NELSON RIDGE, SITE 6, SA-HL-About Aug 1, bcn will be dismantled and relctd at lat 47-11-30, long. 121-01-42, 1½ mi SE of present lctn. After relctn bcn will be recomm with no change in char (5-13)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn local and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Lgts inop. (5-29)
PASCO-See Special Notice (first ietm under state heading).
PIERSON ARPK (VANCOUVER)-Const. Use North E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)
S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings. (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intermittently. (9-14)
SEATTLE NAS-Single-engine acft approach from Kirkland 1500' descending to 1000' over the stn. Seaplanes approach over Lake Washington from N or S under 200'; landing area lgtd on req between sunset and sunrise. Rnwy 14-32 lgtd 30 minutes prior to arvls and dptrs between sunset and sunrise and on req. Tetrahedron lgtd sunset to sunrise. (5-27)
**SEATTLE-TACOMA ARPT-RADIO: Outer mrkr of CAA ILS unmonitored. (6-5) FLD: 36" green and white rot. bcn, range, obst, rnwy ctc lgts and neon approach lgts oper sunset to sunrise. (6-6). See page 142. Equip. on fld days. (5-22)
SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only. (5-20)
SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)
WALLA WALLA AAF-RADIO: DF stn will be relctd at Spokane AAF soon. (6-16) FLD: No opers office. Equip. on fld days Mon thru Fri. (3-24)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)
[redacted]: **BOONE FLD (RONCEVERTE)-Formerly carried as Ronceverte Arpt. (1-31). See page 64.
ELKINS ARPT-Ctc Elkins Rdo or circle for before landing. (3-14)
HUNTINGTON ARPT-305' twr Rdo Stn WHTN being erected 2.1 mi SSE. (7-4)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rain. (4-10)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn - VHF rng unmonitored. (4-9)
[redacted]: CAMP McCOY ARPT-Emerg use only-not maintained. (6-12)
CHAPLIN'S ARPK [PLYMOUTH)-Only E/W strip avail. Will continue for approx four months. (7-7)
CLINTONVILLE ARPT-Equip. on fld extending NW/SE rnwy. Use ctn-observe grade stakes NW corner fld. (7-7)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (7-7)
EAU CLAIRE MUN. ARPT-Use rnwys only. (7-5)
GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedure rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for ½ mi. Obst lgt atop 95' chimney SW corner fld inop. Rdo rcvr req for all lcly based acft. NW/SE rnwy and S taxi strip closed until approx Oct 12. (7-12)

[redacted]: GINNOW ARPT (OMRO)-Use strips only. (7-5)
LA CROSSE ARPT-Use rnwys only (5-23)
**LAKE GENEVA ARPT-New fld. Lat 42-39-00, long. 88-31-30. (6-21). See page 30.
MERRILL ARPT-Use rnwys only-soft after heavy rains. (6-3)
MOREY ARPT (MADISON)-Use strips only. (5-19)
**OCONTO FALLS ARPT-ABANDONED. (7-14). See pages 16 and 30
RICHLAND FLYING CLUB INC. (SEXTONVILLE)-Equip. on fld. (5-5)
SHAWANO ARPT-Soft when wet-use rnwys only. (6-3)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (7-1)
STEVENS POINT ARPT-Use rnwys only. (5-23)
THREE LAKES ARPT-Const. (6-13)
TOMAH ARPT-N/S strip under const. Will continue until approx the Fall. (7-7)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 until 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. Three 257' rdo twrs 11 mi S, lat 42-58-45, long. 89-18-58, t emp lgtd. During const, remaining 3 rdo twrs obst lgtd top level. (7-13)
WAUPUN ARPT, new-New arpt under const 2 mi WSW Waupun. Closed to trans acft. (7-5)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic, 600'. (7-5)
[redacted]: ARCHER-RADIO: FM will be decomm concurrent with comm of Cheyenne ILS. (7-11)
CHEYENNE-RADIO: Soon, Hillsdale VHF bone-shaped FM will be comm at lat 41-09-30, long. 104-31-30, 16.2 mi E of Cheyenne low freq rng, ident one dash.
CHEYENNE ARPT-RADIO: CAA ILS will be comm soon. Voice equipped lclzr on 110.3 mcs, ident. "CX". Transmitter lctd 457' W of the W end of the E/W rnwy. Mag heading for landing: 262°. Glide path on 335 mcs, lctd 982' W of approach end and 400' S of centerline of E/W rnwy. Middle mrkr lctd 3461' E from approach end E/W rnwy, keyed alt dots and dashes; outer mrkr 32,274' E from approach end E/W rnwy, keyed 2 dashes. Middle compass lctr on 230 kcs, ident "X", outer compass lctr on 260 kcs, ident. "C". FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (7-7)
JACKSON MUN. ARPT-Cattle on fld intermittently. (6-13)
RAWLINS ARPT-Equip. on rnwys. (4-17)
ROCK SPRINGS MUN. ARPT-Use rnwys, taxiways only, bal fld unsafe-const. Equip. on fld. Glide path bldg 400' S and 750' from E end E/W rnwy. (7-8)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)
WORLAND ARPT-Strips under const. Equip. on strips days. Use with ctn. (5-21)

RADIO FACILITY CHARTS
U.S. COAST & GEODETIC SURVEY
DEPARTMENT OF COMMERCE

The U.S. Coast and Geodetic Survey of the Department of Commerce publishes a series of radio facility charts covering the entire United States. There are forty-two separate charts comprising the RF series, reproduced on standard page size paper measuring 8 x 10-1/2 inches, with a margin allowed for binding. These charts provide complete radio information to facilitate the planning and execution of cross-country flights in the United States and were developed by the Survey at the specific request of the Air Transport Association which represents commercial airlines operating in domestic areas. The latest advancement in depicting a special type of information necessary for aeronautical operations by use of radio facilities is reflected by the charts, which are widely used by commercial, private, and military airmen.

The charts are printed in green and magenta on a white background. The data reproduced from the green plate include the projection, scale, and a minimum of terrain features such as shorelines and major rivers. The civil airways - classified as to type - showing main safe altitudes and with mileage indicated between designated radio fixes are also showin in green. Magenta is employed to show all radio facility data, including radio ranges, beacons, radio served airports, bearings, and frequencies. The complete radio facility information for the United States, provided by these charts, is similar to the data published in the Airman's Guide.

On the reverse side of each chart are tabulated comprehensive data for all radio stations in operation, classified as to Aids to Navigation and Control Towers. The Aids to Navigation data include the type, class, identification, and other information pertaining to radio facilities of each radio station, together with the elevation and bearing of the airport serviced by the station.

Under the program for the maintenance of these charts revisions are made on a weekly schedule, to provide the users of the charts with the latest changes in radio facilities data, with a minimum of delay. An index sheet showing the arrangement of the charts of the series and a legend sheet identifying the symbolization employed in the series are furnished free with all orders for RF charts.

Radio facility charts are distributed at 5 cents each, or they may be obtained on an automatic subscription basis at an annual subscription price of 10 cents per year per chart when ordered in quantities of 20 or more of any one chart. Subscriptions will include all revisions during the year. Announcement will be made in the next issue of arrangements whereby persons desiring to subscribe for a single set of all 42 charts with revision service may do so at a special rate. Cost estimates are now being made by the Coast and Geodetic Survey for this new service designed especially to help the personal flier.

Orders for less than 20 copies will not constitute a subscription and must be purchased as individual orders with the usual 33-1/3% discount on gross orders of $10.00 or more in one shipment to one address. All subscriptions must be paid for at the time of placing the order and no subscription will be honored unless accompanied by the proper remittance. A subscription can cover only one individual chart. A grouping of several charts to make up a subscription will not be accepted.

It is estimated that an average of four revisions will be made of each chart per year, but if conditions do not warrant the issue of more than one revision it is understood that only one will be made.

Orders for charts should be addressed to the Director, U. S. Coast and Geodetic Survey, Washington 25, D. C.

RECEIVED
AUG 13 1947
U. S.
LIBRARY

A. N. G.

SPECIAL NOTICE

The Airman's Guide dated August 5, 1947, will be the last issue to appear in its present form. Beginning with the August 19th issue the Guide no longer will carry the charts and facing data pages, but will include the Notices to Airmen. This step has been made necessary by reductions in appropriations.

Airport Directory information will be included in the semi-annual Flight Information Manual, the next issue of which will be dated January 1, 1948. It is, therefore, important that you save this issue of the Airman's Guide since it will contain the most up-to-date Airport Directory available until January 1, 1948.

The Government Printing Office will continue to mail you the Airman's Guide every two weeks until your present subscription expires. You can then order a new subscription, covering both the revised Airman's Guide and the combined Flight Information Manual and Airport Directory, for $6.00 a year. Money orders should be sent to Superintendent of Documents, Washington 25, D. C.

Many subscribers may wish to supplement the Airman's Guide with the Radio Facilities Charts published by the Coast and Geodetic Survey. A single set of 42 charts covering the U.S., with revised charts issued on an average of four times a year may be obtained from the Coast and Geodetic Survey for $4.50 a year. Orders for these charts should be addressed to the Director, U.S. Coast and Geodetic Survey, Washington 25, D.C.

GUIDE

NOTICES TO AIRMEN
DIRECTORY OF AIRPORTS
AIR NAVIGATION RADIO AIDS

VOL. 2, NO. 10 .....AUGUST 5, 1947

This issue includes all data on record as of 0001 E.S.T. on the date above. For later information consult teletype NOTAMS.

U. S. DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION
OFFICE OF AVIATION INFORMATION

For sale by Superintendent of Documents, U. S. Government Printing Office
Washington 25, D. C. – Price 30 cents per copy, $7.50 per year

TABLE OF CONTENTS

GROUND CONTROL APPROACH XI

AIR NAVIGATION RADIO AIDS AND AIRPORT DATA, LEGEND ..... XII - XIII

FLIGHT PLANNING CHARTS AND DATA PAGES ..... 1 - 143

V.H.F. RANGE CHARTS ..... 144 - 148

AIRWAY MILEAGES 149

NOTICES TO AIRMEN 150

GUIDE CONTENTS

THE AIRMAN'S GUIDE IS A COMPOSITE DIRECTORY OF AIRPORTS, AIR NAVIGATION RADIO AIDS, AND NOTICES TO AIRMEN. ON THE DATA PAGES ARE TABULATED ALL THE DATA COVERING THE FACILITIES CHARTED ON THE BACKING PAGES. THIS PRESENTATION IS GRADUALLY BEING REVISED, HOWEVER, SO THAT EVENTUALLY THE DATA PAGES WILL FACE THE CHARTS.

INDEX OF FACILITIES

TO FIND THE NUMBER OF THE PAGE ON WHICH A FACILITY IS CHARTED, REFER TO THE INDEX OF FACILITIES BELOW. AS OUTLINED ABOVE, THE DETAILED DATA FOR THE FACILITY WILL BE FOUND ON THE DATA PAGE BACKING, OR FACING, THE CHART.

NEW DATA PRESENTATION

(A) ON THE DATA PAGES BACKING OR FACING THE CHARTS, NEW DATA OR REVISIONS ARE INDICATED BY ARROWS; (B) IN THE NOTICES TO AIRMEN SECTION, CITATIONS COVERING NEW OR REVISED RADIO DATA ARE PREFIXED BY ONE LARGE STAR " ★ " CITATIONS COVERING NEW OR REVISED AIRPORT, OR MISCELLANEOUS DATA ARE PREFIXED BY TWO ASTERISKS "**"

DATA PAGE NOTAMS

BECAUSE OF THE SERIOUS PAPER SHORTAGE, THE DATA PAGES, WHERE POSSIBLE, HAVE TO SERVE AS NOTAM (NOTICES TO AIRMEN) PAGES. RESULTANTLY, MOST OF THE NEW DATA FORMERLY NOTAMIZED IN THE NOTICES TO AIRMEN SECTION WITH PREFIXED LARGE STARS OR DOUBLE ASTERISKS ARE NO LONGER CARRIED IN THAT SECTION. ONLY COMMISSIONINGS, ABANDONMENTS, OR CHANGES SO POTENTIALLY HAZARDOUS THAT THEY ARE INDICATED WITH Ⓡ (FOR RED FLAG) SYMBOLS ON THE CHARTS, ARE NOW CITED IN THE NOTICES TO AIRMEN SECTION. NOTAMIZING ON THE DATA PAGES IS EFFECTED BY THE USE OF PREFIXED ARROWS AS IN THE FORMER AIR NAVIGATION RADIO AIDS PUBLICATION. ANY CHANGES FROM THE PREVIOUS ISSUE, WHETHER CITED IN THE NOTICES TO AIRMEN SECTION, OR NOT, ARE INDICATED BY THE PREFIXED ARROWS. FOLLOWING ARE EXAMPLES OF CHANGES NOTAMIZED ONLY ON THE DATA PAGES: FIELD OBSTRUCTION, SERVICING, ELEVATION, LOCATION, AND RUNWAY LENGTH CHANGES. BECAUSE OF THE USE OF THE PREFIXED ARROWS AS NEW DATA INDICATORS, A FURTHER INNOVATION HAD TO BE ADOPTED. THIS IS A TINTED HORIZONTAL LINE FOLLOWING THE LAST TABULATED FACILITY AND TITLED EITHER NEW RADIO FACILITIES OR NEW AIRPORTS,

HOW TO USE THE AIRMAN'S GUIDE

NEW FACILITIES ON DATA PAGES

SPACE BELOW THE TINTED HORIZONTAL LINES ON THE DATA PAGES HAS BEEN RESERVED AS A SUPPLEMENT FOR NEW RADIO AIDS AND AIRPORTS WHOSE DATA WERE RECEIVED AFTER THE DATA PAGES WERE ORIGINALLY TYPED. REVISIONS TO EXISTING AIRPORTS AND RADIO AIDS ARE SUPER-IMPOSED ON THE OLD DATA. NEW AIRPORTS AND RADIO AIDS HOWEVER, ARE LISTED, NECESSARILY OUT OF ALPHABETICAL ALIGNMENT, BELOW THE TINTED HORIZONTAL LINES UNTIL THE PAGE IS RE-TYPED.

CHART NOTAMS

NOTAMIZING ON THE CHARTS IS EFFECTED BY USE OF THE SUPERIMPOSED Ⓡ AND Ⓞ SYMBOLS. THE Ⓡ (FOR RED FLAG) INDICATES A VERY HAZARDOUS CONDITION OR A MAJOR CHANGE. THE Ⓞ SYMBOL (FOR ORANGE FLAG) INDICATES A MINOR CHANGE OR HAZARDOUS CONDITION WITH THE FACILITY STILL USABLE WITH CAUTION. THE PERTINENT DETAILS TO WHICH THESE SYMBOLS REFER WILL BE FOUND LISTED IN THE NOTICES TO AIRMEN SECTION UNDER THE FACILITY NAME (AND STATE) BY WHICH THEY ARE CHARTED.

Ⓡ and Ⓞ SYMBOLS

THESE SYMBOLS WERE ADOPTED FOR SUPER-IMPOSITION OVER CHARTED FACILITIES TO INDICATE HAZARDOUS CONDITIONS AND COVERING NOTICES TO AIRMEN. THUS, IF A CHART USER NOTES NO SYMBOL ON THE FACILITIES HE IS PLANNING ON USING, THERE IS NO NECESSITY FOR HIM TO WADE THROUGH THE 30-ODD PAGE NOTICES TO AIRMEN SECTION

NOTICES TO AIRMEN SECTION

ALL TEMPORARY CONDITIONS (FIELD SOFT, RUNWAY UNDER CONSTRUCTION, RANGE COURSE OUT OF ALIGNMENT, ETC) ARE CITED IN FULL IN THE NOTICES TO AIRMEN SECTION UNTIL THEY ARE NO LONGER IN EFFECT, WHEN A CITATION CARRIES A PERMANENT ITEM AND A TEMPORARY ITEM, THE PERMANENT ITEM IS UNDERLINED. PARENTHETICAL DATE AT END OF ITEM INDICATES TIME ITEM WAS REPORTED. TO CONFORM TO CHART PRACTICE, ALL FACILITY DATA ARE LISTED IN THE NOTICES TO AIRMEN SECTION AND ON DATA PAGES ALPHABETICALLY BY STATES AND BY FACILITY NAME. THUS, AN AIRPORT WILL BE FOUND LISTED ALPHABETICALLY UNDER ITS OWN NAME RATHER THAN UNDER ITS LOCALE'S NAME. IF THE AIRPORT OR RADIO FACILITY NAME IS OTHER THAN THAT OF THE CITY IN WHICH IT IS LOCATED, THE LOCATION IS SHOWN IN PARENTHESIS AFTER THE FACILITY NAME.

SPECIAL NOTICES

NOTICES OF NATIONAL INTEREST, OF GREAT IMPORTANCE, OR OF NON-LOCALIZED NATURE, WILL BE FOUND AT THE BEGINNING OF THE NOTICES TO AIRMEN SECTION.

CIVIL FACILITY CHANGES: ADVISE WHOM

PLEASE ADVISE THE NEAREST C. A. A. AIRWAYS COMMUNICATIONS STATION BY TELEPHONE, TELEGRAPH, OR LETTER AS SOON AS TEMPORARY CONDITIONS COVERING CIVIL AIRPORTS OR NAVIGATIONAL AIDS BEGIN OR TERMINATE, OR FLIGHT HAZARDS ARE ERECTED OR REMOVED. FIELD DATA REVISIONS SHOULD BE SUBMITTED TO THE NEAREST C.A.A. DISTRICT AIRPORT ENGINEER.

TO ALL SUBMITTERS OF AIRMAN'S GUIDE DATA

AN UNDER-MANNED STAFF PREVENTS AN INDIVIDUAL ACKNOWLEDGMENT OF DATA SUBMITTED FOR THE AIRMAN'S GUIDE BY TELEGRAM, TELETYPE DISPATCH, OR LETTER. YOUR COOPERATION IN PERMITTING A GUIDE CITATION TO SUFFICE AS AN ACKNOWLEDGMENT WILL BE APPRECIATED.

INDEX OF FACILITIES

LEGEND

A - AIRPORT WITH AN ASSOCIATED RADIO FACILITY IDENTICALLY NAMED
FM - FAN MARKER
H - NON-DIRECTIONAL RADIO BEACON
R - RADIO RANGE
T - AIRPORT WITH CONTROL TOWER

N.B. ALL FACILITIES WITHOUT A LETTER SUFFIX ARE AIRPORTS. NAMES NOT FOLLOWED BY A NUMBER SUFFIX ARE NOT AIRPORTS BUT MERELY GEOGRAPHICAL LOCATIONS.

ALABAMA

Albertville (117)
Alexander City
" Russell (117)
Andalusia (131)
Anniston (117)
" AAF (117)
Athens (91)
Atmore (131)
Auburn-Opelika (117)
Barin (131)
Bessemer, Durham (115)
Birmingham R,T (115)
" Central Park (115)
" Roberts (115)
Bradford FM (115)
Brewton (old) (131)
" (new) (131)
Bridgeport, Alatennga (91)
Brookley T (131)
Canal (131)
Canoe FM (131)
Centre (117)
Clanton, Gragg (115)
Columbiana (115)
Courtland (91)
Craig R,T (115)
Cullman (115)
Decatur
" Beaver Dam (91)
" Flint Creek (91)
" Pryor (91)
Demopolis (115)
Dothan A,R, (131)
" Napier (131)
Eden FM (115,117)
Elberta, Kaiser's Tract (131)
" Wolf (131)
Elmore (115)
Enterprise (131)
Eufaula, Weedon (117)
Eutaw (115)
Evergreen, Middleton (131)
Faircloth (131)
Fayette Mun. (115)
Flomaton (131)
Foley, Barin (131)
" Canal (131)
" Magnolia (131)
" Oak (131)
Fort Payne (117)
" Davenport (91)
" DeSota Park (91)
Gadsden (117)
" Goodyear (117)
" Gulfsteel (117)
Gainesville (115)
Garden City FM (115)
Geneva (131)
Greenville (115)
Gunter T (117)
Guntersville Dam (91)
Haleyville, Lakeman (115)
Hartselle (85)
Headland (131)
Huntsville (91)
" Arsenal (91)
Hurtsboro (117)
Jackson, McKee (131)
Jasper, Walker Co. (115)
Kaiser's Tract (131)
Lanett, Valley (117)
Lillian, Faircloth (131)
Livingston, Jackson (115)
Luverne (131)
Magnolia (131)
Maxwell R,T (115)
Mobile R (131)
" Bates T (131)
" Brookley T (131)
" Davis (131)
Montgomery
" Allenport (117)
" Dannelly (115)
" Elmore (115)
" Gunter T (117)
" Maxwell R,T (115)
Montgomery
" Norman Bridge (117)
Muscle Shoals A,R (91)
Oneonta, Moody (91)
Ozark (131)
Prattsville
" Deatsville Aux. (115)
Prichard, Chastain's (131)
Robertsdale (131)
Russellville
" Wood-Dearing (91)
Scottsboro (91)
" N. Sauty Base (91)
Selma
" Autangaville (115)
" Craig R,T (115)
" Dallas (115)
" -Selfield (115)
Silverhill (131)
Summerdale (131)
Sylacauga (117)
" Sylvan (117)
Talladega (117)
Tallassee, Griel (117)
Troy (117)
Tuscaloosa H (115)
" Foster (115)
" Van de Graaff (115)
Tuscumbia, Tri Cities (91)
Tuskegee (117)
" Moton (117)
Winfield Mun. (115)
Wolf (131)

ARIZONA

Ajo (101)
Amado, Kinsley Ranch (103)
Apache Junction, (103)
Ashfork (71)
Benson (103)
Bisbee (103)
Bowie (103,105)
Cactus, N. Phoenix (103)
Cameron (73)
Cameron
" Marble Canyon (73)
Camp Verde (73)
Casa Grande, Aux. #4 (103)
" Three Point (103)
Chandler, Williams T (103)
Clifton-Morenci (103,105)
Cochise R,A (103)
Coolidge (103)
" Airpark (103)
" Flying Field (103)
Cottonwood
" Clemenceau (71)
Datelan (101)
Davis-Monthan T (103)
Deep Lake (73)
Dewey-Humboldt (71)
Douglas (103,105)
" Forrest #2 (103,105)
" International (103,105)
" McNeal #1 (103,105)
Duncan (103,105)
Flagstaff, Koch (73)
Florence (103)
Forrest #2 (103,105)
Fort Huachuca (103)
Fredonia (71)
Gila Bend A,R (101)
" #4 (101)
" #5 (101)
" #6 (101)
Gilbert (103)
" Aux. #1 (103)
Glendale, Fram (103)
Globe, Cutter (103)
Goodyear, Aux. #5 (103)
Grand Canyon
" South Rim (71)
Hackberry (71)
Hayden (103)
Hereford (103)
" Nicksville (103)
" Y-Lightning (103)
Hilltop FM (103,105)
Holbrook (73)
" Int. (73)
Joseph City FM (73)
Kingman (71)
" Mohave Co. (71)
" Port Kingman (71)
Laguna Landing Strip (101)
Litchfield Park (103)
" NAF T (103)
Luke (103)
Marana (103)
McNeal #1 (103,105)
Mesa A,FM (103)
" Airpark (103)
" Falcon (103)
" Oasis (103)
Meteor Crater FM (73)
Nogales, Central (103)
" International (103)
Parker (101)
Payson (73)
" Rathway (73)
Peach Springs (71)
Perryville FM (103)
Phoenix R (103)
" Airhaven (103)
" Air-Topia (103)
" Luke (103)
" Paradise (103)
" Sky Harbor T (103)
" Thunderbird #1 (103)
" Thunderbird #2 (103)
Pine (73)
Prescott R (71)
" Ernest A. Love (71)
Quartzsite (101)
Redrock FM (103)
" Int. (103)
Rittenhouse Aux. #2 (103)
Safford (103,105)
" Mun. (103,105)
Sahuarita Flgt Strip (103)
St. Johns (73)

St. Michaels
" Window Rock (73)
Salome (101)
" Int. (101)
Seligman (71)
Sells (103)
Show Low (73)
Somerton (101)
South Phoenix (103)
Springerville-Eager (73,105)
Superior (103)
Taylor-Snowflake (73)
Tempe (103)
Toltec (103)
Tonopah (101)
Tucson A,R (103)
" Airpark (103)
" Davis-Monthan T(103)
" Desert Skylodge (103)
" Downtown (103)
" Gilpin (103)
" Mission (103)
" Ryan (103)
" Silverbell (103)
" Wagon Wheels (103)
Vail FM (103)
Valle (71)
Wellton (101)
White River
" Fort Apache (103)
Wickenburg (101)
" Mun. (101)
" Sky Ranch (101)
Willcox,Cochise Co.(103)
Williams (71)
" AAF T (103)
Winona (73)
Winslow A,R (73)
Yucca (71)
Yuma, County (101)
" Marsh (101)

[redacted]

Alma (81)
Almyra,Prairieville(81)
Arkadelphia (113)
Arkansas City (113)
Batesville (81)
Beebe,Addington(81)
Benton (81)
Bentonville (81)
Berryville (81)
Biggers (81)
Black Rock,Sloan (81)
Blytheville A,R (81)
Brinkley (81)
Bruins FM (81)
Cabot, Daily (81)
Calico Rock,Copp (81)
Camden,Grayson (113)
Carlisle (81)
" Aux. (81)
Clarksville (81)
Clinton, Patton (81)
Conway (81)
Cotton Plant,Overhold(81)
Crossett,Ashley Co.(113)
DeQueen (109)
DeWitt,Commercial (81)
El Dorado R (113)
" Goodwin (113)
Eureka Springs (81)
Fayetteville (81)
Flippin,John's Arpk (81)
Forrest City (81)
Fort Smith (81)
Gourdon (113)
Hamburg,Carpenter(113)
Harrison (81)
Hasty, Smith (81)
Hazen (81)
Heber Springs (81)
Helena
" Thompson-Robbins(81)
Hope (113)
Hot Springs,Memorial (81)
Jonesboro (81)
Little Rock R (81)
" Adams T (81)
" Central (81)
Luxora (81)
McGehee (113)
Magnolia (113)
" Baker (113)
Malvern, Harlas (81)
Manila AAF (81)
" Fleeman (81)
Mena, Bowden (81)
Monticello (113)
Mt. Ida,Toloson (81)
Newport (81)
" Erwin (81)
" Milltown (81)
North Little Rock
" Central (81)
Ozark, Whitman (81)
Palmer,Gilbrech (81)
Paragould,Alexander(81)
Paris (81)
Parkin,Lessenberry (81)
Pine Bluff R (81)
" Grider (81)
" Toney (81)
Pocahontas (81)
Prairieville (81)
Prescott A,FM (113)
Rogers (81)
Round Pond (81)
Russellville, Ark. Poly. College (81)
Searcy (81)
Springdale (81)
Stuttgart A,R (81)
" Dockery (81)
" Hazen (81)
Texarkana A,R (113)
Walcott #3 (81)
Walnut Ridge R (81)
" AAF (81)
" Walcott #3 (81)
Warren,Griffin (113)
West Memphis,Bowen(81)
" Levee (81)
Wynne (81)

CALIFORNIA

Adelanto,El Mirage (99)
Alameda (67)
Allen (67,69)
Alturas (18)
" #1 (18)
Amedee Figt Strip (18)
Anderson, Pinnagar(18)
Antioch (67)
Arcata H,R,T (18)

Armitage (69)
Artesia,Cranford(139)
Auburn A,FM (65)
Avenal (69)
Bagdad (71)
Bakersfield R (67,69)
" Kern Co. T (67,69)
" La Cresta(67,69,99)
" Minter (67,69)
" Pumpkin Center(67,69
Banning A,FM (99)
Barstow (99)
Bass Lake
" Wishon,USFS (69)
Bay Point FM (65)
Beckwourth, Plumas Co(1
Bellflower (139)
Belmont A,FM (65,67)
Benecia,Southampton Bay (65)
Beiber (18)
Big Bear (99)
Big Pine (69)
Bishop (69)
Blue Canyon FM (18)
" Int. (18)
Blythe R (101)
" AAF (101)
" Gary (101)
" Harvey (101)
" Heron (101)
Borego Hotel (101)
Boron (69,99)
Boulder Creek (65)
Brawley (101)
" O'Connell Bros.(101)
Bridgeport,Bryant(69)
Brown (99)
Burbank R,FM (139)
" Lockheed Air Terminal T (139)
Calexico (101)
Calimesa (99)
Callahan FM (18)
Calpine (18)
Camarillo
" Conejo Valley (139)
" Hidden Valley (139)
Cambria (67)
Camp Pendleton (99)
Carmel Valley (65)
Castaic FM (99,139)
Castle T (69)
Cedarville (18)
Centerville,Center(67)
Chatsworth H,FM (139)
Chester (18)
Chico (18)
" Ranchaero (18)
" Patrick (18)
Chino,Cal-Aero (139)
Claremont, Cable-Claremont (139)
Clarksburg, Borges-Clarksburg (65)
Clarks Dry Lake (99,101)
Coalinga (69)
Colusa (18)
Compton (139)
" Central (139)
Concord (67)
" Buchanan Co. (67)
Corcoran (69)
" Baldwin (69)
Corning (18)
Corona (139)
Coronada FM (99)
Costa Mesa, Newport Baysky Harbor (139)
Cotati (65)
Covelo, Round Valley (18)
Coyote Wells (North & South Flds) (101)
Crescent City
" Del Norte Co. (18)
" Gasquet (18)
Crows Landing (65)
Culver City,Hughes(139)
Daggett A,R (99)
Davis,State Forestry(65)
" University (65)
" Winters (65)
Delano-Kern Co.(69)
Del Mar (99)
Delta (18)
Desert Center (101)
" Int. (101)
Dinuba,Alta (69)
Dixon (65)
Donner Summit R (18,69)
Dos Palos, Eagle (65)
Downey H,FM (99,139)
" Vultee (139)
Dunsmuir (18)
El Cajon (99)
" Gillespie (99)
El Centro R (101)
" Coyote Wells,N.(101)
" Coyote Wells,S.(101)
" NAS T (101)
Elk Creek (18)
El Monte (139)
" Rosemead (139)
Elsinore (99)
" Lake Elsinore (99)
El Toro T (139)
Escondido,Engel (99)
Estrella (67)
Eureka A,FM (18)
" Humboldt Co. (18)
Evergreen FM (65,67)
Fairfield-Suisun
" AAF R,T (65)
" Suisun Arpk (65)
Fair Oaks,Sky Nook(65)
Fall River Mills
" Shasta Sky Ranch(18)
Farallon Island H (65)
Fillmore (139)
Fontana FM (99)
Ft. Bragg, White (18)
Fort Jones A,R (18)
Fortuna (18)
Franklin (65)
Fresno R (69)
" Adams (69)
" Cannon (69)
" Fresno-Chandler(69)
" Fresno-Skylark (69)
" Furlong (69)
" Hammer, (69)
Fullerton (139)
Furnace Creek (69)
Garberville (18)
Gardengrove (139)
" Haster Farm (139)
Gardner (67,69)
Gilroy (65)
Glendale H (139)
" Grand Central T (139)
Grass Valley (18)
Gray Butte (139)
Gridley (18)
Gustine (65)
Half Moon Bay A,FM (65,67)
Hamilton H,T (65)
Hammer (69)
Hanford (69)
Haster Farms (139)
Hawes (99)
Hawthorne T (139)
Hayfork (18)
Hayward (67)
Healdsburg,Alexander Valley (65)
" Norton Sky Ranch (65)
Helendale (99)
Holister (65)
Holtville (101)
Horse Farm (139)
Huntington Beach A,FM (99,139)
Imperial Co. (101)
Independence (69)
Indio A,R (99,101)
" Shavers Summit (101)
Inyokern R (69)
" Armitage T (69)
" NAF(Harvey)(69,99)
Jackson,Amador Co.(65)
Jacumba Hot Springs(101)
King City (65)
La Habra FM (99,139)
Lakeport,Lampson(65)
La Mesa A,FM (99)
" Jamacha (99)
" La Pressa (99)
" Sweetwater Springs(99
Lancaster, Antelope Valley (99)
" Quartz Hill (99)
" Sterk's Ranch (99)
" War Eagle (99)
Laytonville, 101 Hereford Ranch (18)
Lebec FM (67,99)
Lemoore (69)
" Kleinhammer (69)
Lincoln (65)
Lindsey,Colburn(69)
Little River
" Mendocino (18)
Livermore,Dow (67)
" OLF (67)
" Sky Ranch (67)
Lodi (65)
" Arpk (65)
" Linds (65)
Lomita (139)
Lompoc (67)
" Commercial(67)
Lone Pine (69)
Long Beach R,T(99,139)
Los Alamitos T (139)
" Horse Farm (139)
Los Angeles R,T(99,139)
" Culver City (139)
" Torrance Community (139)
" Vail (139)
Los Banos A,FM (65)
Lost Hills #8 (67,69)
Lower Lake,Hoberg(65)
McClellan T (65)
McCloud,Ash Creek(18)
Madera (69)
Manteca
" Summer Home(65)
Manzanar,Ino Co.(69)
March T (99)
Maricopa,Cuyama(67)
Mariposa (69)
Martinez(65)
Marysville, Alicia (18)
" Cheim (18)
Mather H,T (65)
Mecca,Port Mecca (101)
Merced Mun. (69)
" Castle T (69)
Mile Square Farm (139)
Minter (67,69)
Mirage (99)
Miramar NAAS T (99)
" OLF (99)
Modesto (65)
Moffett R,T (67)
Mojave NAS (69,99)
Monrovia (139)
Montague (18)
" Siskiyou Co.(18)
Montebello (139)
Monterey,Peninsula(65)
Morgan Hill,Valley(65)
Mountain View (67)
" NAS(Moffett)R,T(67)
Mt. Laguna H (99,101)
Mt. Shasta R (18)
Muroc, R,T (99)
Napa, Napa Co. (65)
" Sky Ranch (65)
National City (99)
Needles A,R (71)
" Riverview (71)
Nevada City (18)
Newark H,FM (65,67)
Newhall A,R (99,139)
New Jerusalem (65)
Norco (139)
Norwalk
" Delbert Arpk (139)
Oakland R,T (65,67)
Oceanside H,FM (99)
" Camp Pendleton(99)
" Hi Hi Sky Ranch (99)
Ocotillo (101)
Ojai,Henderson (67)
Olancha,Adamson(69)
" Monache Meadows(69)
" Templeton Meadows (69)
Olancha,Tunnel(69)
Ontario,International T (139)
Oroville (18)
Otay,Brown NAAS (99)
" Wolfe's (99)
Oxnard,Camarillo-Ventura Co. (67)
" Ventura Co. (67)
Palisades (139)
Palmdale A,R (99)
" Galbraith (139)
Palm Springs (99,101)
Palo Alto (67)
Parlier
" Paiva Inter-City(69)
Paso Robles A,R (67)
" Estrella (67)
Petaluma (65)
" Justman (65)
" Oak View (65)
Placerville (65)
Point Mugu T (67)
Pomona (139)
" Brackett (139)
Porterville (69)
" Mountain View (69)
Puente,Sky Ranch(139)
Quincy,Sky Harbor(18)
Ramona (99)
Randsburg (69,99)
Ravendale (18)
Ream T (99)
Red Bluff R (18)
" Bidwell (18)
Redding A,FM (18)
" Benton (18)
Reedley
" Great Western (69)
Rialto,Miro-Fontana(99)
" Morrow (99)
Rice (101)
Ridgecrest (69,99)
Riverside A,R (99)
" Arlington (99)
" March T (99)
Rosamond,Barnes (99)
Rosedale (99)
Sacramento R,T (65)
" Branstetter (65)
" McClellan T (65)
" Mather H,T (65)
" Sky Ranch (65)
Salinas A,R (65)
Salton Sea (99,101)
" Borego Hotel(101)
" Clark's Dry Lake(99,101)
" Ocotillo (101)
San Bernardina (99)
" AAF T (99)
" Tri-City (99)
San Carlos (67)
" Cooley (67)
San Clemente Island(99)
" Castle (99)
San Diego R (99)
" Gibbs (99)
" Lindbergh T (99)
" Miramar NAAS T (99)
" Miramar OLF (99)
" NAS T (99)
" Peik (99)
" Rosedale (99)
" San Diego (99)
" Sweetwater (99)
San Fernando (139)
" Whiteman (139)
San Francisco R,T(65,67)
San Francisco Gap H (67)
San Jacinto,Harmon(99)
San Jose (67)
" City (75)
" Reid-Hillview (67)
San Juan Capistrano
" Capistrano Awys (99)
San Luis Obispo (67)
San Marcos
" McCormick (99)
" San Marcos Valley (99)
San Mateo (67)
" Bay Meadows (67)
San Nicolas Island(99)
San Pedro
" Terminal Island(139)
San Rafael
" Hamilton H,T (65)
" Marin Co. (65)
" San Francisco Bay (67)
San Ramon (67)
Santa Ana R, T (139)
" El Toro T (139)
" Mile Square Farm (139)
" Orange Co. (139)
Santa Barbara R, T (67)
Santa Cruz (65)
" Sky Park (65)
Santa Maria (67)
" Dorman (67,69)
" Hancock (67)
" Machado (67)
Santa Monica (139)
Santa Paula (67)
" Harvey (67)
Santa Rosa, Arpk (65)
" NAAS (65)
" Sonoma Co. (65)
Santa Susana (139)
Santa Ynez,Crawford(67)
San Ysidro
" Borderland (99)
" Ream T (99)
Saticoy (67)
Scotia (18)
Secret Valley (18)
Selma (69)
" Palomino (69)
Shafter-Kern Co.(67,69)
Shavers Summit (101)
Silver Lake A,R (71)
Solemint,6 S Ranch(139)
Sonora,Columbia (69)
Stockton, A,R (65)
" Orange Bros. (65)
" West Lane (65)
Stratford,Newton (69)
" Rowan (69)
Strathmore,Trauger(69)
Sunset Beach (139)
Susanville (18)
Taft, Allen (67,69)
" Gardner (67,69)
" Parker (67,69)
" Taft-Kern Co.(67,69)
" Taft-Kern Co.Aux (67,69)
" Taft-Kern Co.#2(67,69)
Tehachapi (69,99)
Terminal Island (139)
Thermal (101)
Three Rivers (69)
Tracy (67)
" New Jerusalem (65)
Trona(69)
Truckee (18,69)
Tulare (69)
" Defense Plant Corp(69)
Turlock (65)
" Arpk (65)
Twentynine Palms (101)
Ukiah (18)
Upper Lake
" Gravelly Valley(18)
Vallejo,Sky Harbor(65)
" Stan's Arpk (65)
Valley Springs
" Mother Lode (65)
Van Nuys
" Metropolitan T (139)
Vernalis (67)
Victorville
" AAF T (99)
" Grey Butte (139)
" Hawes (99)
" Helendale (99)
" "66" (99)
Visalia (69)
" Green Acres (69)
" Sequoia (69)
" Piepgrass Bros.(69)
Walnut Creek,Sherman (67)
Warm Springs (67)
Warner, Hot Springs(99)
Watsonville, #1 (65)
" #2 (65)
Weaverville (18)
Weed,Jackson Ranch(18)
Westminster (139)
Westwood (18)
Whitmore R (18)
Williams R (18)
" Dalton (18)
" Int. (18)
Willits (18)
Willows-Glenn Co.(18)
Winters Figt Strip(65)
Woodlake (69)
Woodland
" Yolo Flyers (65)
Woodville,Vossler(69)
Yermo, Calico (99)
Yucaipa (99)

COLORADO

Akron A,R (63)
" Douglas (63)
Alamosa (75)
" Kramer (75)
Alvin (63)
Arlington #4 (63)
Aurora FM (59)
Boulder (59)
Buckley T (59)
Burlington (63)
Calhan (59)
Canon City
" Fremont Co. (63)
" Royal Gorge (63)
Colorado Springs R(63,59
" Nichols (59)
" Peterson T (59,63)
" Pine Valley (59)
" Rocky Mtn. (59)
Cortez,Ute (73)
Craig (23,63)
Creede (75)
Dacona FM (59,63)
Delta,Starr Nelson(63,73)
Denver R (59,63)
" Buckley T (59)
" Civil Air Patrol (59)
" Combs (59)
" Lowry T (59)
" Ruston (59)
" Sky-Ranch T (59)
" Stapleton T (59,63)
" Vest Acft (59)
Dove Creek (73)
Dupont,Rutledge(59)
Durango (73)
" City-County (73)
Eads (63)
Eagle A,R (23,63)
Englewood (59)
Estes Park (23,63)
Fairplay,Teter(23,63)
Flagler (59,63)
Fort Collins (23,63)
Fort Morgan,Young(63)
Fountain FM (59,63)
Franktown FM (59,63)
Glenwood Springs(23,63)
Golden FM (59,63)
" Creighton (59)
Granby (26,33)
Grand Junction R (23)
" Walker (23)
Greeley,Crosier (59)
Gunnison
" Meeker Ranch (63)
Henderson FM (59,63)
Holly,Romer (75)
Holyoke (63)
Hugo (63)
Julesburg (63)
" Doughty's (63)
Kit Carson
" Trading Post (63)
Kremmling (63)
La Junta R (63)
" AAF (75)
" Arlington #4 (63)
" Bridges (75)
" Las Animas (75)

Lamar (75)
Las Animas (75)
Leadville (63)
Limon,Stake's Prairie Port (63)
Lindon,Roderick(63)
Longmont (59)
Lowry T (59)
Mancos (73)
Meeker (23,63)
Mesita,Costilla Co.(75)
Monte Vista (75)
Montrose (63,73)
" (new) (63,73)
Nucla (73)
Ordway (63)
Peterson T (59,63)
Pueblo A,R (63)
" Gregg (63)
" Pueblo AAB (63)
Rangely
" Rangely Heights (23)
Rifle (23,63)
Rocky Ford (63)
" Reynolds (75)
Saguache (63)
Salida (63)
Silver Cliff,Valley(63)
Springfield(75)
Sterling (63)
Trinidad A,R (75)
Walden (23,63)
Walsh,Griffin (75)
Watkins FM (59,63)
" East Colfax (59)
Westcliff,Cress(63)
Wray (63)
Yuma (63)

CONNECTICUT

Ansonia (41)
Bethany (41)
Bridgeport R,T (41,43)
Bristol
" Stephenson (41)
Canaan (41)
Danbury (41)
East Hartford
" Rentschler T (41)
Essex,Doane(41)
Groton,Trumbull (41)
Hartford R (41,43)
" Brainard T (41,43)
Madison
" Hammonasset (41)
Meriden FM,T (41,43)
Milford (41)
Monroe (41)
Moosup FM (41,43)
New Haven (41)
Plainfield (41)
Plymouth
" Waterbury (41)
Salem (41)
Shelton,Island (41)
Simsbury (41)
Somers,Kinsley (41)
Stonington (41)
Southington (41)
Wallingford
" Lufbery (41)
Waterford (41)
Watertown (41)
West Haven(41)
Windham (41)

Windsor Locks
" Bradley T (41)
Woodstock,DeFlorez (41)

DELAWARE

Bridgeville (89)
Dover
" AAF (89)
" Airpark (89)
" Sunglo (89)
Frankford,Sussex (89)
Georgetown,Sussex Co(89)
Harrington (89)
Laurel (89)
" Holly Brook (89)
Lewes,De Vries (89)
Middletown
" Shallcross (89)
New Castle R (89)
" Biggs (89)
" Bellanca (89)
" New Castle Co.T (89)
Rehoboth Beach
" Rehoboth Acfters (89)
St. Georges,Red Lion (89)
Smyrna (89)
Wilmington
" DuPont T (45,89)

DIST. OF COLUMBIA

Washington R (87,89)
" Anacostia NAS T (89)
" Bolling T (89)
" National T (87,89)

FLORIDA

Alliance #4 (131)

Apalachicola (131)
Apopka,Ryan (135)
Arcadia (135)
Avon Park (135)
" AAF (135)
Bagdad (131)
Banana River R (135)
" NAS T (135)
Bartow (135)
Bascom (131)
Bayard FM (133)
Belle Glade (137)
Boca Raton T (137)
Bostwick (133)
Bradenton(135)
Branan (133)
Bronson(131)
Brooksville (135)
Bryceville FM (133)
Buckingham (137)
Bunnell (133,135)
Carabelle Figt Strip(13)
Cecil T (133)
Cedar Keys (135)
Chipley (131)
Choctaw (131)
Clarcona,Hidden Acres (135)
Clearwater (135)
Clewiston (137)
" Riddle (137)
Cocoa (135)
Conners (135)
Crestview A,R (131)
Cross City A,R (133)
Daytona Beach A,R(133,135)

Daytona Beach A,R(133,
" Ormond (133,135) 135)
De Funiak Springs (131)
De Land (135)
Dunedin,Skyport (138)
Dunnellon (135)
Eglin R,T (131)
Ellenton (135)
Ellyson (131)
Eustis,Waterman(135)
Fernandina (133)
Fleming Island(133)
Ft.George Isl.FM (133)
Ft.Lauderdale A,FM(137)
" Davie (137)
" NAS (137)
" South Florida(137)
Ft. Myers R (137)
" Buckingham (137)
" Page (137)
Ft. Pierce, Com.(135)
" (Mun.) (135)
Gainesville (133)
" Stengel (133)
Green Cove Springs
" Lee OLF (133)
Groveland (135)
Haines City (135)
Hillsborough (135)
Holley (131)
Hollywood
" MacArthur (137)
" North Perry (137)
Holt FM (131)
Homestead R (137)
" Mun. (137)
Howey-in-the-Hills,
Howey (135)
Immokalee, Airfld (137)
" Int. (137)
Jacksonville R (133)
" Arpt #1 T (133)
" Branan (133)
" Cecil T (133)
" Craig (133)
" Flemings Isl. (133)
" Hart (133)
" Mun. #3 (133)
" NAS R,T (133)
" Whitehouse (133)
" Williams (133)
Jasper (133)
Keystone Heights
" Keystone AAF (133)
Key West R (137)
" Meacham (137)
" NAS T (137)
Kissimmee (135)
Lake Butler (133)
Lake City (133)
" Witt (133)
Lakeland
" Drane (135)
" Mun. #1 (135)
" Skyland (135)
Lake Wales (135)
Lake Worth (137)
Lantana, Palm Beach
Co. (137)
Lee (133)
Leesburg (135)
" Aviation Center(135)
" Gray's (135)
Live Oak FM (131)
Live Oak,Hurst(133)
MacDill T (135)
Malabar (135)
Malone #2 (131)
Marathon (137)
Marianna (131)
" Alliance #4 (131)
" Ellis (131)
" Malone #2 (131)
Master T (137)
Mayport (133)

Melbourne A,R (135)
" Eau Gallie (135)
" Valkaria (135)
Miami R (137)
" Aviation Center (137)
" Brown (137)
" Chapman (137)
" International T (137)
" Master T (137)
" NAS(Opa Locka)(137)
" OLF (137)
" Sunny South (137)
" Tamiami (137)
" Tropicaire (137)
Miami Bay Shore FM(137)
Middleburg (133)
Milton (131)
" Santa Rosa (131)
" Whiting AAS (N.) R,T
(131)
" Whiting NAS (S.)(131)
Minneola,Kerlin(135)
Molino FM (131)
Montbrook (133,135)
Monticello (133)
Naples (137)
New Smyrna (135)
North Tampa FM (135)
North Perry (137)
North Pompano (137)
Ocala,Taylor(133,135)
Okeechobee,Connors(135)
Orange City (135)
Orlando R (135)
" AAB(Arpt) T (135)
" Cannon Mills (135)
" Hoequist (135)
Palatka,Kay Larkin(133)
" Sawyer (133)
Panama City (131)
" City Arpk (131)
" Hutchinson s (131)
" Skyland (131)
" Tyndall R,T (131)
Pensacola A,R (131)
" Airpark (131)
" Bagdad (131)
" Bronson (131)
" Choctaw (131)
" Corry (E.&W. Flds)
T (131)
" Edwards (131)
" Ellyson (131)
" Gulf Arpk (131)
" NAS(Chevalier)T(131)
" OLF #1 (131)
" OLF #5 (131)
" OLF #6 (131)
" OLF #7 (131)
" OLF #8A (131)
" OLF #9K (131)
" Pensacola Arpk(131)
" Saufley T (131)
" Spencer (131)
Perry (133)
Pierson Memorial(133,
135)
Pinecastle (135)
Plant City (135)
" Robinson (135)
Pompano,N.Pompano(137)
Port St.Joe,Sandpiper
(131)
Punta Gorda (135)
" Mun. (137)
Quincy (133)
Richmond (137)
St. Augustine (133)
St. Petersburg
" Albert Whitted(135)
" Pinellas Co.Interna-
tional T (135)
" Sky Harbor (135)
Samsula,Spruce Creek
(135)

Sanford (135)
" Osceola (135)
Sarasota-Bradenton(135)
" Commercial (135)
Santa Rosa (131)
Saufley T (131)
Sebastian,Roseland(135)
Sebring (135)
" Air Terminal (135)
Silver Springs, Aero
Lodge (133)
Spencer (131)
Starke,Conway(133)
Stock Island FM (137)
Stuart,Witham (135)
Switzerland (133)
Tallahassee R (133)
" Dale Mabry T (133)
" Lake Jackson(133)
Tampa R (135)
" Drew T (135)
" Hillsborough (135)
" MacDill T (135)
" Peter O.Knight(135)
Tarpon Springs (135)
Tennile (133)
Titusville
" Cocoa (135)
Tyndall R,T (131)
Valpariso,Eglin R,T(131)
" Eglin #1 (131)
" Eglin #2 (131)
" Eglin #3 (131)
" Eglin #4 (131)
" Eglin #5 (131)
" Eglin #6 (131)
" Eglin #7 (131)
" Eglin #8 (131)
" Eglin #9 (131)
Venice, Aux. (135)
" Mun. (135)
Vero Beach A,H (135)
Wauchula (135)
West Palm Beach R(137)
" Belvedere (137)
" Morrison T (137)
Whiting NAS (N)R,T(131)
" NAS (S) (131)
Whitehouse (133)
Williston,Montbrook
(133,135)
Winter Garden (135)
Winter Haven
" Gilbert (135)
Winter Park
" Orlando Avia. (135)
" Showalter (135)
Zephyrhills (135)

GEORGIA

Abbeville (117)
Adel,Cook Co.(133)
Albany A,R (133)
" Sky Haven (133)
" Turner (133)
Alma A,R (133)
Americus (117)
" Souther (117)
Ashburn (133)
Athens (117)
" Polo (117)
Atlanta R,T (117)
" Lakewood (117)
" NAS R,T (117)
Augusta R (119)
" Bush (119)
" Daniel T (119)
Babcock (133)
Bainbridge (133)
" Commodore Decatur
(133)
Baxley,Bouser (133)
Bemiss #3 (133)
Boykin,Babcock (133)

Brunswick H (133)
" Airpark (133)
" Glynco R,T (133)
" Malcolm-McKinnon
(133)
Buford,Allen (117)
Butler (117)
Cairo-Grady (133)
Calhoun (91)
" Skyway (91)
Camilla (133)
Camp Stewart (119)
Carrollton (117)
Cartersville,Felton(117)
Cedartown (117)
Chatham (119)
Cochran (117)
" AAF (117)
" Red Dog (117)
Columbus (117)
" Muscogee Co. (117)
" Lawson R,T (117)
Conyers (117)
Cordele (117)
Dalton (91)
Darien (133)
Dawson,Terrell Co.(133)
Donalsonville (131)
Douglas,South Ga. Col-
lege (133)
Dublin (117)
East Point FM (117)
Elberton (117)
Fitzgerald (133)
" Three "B" (133)
Folkston (133)
Forsyth,Zellner's(117)
Gainesville (117)
Glennville (119)
Glynco R,T (133)
Griffin-Spalding (117)
Harris Neck (133)
Hinesville (119)
" Camp Stewart (119)
Homerville Figt Strip(133
Jackson (117)
Jasper (93)
Jefferson,Long (117)
Jesup (133)
Jonesboro FM (117)
La Grange,Calloway(117)
Lake Park #2 (133)
Lawrenceville,Wages(117)
Lawson R,T (117)
McRae (117)
Macon R (117)
" Cochran (117)
" Herbert Smart (117)
" Ries (117)
Madison (117)
Madras FM (117)
Marietta,AAF T (117)
" Cobb (117)
" Lunsford (117)
" Parkaire (117)
Milledgeville,Kings(117)
Millen,Birdsville(119)
Montezuma (117)
Moody (133)
Moultrie (133)
" Northside (133)
" Spence (133)
Nashville (133)
Newnan Arpk (117)
Palmetto,Morton(117)
Perry (117)
Quitman,Figt Strip(133)
Reynoldsville (131)
Richmond Hill FM (119)
Rockmart (117)
Rocky Ford #1 (133)
Rome (117)
" Russell (117)
Rossville (91)
Russell (117)

St. Marys A,FM (133)
Sandersville
" Washington Co. (117)
Savannah R (119)
" Chatham AAF (119)
" Hunter T (119)
" Saffold (119)
" Savannah-Wilmington
Island (119)
" West Savannah (119)
Siloam (117)
Smyrna FM (117)
Statesboro (119)
Stone Mtn. FM (117)
Swainsboro
" Lindsey (119)
" Thompson (117)
Sylvania (119)
Tallapoosa (117)
Thomaston
" Reginald Grant (117)
Thomasville,Com.(133)
" Mun. (133)
Tifton (133)
Toccoa
" Le Tourneau (93)
Trion
" LaFayette-Trion(91)
Turner (133)
Vada (133)
Valdosta (133)
" Bemiss #3 (133)
" Moody (133)
" Rocky Ford #1(133)
Vidalia-Lyons (117)
Warm Springs
" Roosevelt (117)
Warner-Robins
" Robins T (117)
Washington,McGill(117)
Waycross AAF (133)
" Civil Air Patrol(133)
Waynesboro (119)
Winder (117)
Woodbury (117)

[redacted]

Aberdeen (22)
American Falls (22)
Anderson Dam
" Bennett Figt Strip(19)
Arco (22)
Big Springs (6)
Boise R (19)
" Air Terminal T(19)
" Bradley (19)
Buhl (22)
Burley A,R (22)
Caldwell (19)
Cascade (3)
Cayuse Creek (3)
Challis (6)
Coeur d'Alene R (3)
" Air Terminal (3)
" Weeks (3)
Craigmont (3)
Dixie (3)
" Chamberlain (3)
Driggs, Teton Peaks-
Driggs (22)
Dubois A,R (6)
Eagle FM (19)
" Floating Feather(19)
Emmett (19)
Fairfield,Camas Co.(22)
Glenns Ferry (19)
Gooding H (22)
" (new) (22)
" (old) (22)
Grangeville
" Idaho Co. (3)
Hagerman, Thousand
Springs (22)
Hailey,Friedman(22)
Hayfield,Tyhee (22)

Idaho Falls A,R (22)
Idahome (22)
Jerome (22)
Kamiah (8)
Kellogg (3)
Knox,Landmark(3)
Lake,Flying "R" (6)
Lewiston (3)
McCall (3)
Mackay (22)
Malad City A,R (22)
Montpelier (22)
Mountain Home FM,A(19)
" AAF (19)
Nampa,Ritchey (19)
New Meadows (3)
Orofino (3)
Paris, Bear Lake Co.(22)
Parma (19)
" Nyssa (19)
Payette A,FM (3)
Pocatello A,R (22)
" AAF (22)
" University(Ham's)(22
Preston (22)
Priest River (3)
Red River Hot Springs
" Moose Creek USFS(6)
Rexburg (22)
Richfield, Adkins (22)
" Albert (22)
St. Anthony (22)
St. Maries (3)
Salmon (8)
Sandpoint (3)
Shelley Mun. (22)
Shoshone,Andrew (22)
" Flying Bar "S" (22)
Strevell A,R (22)
Teanod,Tekoa (3)
Twin Falls (22)
Victor(Bennett) (22)
Weiser (3)

[redacted]

Alexander,Negus (59)
Alton,Wadlow (59)
Arcola,Allen (83)
Armington,Medbury (57)
Ashburn FM (53,55)
Aurora (55)
Beardstown (59)
Belleville
" Gundlach (59)
" Scott R,T (57,59)
Bensenville
" Sky Haven (55)
Bloomington (53)
Blue Island,Howell(55)
Blue Mound,McCoy(57)
Bradford A,H (53,57)
Cairo,N.Cairo (81)
Carbondale (81)
Carmi,White Co.(83)
Carthage (57)
Casey (83)
Champaign (53)
" Univ. of Ill. (53)
Chanute R,T (53)
Charleston (83)
Chesterfield (59)
Chicago R,T (53,55)
" Ashburn (55)
" Chicago-Orchard
Place (55)
Chicago Heights
" Ashland Ave. (55)
Clinton Fly.Club (53)
Dalton City,Moody (83)
Danville (53)
" Vermilion (53)
Decatur (53,57)
" Decatur Park(53)
De Kalb,Interstate (53)
Des Plains
" Ravenswood (55)

Dixon (53,57)
Earlville,Clearview(53)
East St. Louis
" Lakeside (59)
" Parks (59)
" Parks Metropolitan
(59)
Edwardsville (55)
Effingham A,R (83)
" Co Memorial(83)
Elgin,Kane Co.(55)
Elmhurst
" Chicago-Elmhurst(55
Fairfield,B & K (83)
Piatt,Hi-Way (53,57)
Flora (83)
Franklin Park FM(53,55)
Freeport,Albertus(53)
Galesburg (53,57)
George (83)
Gillespie,H & S (59)
Glenview NAS R,T(53,
55)
" Pal-Waukee (55)
Grayslake (55)
Harvey R (53,55)
" Rubinkam (55)
Havana,Matanzas(53,57)
Highland-Winet (59)
Hillsboro(57)
Hinsdale (55)
Homewood
" Washington Park(55)
Hooperston,Russell's(53)
Horace, Midway Avia(53
Jacksonville (59)
Jerseyville FM(57,59)
Johnsburg Arpk (29)
Joliet A,R (53,55)
Kankakee (53)
La Grange,Stinson(55)
Lansing
" Chicago-Hammond(55
La Salle,Vogel(53,57)
Lawrenceville
" George (83)
Lebanon,Cyril Lebert
(59)
Lincoln Fly Svc(53,57)
Lockport
" Lewis-Lockport(55)
Lombard
" York Township (55)
Macomb (53,57)
Marion (83)
" Macarin (81)
Mattoon (83)
Mendota
" Fitzgerald(53,57)
Milford (53)
Moline R (53,57)
Momence (55)
Monmouth(53,57)
Morris (55)
Morton (53,57)
Mt. Carmel
" Beckerman (83)
Mt. Erie, Van Fossan's
(83)
Mt. Vernon (83)
Murphysboro (81)
Muddy,Harrisburg-El
Dorado (83)
Nashville (57)
Newark FM (53)
Northbrook
" Sky Harbor (55)
Oaklawn,Harlem(55)
Olney,Schilt(83)
Ottawa (53)
Paris (83)
Pecatonica (53)
Pekin (53,57)
Peoria A,R(53,57)
" Mt.Hawley(53,57)

Polo-Hamilton(53)
Pona (57)
Prairie du Rocher (81)
Presbyterian
Church #3 (83)
Princeton (53)
Quincy (57)
" (new) (57)
Rantoul,Chanute R,T(53)
Roanoke,Fash(53,57)
Rochester, Fleck's
Lakeview (59)
Rockford R (53)
" Machesney (53)
St. Charles (55)
St. Elmo
" Smith Aviation (83)
St.Francisville,Presby-
terian Ch.#3 (83)
Salem,Leckrone(83)
Sandwich (53)
Scott R,T (57,59)
Shelbyville,Shelby Co.(83)
Sheldon,Disosway(53)
South Beloit
" Beloit-S.Beloit(29)
Springfield A,R(53,57,59)
Steger,Will Co.(55)
Sterling (53,57)
Stockton (53)
Streator,Air Svc.(53)
Sycamore (53)
" Kishwaukee (53)
Taylorville (57)
Tinley Park
" Prosperi (55)
Tremont,Sharon(53,57)
Tuscola,Cooper(53)
Urbana,Illini (53)
Vandalia Mun. (57)
Van Orin (53,57)
Virden (59)
Warren,Evergreen(29)
Waukegon (29)
" Lake Co. (29)
Wooddale (55)

[redacted]

Advance FM (51,143)
Anderson (143)
" Ace (143)
" G & C (143)
Angola,Tri-State (51)
Annapolis,Port O'The
Woods (51,53)
Atterbury AAF (83)
Attica (51,53)
Auburn (51)
Baer (51)
Bargersville (143)
Bedford (83)
" Sky Haven (83)
Bloomfield, Crays (83)
Bloomington (83)
" Campus (83)
" Veterans (83)
Bluffton (51)
" Bluffton-Wells Co.(51)
Boswell (53)
Brownsburg (143)
Buck Creek, Fair Acres
(53,51)
Bunker Hill (51)
Camby,Owen Pathfinder
(143)
Cedar Grove FM (83)
Chalmers
" Monticello (51,53)
Charlestown (83)
Clayton FM (83,143)
Columbus (83)
" Atterbury AAF (83)
Connersville,Mettel(51,83
Converse (143)
Cook,Cedar Lake (55)

Corydon,Sky Park(83)
Crawfordsville (143)
Crown Point (85)
Culver (51)
Cynthiana,Straub(83)
Danville,Mecca(143)
" Stewart (143)
Decatur,Hi-Way(51)
Demotte,Cheever(51)
Dora,Lincoln (51)
Dyer,Triangle (55)
Elkhart (51)
" East Side (51)
Elwood (51)
Emison (83)
Evansville R,T (83)
Fort Wayne R (51)
" Baer T (51)
" Myers (51)
" Smith (51)
Francesville,Jackson
(51,53)
Frankfort,Lockwood(51,53
Franklin Fly. Fld (143)
Freeman (83)
French Lick Springs (83)
Galveston (51,53)
Gary (51,53)
" Lakeside (55)
" Skyway (55)
Goodland,Kentland Air
Service (51,53)
Goshen A,R (51)
" Midway (51)
Greencastle A,FM(51,143)
Greenfield A,FM(51,143)
" Farmers (143)
Greenwood
" White Cloud (143)
Hobart,Gamble (51)
Huntingburg (83)
Huntington (51)
" Wakefield (51)
Indianapolis R,T (51,83,
143)
" Brightwood (143)
" Hoosier-Park (143)
" Shank (143)
" Sky Harbor (143)
" Stout T (143)
Jeffersonville,Bush(83)
" New Albany (83)
Kendallville (51)
Kentland,Kentfield(51,53)
Kingman Fly.Svc.(51,53)
Knox,Starke Co.(51,53)
Kokomo,Mun. (51)
" Ruzicka (51)
Ladoga,Himes (143)
Lafayette R (51,53)
" Aretz (51,53)
" Haismer (51,53)
" Purdue Univ.(51,53)
" Reimer (51,53)
La Fontaine
" Shaffer's (51)
Lake Village (55)
Lanesville (83)
Lapel (143)
La Porte (51,53)
Lawrenceburg Valley(83)
Lebanon (143)
Liberty Center,Miller(51)
Linton (83)
Lizton (143)
Logansport (51,53)
" Logan (51,53)
Lowell FM (51,55)
McCool A,H,FM (51,53)
Madison, AAF (83)
" Myers (83)
Marion (51)
" West Side (51)
Markle FM (51)
Marshfield,Cork(51,53)
Martinsville, Elliott-
Martinsville (143)

Medaryville (51,53)
Mentone (51)
Michigan City (51,53)
" Mid-City (51,53).
Milroy (143)
Mishawaka (51)
" Sportsman (51)
Monticello (51,53)
Morgantown FM(51,143)
Mount Vernon (83)
Mulberry,Stair(51,53)
Muncie(51)
New Carlisle,Gordon(51,
53)
New Castle (143)
" Western (143)
Noblesville (143)
North Judson
" Kellerman (51,53)
North Manchester
" Manchester (51)
North Vernon
" St. Anne #2 (83)
Notre Dame FM (51)
Oaktown,Emison(83)
Orleans,Silent Brook(83)
Patoka (83)
Perrysville,Highland(51)
Peru (51)
Plainfield,Loy(143)
Plymouth (51,83)
Portland,Bringham(51)
" Steed (51)
Preble,Liniger (51)
Ramsey,Bush (83)
Rensselaer (51,53)
" Jasper Co. (51,53)
Richland,Ferguson(83)
Richmond, Com. (51)
" East Richmond (51)
" Mun. (51)
Rising Sun (83)
Roohester (51)
Rushville,Howell(143)
Salem,Boss-Deniem(83)
Scottsburg,Harbor(83)
Selma,Huffman(143)
" Reese Fly.Svc.(143)
Seymour,Freeman (83)
" Mapleton (83)
Shelbyville (143)
" Suco (143)
Sheridan (143)
" Black Hawk (143)
Shoals,Stiles (83)
South Bend R (51,53)
" Bendix T (51,53)
" Cadet (51)
" Chain-O-Lakes(51,53)
Stout T (143)
Syracuse,Spink-
Wawasee (51)
Terre Haute R (51,83)
" Hulman (51,83)
" Paul S.Cox (51,83)
Tolleston,Skyway(55)
Utica,Riverview(83)
Valparaiso
" Urschell (51,53)
Vevay (83)
Vincennes,O'Neal(83)
Wabash
" Whittenberger (51)
Warsaw Mun. (51)
" Smith (51)
Washington (83)
" Mun. (83)
Wellsboro, Triangle
Air Service(51,53)
Winchester,Coxey's(51)
Yorktown (143)
" Delaware (143)
Zionsville (143)
" Beck (143)
" Moore (143)

IOWA

Adair (57)
Algona,Squeeze (27)
Anita,Dressler (57)
Ames (27)
Armstrong (27)
Altantic (57)
" Int. (57)
Audubon,Airways(57)
Bellevue (27)
Burlington A,E (57)
Carroll (27)
Cedar Rapids A,H (57)
" Hunter (57)
" Saxon (27)
Centerville (57)
Charlton (57)
Charles City Mun.(27)
Cherokee (26)
Clarinda (57)
Clarion (27)
Clermont (27)
Clinton (55,57)
Columbus Junction(27)
Council Bluffs (56)
Davenport,Cram(53,57)
Decorah,Tairo (27)
Denison (26)
Des Moines E,T (57)
" Beaver (57)
Dewitt (57)
Dows (27)
Dubuque (27)
Dunlap (56)
Dyersville,Awye (27)
Earlham FM (57)
Eldora,Summers(27)
Elkader Arpk(27)
Emmetsburg,Ryan(27)
Estherville (27)
Fiscus,Briggs(57)
Fort Dodge,Exo (27)
Fort Madison (57)
Garner,Wicks (27)
Glenwood FM (30,61)
Grimes,Dodge (57)
Grinell, Niederhauser Airways (57)
Grand Mound,Grand(57)
Guthrie Center (57)
Hancock FM (60,61)
Harlan (59)
Hartley Mun. (26)
Ida Grove
" Flying Service (26)
" Nicholson (26)
Independence (27)
Indianola FM (57)
Iowa City A,E (57)
Iowa Falls (27)
Jefferson (27)
Keokuk (57)
Lake City (27)
Lamoni (57)
Le Mars,Western Union College (26)
Lenox (57)
Leon (57)
Lone Tree,Weiss Flying Service (57)
Manning (57)
Marshalltown
" Marshall (27)
" Niederhauser (27)
Mason City A,H (27)
" Eco (27)
Melbourne,Com.(57)
Milford,Fuller (26)
Missouri Valley (59)
Moneta,Thorne(26)
Monroe FM (57)
Montezuma (57)
Mt. Ayr,Mt.Ayrport(57)
Mt. Pleasant (57)
Muscatine (57)
Newton (57)
" Flying Service (57)
Ocheyedan,Peters(26)
Oelwein Mun. (27)
Onawa,Oliver Ranch(59)
Oskaloosa,Roth (57)
Ottumwa (57)
" NAS T (57)
" Venture (57)
Pella (57)
Pocahontas (27)
Randolph (59)
Red Oak (57)
Riceville,Mosher (27)
Rock Rapids,McKisick (26)
Sac City (27)
Seymour (57)
Sheldon (26)
Shenandoah (59)
Sioux City R,T (26)
Sloan FM (26)
Spencer (26)
" Hart (26)
Sprit Lake
" Okoboji Awys(26)
Storm Lake (26)
Strawberry Point
" Goodrich & Gross(27)
Stuart (57)
Sutherland,Liberty(26)
Traer (27)
Villisca,Tyler (57)
Washington (57)
Waterloo (27)
" Canfield (27)
" Chapman (27)
Webster City (27)
Wesley (27)
Winterset (57)

KANSAS

Abilene (61)
" Wright Arpk (61)
Anthony A,H (77)
Arkansas City (79)
" Baird (79)
Ashland (77)
Atchison,Hawk's(55)
Atwood (61)
Augusta (79)
Belleville (61)
Beloit,Moritz (61)
Bern (61)
Brewster
" Eddie Hutton (61)
Bucklin (77)
Burdett Fly.Club(61)
Caldwell (79)
Cassoday (77)
Cedar Pt.,Clothier(61)
Cedar Vale (77)
Chanute A,R (77)
Clay Center (61)
" Wood Arpk (61)
Coffeyville
" Edgewood (77)
" Ferguson Fly.Fld(77)
" Mun. #1 (77)
" Mun. #2 (77)
Colby (61)
Coldwater,Stark(77)
Concordia,Blosser(61)
" Mun. (61)
Derby (79)
DeSoto FM (55,57)
Dodge City A,H (77)
" AAF (77)
" #4 (77)
Downs (61)
Edwardsville,Fisher's (55)
El Dorado (79)
" Frasier (79)
Elkhart (75)
Ellinwood (61)
Ellsworth (61)
Emporia (61)
Eureka (77)
Fairfax T (55)
Ft. Leavenworth
" Sherman T (55)
Ft. Riley
" Marshall R,T (61)
Ft. Scott (81)
Fredonia (77)
Garden City A,R (77)
" AAF (77)
" #1 (77)
" #2 (77)
" #3 (77)
Gardner (55)
Garnett,Mader (57)
Girard (81)
Goodland A,H (61)
Great Bend, AAF (61)
" Airpark (61)
Greensburg (77)
Hays (61)
" Walker (61)
Hazelton,Strickland(77)
Herington (61)
" AAF (61)
Hiawatha (61)
Hill City,Mun. (61)
Hoisington (61)
Holyrood (61)
Hoxie (61)
Hugoton, Hap (75)
Hutchinson A,R (77)
" Commercial (77)
" NAS (77)
Independence (77)
" AAF T (77)
" #3 (77)
" #9 (77)
Iola (77)
Johnson (75)
Junction City,Ritter(61)
Kanorado,Winter (63)
Kansas City
" Fairfax T (55)
Kechi FM (77,79)
Kingman (77)
" Hi-Way (77)
Kiowa Fly. Svc.(77)
La Crosse,Hoover(61)
Lakin,Puckett's(75)
Larkinburg (61)
Lawrence (55)
Leavenworth
" Le Compton (55)
Lebo A,R (61)
Lenexa,Allman (55)
Lenora (61)
Liberal (77)
" Glenn Martin (77)
Lyons (61)
McPherson (61)
" Janssen Skytel (61)
Manhattan (61)
" Mankan (61)
" Pottawatomie(61)
Mankato (61)
Marion (61)
Marshall R,T (61)
Marysville (61)
Meade (77)
Medicine Lodge (77)
Moline,Elk Co.(77)
Moundridge (61)
Ness City,Nessco(61)
" Ness Fly.Club(61)
Newton (79)
Norton (61)
Oakley (61)
Oberlin (61)
Olathe,Hall's (55)
" NAS R,T (55,57)
Olathe
" OLF #2 (55)
" OLF #4 (55)
" OLF #7 (55)
" OLF #9 (55)
Osawatomie-Paola(55)
Ottawa (55)
" Conard (55)
Oxford FM (77,79)
Paola FM (55,57)
Parsons (77)
Phillipsburg (61)
Pittsburg,Atkinson(81)
Plains (77)
Pratt (77)
" AAF (77)
Protection (77)
Russell (61)
St. Francis (63)
St.John,Firebaugh (77)
Salina (61)
" Sky Village (61)
" Smoky Hill R,T (61)
Satanta (77)
Scott City (61)
Seneca (61)
Sharon Springs (63)
Sherman T (55)
Smith Center (61)
Smoky Hill R,T (61)
Stafford (77)
Stanley,Country Club(55)
" State Line Arpk(55)
Sterling Air Svc.(61)
Summerfield (61)
Syracuse (75)
" Int. (75)
Topeka R,T (61)
" Huntoon (61)
" Phillip Billard T(61)
Towanda FM (77,79)
Tribune,Pickrel-Farmer Fly. Svc. (63)
Ulysses (75)
Viola FM (77,79)
Wakefield,Elkins (61)
Walker (61)
Wellington (79)
Wellsville,Gault (55)
Wichita R,T (77,79)
" Arther Airfld (79)
" Beech T (79)
" Cannon Ball (79)
" Cessna Acft (79)
" Ken-Mar Arpk (79)
" Rawdon (79)
" Riverside (79)
" University (79)
" Wilson (79)
Winfield (79)
" South (79)
" Winfield-Arkansas City (79)

KENTUCKY

Ashland (85)
Bardstown,Nelson Co.(83)
Bowling Green A,R (91)
Campbell (91)
Campbellsville (83)
Cedar Bluffs,Princeton (91)
Coal Run,Pikeville (85)
Covington, Greater Cincinnati T (85)
Crayne,Marion-Jaycee (83)
Danville,Goodall(83,85)
Darfolk,Codell (85)
Dillon, Harlan (93)
Eastwood FM (83)
Elkton,Standard (91)
Falmouth (85)
Fort Knox,Godman R,T (83)
Frankfort
" Silver Lake (83,85)
Glasgow,Davis-Norris
Glendale (83) (91)
Godman R,T (83)
Greenville
" Greenville-Central City (83)
Hartford (83)
Hazel, Marian (91)
Henderson Arpk (83)
Hopkinsville
" Campbell AAF (91)
" Garnett (91)
Jackson (85)
Knifley,Streeval (83)
Lebanon (85)
" Betzel (83)
Lexington R (85)
" Blue Grass (85)
" Cool Meadows (85)
London
" Jody (85)
Louisville R (83)
" Bowman T (83)
" Riverside (83)
" Standiford (83)
Lynch,Cumberland Valley (93)
Madisonville (83)
" Agee Williams (83)
Manchester, Sky (85)
Mayfield
" Graves Co. (91)
Maysville (85)
Melbourne,Ross (85)
Middlesboro (93)
Milford (85)
Monterey,Karsner (83)
Monticello
" Rice (93)
Mt. Washington (83)
Nolin,Kernek's (83)
Owensboro (83)
Paducah
" McCracken (91)
" Howell (83)
Paintsville (85)
Paris (85)
Prestonburg (85)
Raceland
" Abken (85)
Richmond, Port Richmond (85)
Shelbyville,Shelby (83)
Shepherdsville FM (83)
Somerset (85)
" Pulaski Co. (93)
Sturgis (83)
Sulphur FM (83)
Union FM (85)
Warsaw (83)
West Point (83)

LOUISIANA

Alexandria A, R (127)
" Esler (129)
" McArthur (127)
Arcadia (113)
Barataria FM (129)
Bastrop (113)
Baton Rouge R (129)
" East Baton Rouge Parish (129)
" Harding (129)
Bogalusa (129)
Camp Polk, North (127)
" South (127)
Cotton Valley (113)
Covington (129)
" K-P (129)
Crowley
" LeGros Memorial (127)
Delhi (113)
De Quincy (127)
De Ridder (127)
Dixie FM (113)
Donaldsonville (129)
Esler (129)
Eunice (127)
Ferriday (113,129)
Gilbert
" Gardner (113)
Grand Isle (129)
Hammond (129)
Hodge (113)
Houma (129)
Jackson (129)
Jennings (127)
Lafayette A, H (129)
" Boise de Lafayette(129)
" Girard (129)
Lake Charles R (127)
" Mun. (127)
" N.Lake Charles (127)
Lake Providence (113)
La Place FM (129)
Leesville (127)
Logansport,Johnson (113)
Madisonville FM (129)
Mansfield
" De Soto Parish (113)
Many
" Hart (113)
Minden (113)
Moisant International T (129)
Monroe A, R (113)
" Selman (113)
" Arpk (113)
Morganza, Point Coupee (129)
Natchitoches (113)
Newellton
" Burnside & McDonald (113)
New Iberia (129)
" Iberia Parish (129)
New Orleans FM, R, T (129)
" Alvin Callender (129)
" NAS (129)
" Meraux-Neunez (129)
" Moisant International T (129)
New Roads
" False River (129)
North Camp Polk (127)
Oakdale (127)
Opelousas (129)
Patterson
" Harry P. Williams Memorial (129)
Pollock (127)
Quebec,Arneson (113)
Ruston (113)
Shreveport R, T (113)
" Barksdale R, T (113)
" Lucien (113)
" Arpk (113)
Slidell,Pravado (129)
Sondheimer,Roosevelt (113)
South Camp Polk (127)
Tallulah (113)
Ville Platte, Evangeline (129)
Wilson, Redwood (129)
Winnfield
" Joyce (113)
Winnsboro (113)

MAINE

Andover (37)
Auburn
" Greenlaw (37)
" Auburn-Lewiston (37)
Augusta A, R (37)
Bangor R (37,39)
" Dow T (37,39)
Bar Harbor (37)
Baring, St. Croix (39)
Belfast (37)
Benton,Fernald's (37)
Bethel (37)
Biddeford (37)
Bowdoinham
" Merrymeeting (37)
Bradford, Snow (39)
Brewer
" Doane's (37,39)
Bridgewater
" Nelson's (39)
Brownville Junction
" Prairie (39)
Brunswick
" Douglas (37)
" NAS (37)
" Riverside (37)
Caribou (39)
Deblois Figt Strip (37)
Dexter (39)
Dow T (37,39)
East Corinth FM (39)
Eastport (39)
Ellsworth
" Billings (37)
Enfield, Swasey's (39)
Farmington (37)
Ft. Kent (39)
Freeport
" Stover (37)
Fryeburg Arpk (37)
Greenville (39)
Houlton A, R (39)
Hudson, Robbins (37,39)
Island Falls
" Green's (39)
Jackman, Newton (39)
Kennebunk (37)
La Grange
" Bishop (39)
Lewiston
" Central (37)
Limestone FM (39)
Livermore Falls (37)
Mapleton,Community (39)
Mars Hill (39)
Millinocket A, R (39)
Minot
" Maheux (37)
Newport (37,39)
Norridgewock (37)
Norway (37)
Old Town (37,39)
Patten
" Webb's (39)
Phillips
" Raymond's (37,39)
Pittsfield (37, 39)
Pittston (37)
Portland A, R (37)
Presque Isle R, T (39)
" Northland (39)
Princeton (39)
Rangeley (37,39)
Rockland (37)
" Rockland-Broadway(37)
Rumford (37)
Sanford, Goodall (37)
Scarboro (37)
Skowhegan
" Ford (37)
" Tomlinson (37, 39)
South Portland
" Port O'Maine (37)
Turner
" Rollins (37)
" Twitchell's (37)
Washington, Austin (37)
Waterville (37)
West Buxton
" Hilltop (37)
Winterport
" Fernald (37)

MARYLAND

Aberdeen (89)
" Phillips T (89)
Andrews R, T (89)
Annapolis, Seaplane T (89)
Annapolis Inc. (89)
" Dixie (89)
" Lee Annapolis (89)
Baltimore R, T (87, 89)
" Diffendahl (89)
" Martin T (89)
" Pimlico (89)
" Rutherford (89)
Beachville, Webster T (87)
Beltsville FM, A (87, 89)
Berwyn
" Capital (89)
Brandywine R (87, 89)
" Curtis (89)
Camp Springs
" Andrews R, T (89)
Chesterton, Gill (89)
Churchville
" Aldino (89)
Clinton
" Hyde (89)
College Park (89)
Croom
" Columbia (89)
" Mattaponi (89)
Cumberland (87)
" Mexico Farms (87)
Doncaster FM (87, 89)
Easton (89)
" Webb (89)
Edgewood Arsenal (89)
Elkton, Lovett (89)
Fort Meade (89)
Frederick
" Stevens (87)
" Frederick City (87)
Gaithersburg, Davis (89)
Glenburnie
" Whipp (89)
Greenbelt
" Schrom (89)
Hagerstown (87)
Hyattsville
" Queens Chapel (89)
Meekins Neck FM (89)
Ocean City
" Hickman (89)
Patuxent River R, T (87)
Phillips T (89)
Piney Point (87)
Pocomoke (89)
Pomonkey
" Maryland (89)
Riverdale
" Erco (89)
Rock Hall (89)
" Faybrook (89)
Rockville
" Congressional (89)
Salisbury (89)
" Delmarvia (89)
Shady Side (89)
Showell, Midway (89)
Taneytown (87)
Webster T (87)
Westminster, CAP (87)
Worton
" Kent (89)

MASSACHUSETTS

Adams (41)
Agawam (41)
" Bowles (41)
Auburn (41)
Ayer (41)
Barre Plains
" Hiller (41)
Bedford H, T (39,41,43)
Berkley,Myricks (43)
Beverly (39)
Billerica
" Shawsheen Pines (39)
Boston R (39,43)
" Logan T (39,43)
Brant Rock FM(39,43)
Brockton(39)
Brookfield(41)
Canton
" Boston-Metro.(39)
Chatham (43)
Chicopee Falls
" Westover R,T (41,43)
Clinton, Bolton(41)
Dedham FM (39,43)
Dracut, Richardson (39)
East Brookfield (41)
Easton FM (39,43)
Edgartown (43)
Essex, Cape Ann (39)
Everett FM (39,43)
Falmouth (43)
" Mun.(43)
" Otis (43)
Fitchburg (41)
Franklin FM(41,43)
Gardner (41)
Great Barrington (41)
Groton (41)
Hanover, Clark (39)
Hatfield, Pilgrim (41)
Haverhill, Walker-Dutton (39)
Hyannis (43)
Lawrence(39)
Leicester(41)
Mansfield (39)
" Sherman Memorial(39)
Marlboro(41)
Mendon (41)
Montague
" Turners Falls (41)
Nantucket Isl. (43)
New Bedford (43)
Newburyport
" Plum Island (39)
Norfolk (39,41)
" Franklin-Norfolk
North Adams
" Stevens (35)
Northampton
" La Fleur (41)
North Attleboro
" Wilkins Fly. Fld(39,41)
North Dighton, Mid City (43)
North Grafton
" Grafton (41)
Norwood (39)
Oak Bluffs (43)
Orange (41)
Otis (43)
Palmer
" Metropolitan(41)
Peabody FM (39,43)
Pepperell, Glow (39)
Pittsfield (41)
Plymouth (43)
" OLF (43)
Provincetown Landing (43)
Quabbin H, FM (41,43)
Revere (39)
Seekonk,Providence(41)
South Boston FM (39,43)
Southbridge (41)
South Easton,Ames (39)
South Hadley (39)
South Weymouth T (39)
Spencer (41)
Springfield (41)
Squantum R, T (39,43)
Taunton, King (43)
Vineyard Haven
" Martha's Vineyard (43)
Wareham, Co. Club (43)
West Barnstable
" Cape Cod (43)
Westboro (41)
Westfield R (41,43)
" Barnes (41,43)
Westover R, T (41,43)
West Springfield (41)
Williamstown
" Fair View Farm (35)
Worcester (41)

MICHIGAN

Adrian, Adrian City(51)
Albion, Morgan's (31)
Allegan (31)
Alma (31)
Alpena
" Phelps Collins (15)
" Scheilder (15)
Amasa (15)
Ann Arbor (141)
Armada (31)
Athens, David (31)
Atlanta (15)
AuGres (15,31)
Bad Axe (31)
Baldwin (15,31)
Bangor FM (31)
Baraga, Big Lake (15)
Battle Creek R (31)
" Kellogg (31)
Bay City
" Clements (31)
Belding Flyers (31)
Bellaire (15)
Benton Harbor
" Twin Cities (53)
Big Beaver (141)
Big Rapids
" Mecosta Co. (31)
Birmingham, Berz (141)
Blaney, Blaney Park (15)
Brainerd, Pine Beach (14)
Breedsville (31)
Brevort (15)
Cadillac H, A (15,31)
Calumet
" Houghton Co. (15)
Caro (31)
Centerville
" St. Joseph Co. (51)
Charlevoix (15)
Charlotte, Beach (31)
Chesaning (31)
Clare, Doherty (15,31)
Clio, West's (31)
Coldwater, Branch Co. (51)
" Legg (51)
Comstock Park
" Grand River (63)
Croswell, City (31)
Crystall Falls
" Haight (15)
Davison, Seely's (31)
Detroit H (31,141)
" Burns (141)
" Detroit City T (141)
" Ford (141)
" Grosse Ile NAS T(141)
" Joy (141)
" Nat'l Fly. Svc. (141)
" Wayne Co. (31,141)
Dexter, Washtenaw (141)
Douglas
" Saugatuck-Douglas (29,31)
Dowagiac
" Cass Co. Mem'l (51)
East Jordan (15)
East Tawas, Iosco (31)
Eaton Rapids,Miller (31)

Edgerton, Cedar Rock (31)
Elsie (31)
Escanaba (15)
Evart Mun. (15)
Farmington
" Krist-Port (141)
Fenton, Dunner (31)
Flat Rock,Nanbar (141)
Flint E (31)
" Bishop T (31)
" Motor City (31)
Flushing, Dalton (15,31)
Fostoria,Forrest (31)
Frankfort (15,29,31)
Fraser,McKinley (141)
Fremont, City of Fremont (31)
Galesburg
" Avia. Country Club (31)
Gaylord
" Otsego Co. (15)
Gladwin A, H (15,31)
Gobles, Wesler (31)
Graafschap, Tulip City (29,31)
Grand Ledge
" Abrams (31)
Grand Marais R (15)
Grand Rapids R (31)
" Kent Co. (31)
Grant Mun. (31)
Grayling (15)
" Masons (15)
Greenville (31)
Gregory,Richmond (31)
Grosse Ile NAS T (141)
Hally (31)
Harbor Beach (15,31)
Harrison (15,31)
Hartford,Leach Aero(31)
Hastings (31)
Hillman (15)
Hillsdale (51)
Holland
" Park Township (31)
Houghton A, R (15)
Houghton Heights
" Houghton Lake (15)
Howell (31)
Indian River
" Campbell (15)
Ionia (31)
Iron Mountain, Ford (15)
Ironwood,Gogebic (14)
Ishpeming-Dexter (15)
Ithaca,Johnsons (31)
Jackson H (31)
" Reynolds (31)
Jonesville (51)
Kalamazoo
" Austin Lake (31)
" Lindbergh (31)
Kalkaska (15)
Kinross (15)
Lakeview (31)
L'Anse,Muzzy's (15)
Lansing R (31)
" Capital City (31)
Lapeer (31)
Lawton, Marks (31)
Litchfield, Lamm (141)
Loretto (15)
Lowell (31)
Ludington
" Mason Co. (15,29)
Mackinaw City (15)
Maple Rapids (63)
Manistee-Blacker (15,29)
Manistique
" School-Craft Co. (15)
" Steuben (15)
Marenisco (15)
Marlette (31)
Marquette Co. (15)
Marshall, Brooks (31)
Mason, Jewett (31)
Menominee Co. (15)
Midland,Barstow (31)
Milan (141)
Millett, Aero Manor (31)
Mio (15)
Monroe, Custer (51)
Moorland, Hutchinson's Sunnyside (31)
Mt. Clemens
" Selfridge R, T (31)
Mt. Pleasant (31)
Munising, Alger Co. (15)
Muskegon R (29,31)
" Muskegon Co. (29)
" Northside (29,31)
Newaygo (31)
New Baltimore, Anchor Bay (31)
Newberry, Luce Co. (15)
New Hudson, Knapp(141)
Newport (141)
" Monroe (51)
Niles (51)
Norway,Northland (15)
Onaway (15)
Oscoda (15,31)
Owosso
" Shiawassee Co. (31)
Paw Paw (31)
Pelkie, Baraga (15)
Pellston H (15)
" Emmet Co. (15)
Petoskey
" Harbor Springs (15)
Piconning, Sportsman (15,31)
Plainwell, McKay (31)
" Otsego-Plainwell(31)
Plymouth
" Mettetal (141)
" Triangle (141)
Pontiac, Allen's (31)
" Pontiac (31)
Port Huron, Baker's(31)
" St. Clair Co. (31)
Prudenville
" Roscommon Co.(15,31)
Quinnesec, Northland(15)
Raco (15)
Red Oak, Lost Creek Sky Ranch (15)
Rexton, D.A.R. (15)
Rogers City
" Presque Isle Co. (15)
Romeo (31)
Romulus R (31,141)
Roscommon (15,31)
Roseville (141)
Rothbury, Oceana (29)
Saginaw A, H (31)
" Barry (31)
" Skyhaven (31)
" Tri City (31)
Saline FM (31,141)
St. Helen (15,31)
St. Ignace
" Mackinac Co. (15)
St. James
" Beaver Island (15)
St. Johns, Wings (31)
Sault Ste Marie A,R (15)
" -Kinross A,H(15)
Selfridge R,T (31)
Sidnaw
" Prickett-Grooms(15)
South Branch, Timbers Sky Camp (15,31)
Sputh Haven, City (53)
South Rockwood, Flat Rock (141)
Sparta (31)
Springville, Irish Hills(141)
Sturgis, Kirsch (51)
Tawas City (31)
Tecumseh (141)
Three Rivers
" Haines (51)
Topaz, Big Bear (15)
Traverse City A, R (15)
Union City (31)
Utica (31)
" Wings (31)
Warren (141)
Waterloo (141)
Waters (15)
Watersmeet (15)
Wayne
" Hartselle Air Term. (141)
" Stinson (141)
West Branch
" La Porte (15,31)
White Cloud (31)
Wildwood
" Pet-O-Se-Ga (15)
Wixom FM (31,141)
Woodland Beach
" Navarre (51)
Wyandotte, Hance (141)
Ypsilanti
" Gridley (141)
" McEnnan (141)
" Willow Run T(141)

MINNESOTA

Aitkin Mun. (14)
Albert Lea (27)
Alexandria A, R (11)
Amboy (27)
Annandale,Toby (14)
Anoka Fly. Svc. (14)
Appleton (11)
Austin, Decker (27)
Barnesville FM (11)
Baudette (14)
Bemidji (14)
Benson (11)
Blue Earth (27)
Brainerd (14)
" Todd (14)
Camp Ripley (14)
Cokato, Anderson (14)
Coleraine (14)
Crookston (11)
Crosby (14)
DetroitLakes (11)
Dodge Center
" Pleasant Corners (14)
Duluth A, R (14)
Ely (14)
Erskine
" Erskine-Gunther (11)
Fairfax, Bleick (14)
Fairmont (27)
Fergus Falls (11)
Forest Lake, Waldoch (14)
Frontenac
" Lake City (14)
Fulda Mun. (26)
" Janssen (26)
Garrison, Miller (14)
Glenwood Mun. (11)
Graceville (11)
Grand Rapids (14)
" Otis Lodge (14)
Hamel FM (14)
Hastings FM (14)
Hector (14)
Hibbing (14)
Hutchinson (14)
Jackson Mun. (27)
Jordan FM (14)
Kenyon (14)
Lake Benton (11)
Lake Wilson
" Smitty Sky (11)
Le Sueur (14)
Little Falls
" Camp Ripley (14)
Littlefork (14)
Litchfield (14)
Luverne
" Blue Mound (26)
" McDowell Sky Ranch (26)
Madison (11)
Mankato (14)
Marshall (11)
Mayer
" Sells Fly. Fld (14)
Minneapolis R (14)
" Cedar (14)
" Flying Cloud (14)
" Victory (14)
" Wold Chamberlain T (14)
Montevideo (11)
Monticello,Hincks (14)
Morgan (14)
Morris (11)
New Brighton
" Univ. of Minn. (14)
Nisswa
" Hermood Gull Lake(14)
New Ulm (14)
Ortonville (11)
Owatonna (14)
Park Rapids (11)
Pine River
" Sky Harbor Lodge (14)
Pipestone (26)
Princeton (14)
Red Wing (14)
Redwood Falls (11)
Robbinsdale (14)
Rochester R, T (27)
Roseau (11)
Rosemount, Southport(14)
St. Cloud
" Whitney Mem'l. (14)
St. Paul (14)
St. Peter (14)
Sherburn (27)
Sleepy Eye, Mun. (14)
S. St. Paul
" Fleming (14)
Stanton, Carleton (14)
Staples (14)
Taylor Falls (14)
Thief River Falls (11)
Tofte, Gervais (14)
Tracy (11)
Triumph,Tri-Mont (27)
Turtle River
" Bemidji-Port-O-Wilds (14)
Twin Valley Farm (11)
Virginia (14)
Wadena (11)
Waseca (14)
Westbrook (11)
Wheaton (11)
White Bear Lake
" Northport (14)
Willmar R, A (11)
Winona (14)
Worthington (26)

MISSISSIPPI

Aberdeen, Stinson (115)
Baldwyn (91)
Batesville (81, 115)
Benoit, McCain (113)
Beulah, Dossett (113)
Biloxi, Keesler R, T (129)
Brookhaven, Ulmer (113, 129)
Bucatunna, Dobson (129)
Calhoun City
" Johnstone's (115)
Canton, Lee (115)
Charleston, Sayle (115)
Clarksdale (81)
" Fletcher (81)
Cleveland (113)
" Jones-Harden (113)
Columbia (129)
Columbus (115)
" Masonic (115)
Corinth (91)
Crystal Springs (113)
Elizabeth, Leland (113)
Ellisville (129)
Eupora (115)
Flora FM (115)
" Childress (113)
Florence FM (115)
Forest (115)
Glen Allan, Skinner (113)
Grace, Woodside (113)
Greenville Mun. (113)
" Cypress (113)
" Dime Dusting Co.(113)
" Greenville AAF (113)
Greenwood R (115)
" Mun. (115)
" AAF (115)
Grenada (115)
Gulfport Mun. (129)
" Mun (old) (129)
Hattiesburg AAF (129)
" Glendale (129)
Houston (115)
Indianola (113)
Jackson R (115)
" Augustine (115)
" East Jackson (115)
" Hawkins T (113)
" Hinds Co. (113)
" No. Jackson (115)
" Rankin (115)
Kentwood (129)
Laurel (129)
Leland
" Lakeview (113)
Louisville Air Svc (115)
Lula, Bass (81)
McComb (129)
Marks (81)
Meridian R (115)
" Key (115)
" Lauderdale Civil (115)
Merigold, Jones (113)
Moorhead, Everett (113)
Natchez (113,129)
" Sharpe (113,129)
Nesbitt FM (81)
New Albany Fly. Svc (81)
Newton, O'Keefe (115)
Nitta Yuma
" Jim Davis (113)
Oxford (81,115)
Pascagoula
" Jackson Co. (131)
Pelahatchee FM (115)
Philadelphia, Friendly Flying Svc. (115)
Picayune (129)
Pickens, Presley's (115)
Pontotoc, Spook (81,115)
Rockport (115)
Round Lake, Watts (113)
Scooba (115)
Starkville (115)
" Oktibbeha (115)
Stinson (115)
Tupelo (115)
Tutwiler, Strange Flying Service (113)
Tylertown (129)
Vicksburg A, H (113)
Walls, Sanders (81)
Warrenton, Longview (113)
West Point (115)
Winona (115)
Yazoo City (113)
Yokena
" Le Tourneau (113)
Zeiglerville (115)

MISSOURI

Advance A, R (81)
Aurora (81)
Bernie, Ward (81)
Bethany, Fordyce (57)
Bolivar (81)
Boonville (57)
Bowling Green (57)
Branson (81)
Brookfield,Bailey's (57)
Buffalo (81)
Buller (57)
Cabool (81)
Cameron (57)
Campbell,Ramsey (81)
Cape Girardeau
" Cape Commercial(81)
" Harris (81)
Carrollton (67)
Carthage, Meyers (81)
Cassville (81)
Charleston (81)
Chillicothe H, A (57)
" Bailey's (57)
Clinton (57)
Columbia R, A (57)
Diamond (81)
Dixon (81)
Eldon Model Arpk (57)
Ellisville (59)
Excelsior Sprgs FM, A (57)
Exeter, Clover Hill (81)
Farmington (81)
Fayette Fly. Fld. (57)
Fenton,
" Sylvan Beach (59)
Festus, Lucas (59)
Fredericktown (81)
Fulton (57)
Gainesville (81)
Gallatin, Daviess (57)
Galt, Ace High (57)
Gideon (81)
Gorin, Wyllies (57)
Grant City
" Edwards Arpk (57)
Gravois Mills
" Mel Adkins Resort (57)
Hannibal (57)
Harrisonville (55)
Hayti, Downing (81)
Houston, King. (81)
Iberia, Eads (57)
Independence (55)
Jefferson City (57)
Joplin R, A (81)
" Harper (81)
Kahoka, Montgomery(57)
Kansas City R,T (55,57)
" Heart of America (55)
" Kansas City-Grandview (55)
" Org (55)
Kennett (81)
" Sexton (81)
Kirksville A, R (57)
" Arpk (57)
Kirkwood, Weiss (59)
Knobnoster
" Sedalia (57)
Lebanon (81)
Lexington (57)
Linkville FM (55,57)
Lucerne, Myers-Hughs (57)
Luray (57)
Macon,Stephenson (57)
Malden AAF (81)
" Dexter (81)
Malden, Gideon (81)
Marceline (57)
Marshall H, A (57)
" Nicholas (57)
Maryville (57)
McBride,Chester (81)
Mexico, Green (57)
Moberly, Bradley (57)
Monett (81)
Neosho Com. (81)
" Mun. (81)
Neubeiser (59)
Nevada (81)
New Florence H, A (57)
Osborn (55)
Owensville,Depperman (57)
Palmyra (57)
Pittsville (57)
Popular Bluffs, Earl (81)
Rolla (81)
Rushville, East Atchison (55)
St. Charles,Kratz (59)
" St. Charles (59)
St. Clair (57)
St. Joseph A, R (55,57)
" Rosecrans T(55,57)
" Lake Contrary (55)
St. Louis R (57,59)
" Lambert-St. Louis T (57,59)
" Ross (59)
" Neubeiser (59)
" Sterling (59)
St. Peters FM (57,59)
Sedalia (57)
" AAF (57)
Sikeston (81)
Slater (57)
Spanish Lake H,FM (57, 59)
Springfield A, R (81)
" McFarland Fly. Svc. (81)
" Rogers (81)
Tarkio H, A (59,61)
Trenton, Embry (57)
" Vaughn (57)
Tuscumbia, Sky Lake(57)
Unionville Awys (57)
Valley Park
" Meramec (59)
Van Buren (81)
Versailles (57)
Vichy R, A (57)
Warrensburg (57)
" Sky Haven (57)
Warrenton, Zims (57)
Warsaw (57)
West Plains
" Sky Haven (81)
Willow Springs (81)
Windsor, Huston (57)

MONTANA

Alberton FM (6)
Baker (10)
Belt FM (6)
Big Timber (7)
Billings R,T,FM (7)
Birney
" Bones Bros. Ranch (7)
Bozeman R (6)
" Gallatin (6)
Bridger (7)
Butte A, R (6)
Cascade FM (6)
" Bob Gordon (6)
Chester (6)
Chinook (7)
Choteau (6)
Circle (7)
Columbus (7)
Conrad (6)
Custer R, A (7)
Cut Bank A, R (6)
Deer Lodge (6)
Dell Flight Strip (6)
Denton (7)
Dillon R, A (6)
Drummond R, A (6)
Ennis (6)
Eureka (3)
Flathead Nat'l Forest
" Basin Creek (6)
" Big Prairie (6)
" Black Bear (6)
" Condon (6)
" Holbrook (6)
" Meadow Creek (6)
" Schaeffer (6)
" Spotted Bear (6)
Forsyth (7)
Fort Benton (6)
Fort Peck (7)
Gardiner (6)
Gates Park (6)
Geraldine,Tanner (6)
" Geraldine (6)
Geyser (6)
Glasgow, Valley Co. (7)
Glendive (10)
Great Falls R, T (6)
" AAF T (6)
Gregson
" Rainbow Skyport (6)
Hamilton (6)
Hardin
" Big Horn Co. (7)
" Zelka (7)
Harlem (7)
Harlowton (7)
Havre City-Co. (7)
Helena R, T (6)
Homestake FM (6)
Hot Springs (6)
Huson, Six Mile (6)
Ingomar (7)
Jordan (7)
Kalispell (6)
" Flathead Co. (6)
Lavina (7)
Lewistown A, R (7)
Libby (3)
Livingston A, R (6)
" Mun. (6)
Malta Arpk (7)
McDonald Pass FM (6)
Mildred (7)
Miles City A, R (7)
Missoula (6)
" Hale (6)
" Missoula Co. (6)
Moore (7)
Mullan Pass R (3)
Nibbe FM (7)
Park City FM (7)
Plains (6)
Plentywood (10)
Polebridge
" Quarter Circle M.C. Ranch (6)
Polson (6)
Poplar (7)
Rapelje (7)
Red Lodge (7)
Roundup (7)
St. Xavier (7)
Scobey (7)
Seeley Lake (6)
Shelby, Toole Co. (6)
Sheridan (6)
Sidney (10)
Stanford FM (6)
Stevensville (6)
Superior R, A (6)
Tampico, Etchart (7)
Thompson Falls (3)
Townsend (6)
Troy (3)
Twin Bridges (6)
Valier (6)
Vida, Vine (7)
West Yellowstone (6)
Whitehall R, A (6)
Whitetail FM (6)
White Sulphur Springs (6)
Winston FM (6)
Wolf Point (7)
" Gustafson-Anderson (7)

NEBRASKA

Ainsworth (26)
" Mun. (26)
Alliance AAF (25)
" Mun. (25)
Atkinson (26)
Auburn (59)
Bayard (63)
Beatrice (61)
Beaver City, Hewett's (61)
Benkelman (61)
Big Springs (63)
Blair (59)
Bradshaw (61)
Brainard (61)
Broken Bow (61)
Bruning (61)
" Hawks (61)
Chadron H, A (25)
Chappell (63)
Clay Center (61)
Columbus (61)
Crawford (25)
Crete (61)
David City (61)
Decatur,Eagleton (59)
Elgin (61)
Fairbury (61)
Falls City (59)
Fort Calhoun FM (61)
Fort Robinson (25)
Fremont (61)
Geneva, Fairmont (61)
" Flying Service (61)
Gordon (25)
Gothenburg (61)
Grand Island R (61)
" Central (61)
" Roush (61)
Harvard (61)
Hastings (61)
" Sky Ranch (61)
Hayes Center R, A (61)
Hay Springs (25)
Hebron (61)
Holdrege (61)
" Mun (new) (61)
Humboldt, Hew's (59)
Imperial (61)
Kearney (61)
" AAF H, T (61)
" Harmon (61)
Lewellen,Patty's (63)
Lexington (61)
Lincoln A, R (61)
" Arrow (61)
" Union (61)
" Waverly (61)
Lisca (63)
Lorenzo (63)
McCook (61)
" AAF (61)
Mead FM (59, 61)
Mitchell (63)
Nebraska City
" Grundman (59)
Norfolk (61)
North Platte R (61)
Oakland (61)
Offutt T (59)
Ogallala (63)
Ohiowa (61)
Omaha R, T (59,61)
" Clear Ridge (59)
" Offutt T (59)
O'Neill Mun. (26)
Ord (61)
Oshkosh (63)
Overton (61)
Pender (26)
Potter, Bar 'J' Lazy V (63)
" Idle Acres (63)
Ravenna (61)
Republican City, Waldo Air Service (61)
Rushville,Modisett (25)
Schuyler (61)
Scottsbluff R, A (63)
Scribner (61)
Seneca (25)
Sidney H, A (63)
" Int. (63)
Stratton, Hall (61)
Stuart, Skrdla (26)
Superior Mun. (61)
Tecumseh (59)
Tekamah (61)
Trenton (61)
Valentine (25)
Valley (59)
Wahoo (61)
Wayne (26)
West Point (61)
Wisner, Heller (61)
York (61)

NEVADA

Alamo, Pahranagat (71)
Austin (19,69)
Battle Mountain A,R (19)
" Flight Strip (19)
Boulder City (71)
Buffalo Valley (19)
Caliente (71)
Carlin FM (19)
Carson City (19,69)
Coaldale (69)
Crystal FM (71)
Death FM (19)
Elko R (19)
" Keddie (19)
Ely, Yelland (22)
Fallon A, R (19,69)
" Lahontan (19,69)
Fernley (19,69)
" Lahontan (19,69)
Gabbs (69)
Goodsprings FM (71)
Hawthorne (69)
Humboldt R, A (19)
Indian Springs (71)
Las Vegas T, R (71)
" Alamo (71)
" Hoot Gibson's (71)
" Sky Haven (71)
" Vegas SkyCorral (71)
Lovelock (19)
" Int, (19,69)
Manhattan (69)
Minden
" Douglas-Tahoe (69)
Mormon Mesa (71)
Owyhee (19)
Reno R, A (19,69)
" Hubbard T (19,69)
San Jacinto (22)
Scottys (69)
Searchlight (71)
Smith,Smith Valley (69)
Sparks (19,69)
" Reno Sky Ranch(19,69)
Tonopah A, R (69)
" AAF (69)
" Bomb& Gun. Rng (69)
Wadsworth FM (19,69)

Winnemucca (19)
" Int. (19)
Yerrington (19,69)
Zepher Cove, Tahoe Sky Harbor (69)

NEW HAMPSHIRE

Ashland, Riverside (39)
Berlin (39)
Boscawen FM (39)
Claremont (35)
Concord R, A (39)
Conway, Valley (39)
East Jaffrey, Silver Ranch (39)
Erroll (37,39)
Franconia (39)
Franklin Airways (39)
Grenier R, T (39)
Haverhill, Dean Memorial (39)
Hinsdale, Brattleboro - Hinsdale Arpt (35)
Hooksett (39)
Keene (35)
" Dillam-Hopkins (36)
Laconia (39)
Lebanon A, H (35)
Littleton, Lewis (39)
Manchester, Grenier R, T (39)
Nashua, Boire (39)
" Gate City (39)
" Webster (39)
Newport, Parlin (39)
North Conway, White Mountain (39)
North Hampton, "Hampton (39)
Plymouth (39)
Portsmouth (39)
" Lafayette (39)
Sommersworth, Wayside (39)
Twin Mountain (39)
Whitefield, White Mountain (39)
Winchester (35)
Wolfeboro, Lakes Region (39)

NEW JERSEY

Andover, Trinca (47)
Asbury Park FM, A (43)
" Air Terminal (43)
Atlantic City (89)
" NAS T (89)
Barrington, Merrill (45)
Basking Ridge Sommerset Hills (45,47)
Belmar, Monmouth Co. (43)
Belvidere, Martins Creek (47)
Bendix, Teterboro T (45)
Blackwood (45)
" Almonesson (45)
Blairstown, Lake Susquehanna (47)
Boonton, Acft Rdo Corp. (45,47)
Breton Woods, Ocean Co. (43)
Bridgeport (45)
Bridgeton, Bridgeton-Deerfield (89)
" Bucks (89)
Seabrook (89)
Burlington (45)
Calco Stack H (43,45)
Caldwell-Wright T (45)
Camden, Central (45)
Cape May (89)
" Smith (89)
Cassville FM (45,47)
Chatsworth, Coyle (45)
Clinton, NW Jersey (47)
Columbus, Mahalchik (45)
East Hanover (45,47)
Elizabeth FM (45,43)
Florence (45)
Forked River A, FM (89)
Fort Dix (45)
Freehold FM (43,45)
Glassboro, Triangle (45)
Greenwich (89)
Hackettstown (47)
Hightstown (45)
Jamesburg, Forsgate Arpk, Inc. (45)
Lakehurst R, T (43,45,47)
Lakewood (43)
Landisville, Downstown (89)
Lebanon FM (47)
Lincoln Park (41,45)
Linden H (43,45)
" General Motors (45)
Mahwah, Ramapo Valley (41)
Marlton-Medford (45)
Netuchen FM (45,47)
Millville A, R (89)
" Oliver (89)
Moorestown (45)
Morristown (45,47)
Mt. Holly (45)
Newark R, T (43,45)
New Brunswick, Hadley (45,47)
" Mid-Jersey (47)
" N. Brunswick (47)
Ocean City, Clarke (89)
Paterson, Murchio (41,45)
Pennington (45)
Penns Grove (89)
Pitman (45)
Pittstown, Alexandria (47)
" Brown (47)
Princeton
" Nassau (45)
Rahway, Westfield (45)
Readington, Solberg-Hunterdon (47)
Red Bank (43)
Richland, Cavoli's (89)
Robbinsville, Trenton-Robbinsville (45)
Rocky Hill, Princeton (45)
Salem (89)
Sommerville, Somerset (45,47)
Sussex (47)
Toms River (89)
Trenton (45)
" Mercer Co. (45)
" Trenton (new) (45)
Vineland (89)
" Kroelinger (89)
Wildwood (89)
Williamstown, Star Harbor (89)
Woodbine (89)
Woodbridge, Shinn-Woodbridge (45,47)
Woodbury (45)
Woodstown (89)
Wrightstown, Ft. Dix (45)

NEW MEXICO

Acomita A, R (73)
Alamogordo A, R (105)
" AAF (105)
Albuquerque A, R (75)
" Alameda (75)
" Cutter-Carr #2 (75)
" Graham Bell (75)
" Kirtland T (75)
" Sky Court (75)
" West Mesa (75)
Anton Chico (75)
Artesia (105)
Aztec (73)
Belen (75)
" Art Goebel (75)
Berino, Valley (105)
Carlsbad A, R (105,121)
" Mun. (105,121)
" Carlsbad #1 (105,121)
" John J. Small (105,121)
Carrizozo (105)
Clayton (75)
Clovis R, A (75)
" AAF T (75)
" Hillcrest (75)
Columbus R, A (105)
Cubero (73)
Cuervo (75)
" Holbrook's (75)
Deming Arpk (105)
" AAF (105)
" Center (105)
" Cooper (105)
" Skytel (105)
Des Moines, Wetherly (75)
Dora (107)
Eagle Nest (75)
El Morro R, A (73)
Engle R, A (105)
Estancia (75)
Farmington (73)
Ft. Sumner (75)
" #5 (75)
Gallup (73)
" Gallup City (73)
Grants Landing Strip (73)
Hachita (105)
Harrington Ranch FM (105)
Hobbs R, A (107,121)
" AAF T (107,121)
Hot Springs (105)
Hurley (105)
Jal, Continental (107,121)
Juan Tomas FM (75)
Las Cruces (105)
" Mun. (105)
" Int. (105)
Las Vegas A, R (75)
Lordsburg, Kuykendall (103,105)
Lovington (107)
Magdalena (105)
Maxwell A, FM (75)
Mesilla Park, State College (105)
Milnesand, Fly 'M' (107)
Moriarty, Longhorn (75)
Mountainair (75)
Mt. Riley (105)
Otto R, A (75)
Peralta FM (75)
Portales (107)
Raton, Crews (75)
" Eagle Tail (75)
Rodeo R, A (103,105)
Roswell (105)
" Com. (105)
" B & B (105)
" AAF R, T (105)
" AAF #3 (105)
Roy (75)
Ruidoso (105)
" Parker (105)
Santa Fe (new) H, A (75)
" (old) (75)
Shiprock, Indian Svc (73)
Silver City (105)
" Whitehill (105)
Socorro (105)
Springer (75)
Strauss, Jundt (105)
Taos (75)
Tucumcari A, R (75)
Tularosa (105)
Wagon Mound (75)

NEW YORK

Accord
" Cliff Haven (41)
Albany A, R (35)
Albion (33)
Amityville, Zahns (45)
Angola A, FM (33)
Amsterdam (35)
Angelica (47)
Arcade (33)
Armonk, Westchester (41)
Auburn (35)
Auriesville FM (35)
Ballston Spa (35)
Barker (33)
Batavia (33)
Bayport, Davis (45)
Bedford, White (41)
Beekman, Lime Ridge (41)
Bethpage, Grumman T (45)
Billings, Freedom Plains (41)
Binghamton (47)
Boonville (35)
Brentwood, Bender (45)
Brockton, Becker (33)
Buffalo R, T (33)
Burt, Lakeview (33)
Canastota (35)
Carlisle, Briggs (35)
Carthage (35)
Catskill Valley (41)
Cheektowoga FM (33)
Cicero (35)
Clarence, Co. Club (33)
Clayton, Sunnybrook (35)
Colonie FM (35)
Commack, Carll (45)
Cooperstown (35)
Corinth (35)
Cortland (35)
Dansville A, H (33)
Deer Park (45)
Delanson, Sky Haven (35)
Depew, Transit (33)
Duanesburg (35)
Dunkirk A, H (33)
" Werle (33)
E. Amherst, Steffen (33)
E. Greenbush (41)
E. Hampton (41)
E. Pembroke FM (33)
" Pembroke (33)
Edgemere, Rockaway (45)
Elizabeth (41)
Elmira A, R (47)
" Chemung Co. (47)
" Pine City (47)
Endicott, Tri-Cities T (47)
Falconer (49)
Farmingdale, Republic T (45)
Fisher's Is., Elizabeth (41)
Flatbush H, FM (43,45)
Flushing (45)
Floyd Bennett R, T, H (43,45)
Fort Plain, Stone Arabia (35)
" Int. (35)
Fredonia (33)
Fulton (35)
" Arpk (35)
Gardenville, Buffalo (33)
Gardiner (41)
Geneva, Mason (33)
" Scenicaire Park (33)
Getzville, Audubon (33)
Ghent, Kline-Kill (41)
Glens Falls H, A (35)
" Moreau (35)
" Warren Co. (35)
Gloversville, Glove City (35)
" Steenburg (35)
Gowanda (33)
Greenridge, Donovan-Hughes (45)
Halcott Ctr, Halcott (47)
Hamburg Arpk (33)
" Erie Co. (33)
Hamilton, Colgate U. (35)
Hammondsport, Bath-Hammondsport (33)
Hancock (47)
Hempstead, Mitchel R, T (43,45)
" Nassau (45)
Herkimer, Hayduk (35)
Hicksville Arpk (45)
" Avia. Co. Club (45)
Hilton (33)
Honeoye Falls (33)
Hornell (33)
Horseheads, Eagle (47)
Hudson Falls (35)
Idlewild R (43,45)
Islip, MacArthur T (45)
Ithaca (35)
" Cayuga (35)
Jamestown (49)
Johnstown, Vaughan (35)
" Fulco (35)
Jonesville, Jewett (35)
Keene, March (35)
Keeseville (35)
Kingston (41)
" Kingston-Ulster (41)
Kirkville (35)
Lake Placid (35)
Lake View (33)
Lancaster, Scott (33)
Livingston, Manor (47)
Lockport, Graf (33)
" Lee (33)
Mahopac (41)
Maine, Nanticoke Valley (33)
Malone-Dufort (35)
Margaretville-Fleischman (47)
Massapequa
" Plattmaurice (45)
Massena (35)
" Stewart (35)
Mastic (43)
Mattituck (41)
Medina (33)
Mexico, Ladd's (35)
Middleburg, Valley (35)
Middletown, Randall's (47)
" Starhaven (47)
Millerton (41)
Mineola, Roosevelt (45)
Minoa (35)
Mitchel R, T (43,45)
Montgomery (41)
" No. 1 (41)
Monticello-Sullivan Co. (47)
Montour Falls, Martin (47)
Narrowsburg (47)
New Baltimore, Farly's (41)
Newburgh, Stewart R, T (43,45)
" Stanton's (41)
New City, Christie (41)
" Rockland (41)
New Hackensack A, R (41,43)
New Paltz (41)
New Rochelle H, FM (41, 43,45)
New Springville, Staten Island (45)
New York
New York NAS, Floyd Bennett R, T (43,45)
" La Guardia R, T (43,45)
Niagara Falls T (33)
North Tonawanda, Co. Line (33)
" Shawnee (33)
Northville, Sacandaga Park (35)
" Plateau (35)
Norwich, Eaton (35)
Norwood, Reagan (35)
Nyack, Miller (41)
Ogdensburg (35)
Olcott, Palmer (33)
Olean (47)
Oneonta, Keyes (35)
Orchard Park (33)
Owasco, Bonnie Brae (35)
Painted Post (47)
" Costa's (47)
Palmyra (33)
Peekskill, Croton (41)
Penn Yan (33)
Perry Central (33)
" Perry-Warsaw (33)
Piseco (35)
Pittsford, Brizee-Harmon (33)
Plattsburg (35)
Port Chester FM (41,43)
Port Jervis, Huguenot (47)
Potsdam, Damon (35)
Poughkeepsie,
" Arlington (41)
Prattsville (41)
Pulaski, Ross (35)
Ravena (41)
Red Creek (35)
Rexford, Long Meadow (35)
Rhinebeck, Cozine (41)
Richland (35)
Richmondville
" Schoharie (35)
Ripley (49)
Rochester R, T (33)
" Comm. (33)
" Meacham-Genessee
" Hylan (33) (33)
" Ridgeway (33)
Rockaway Park FM (43, 45)
Rome T (35)
Rushville (33)
Salamanca (49)
Saranac Lake (35)
Saratoga Sprgs FM (35)
Sayville (45)
" New Sayville (45)
Schenectady Co. (35)
" Intercity (35)
Schuylerville (35)
Selkirk (41)
Seneca Falls (33)
Sidney (47)
Silver Creek (33)
Silver Springs (33)
Sodus, Wallington (33)
Somers (41)
Springville (33)
Spring Valley, Co. (41)
Stewart R, T (41,43)
Stormville (41)
Syracuse A, R (35)
" Mun. T (35)
Ticonderoga (35)
Tonawanda (33)
Travis, Richmond Co. (45)
Troy (35)
Tupper Lake (35)
Utica A, R (35)
" Smithport (35)
Valley Stream, Columbia (45)
Walden, Newburgh-Walden (45)
Wallkill #2 (41)
Wappingers Falls (41)
Warwick-Wickham (41)
Watertown (35)
" Bradley (35)
Wellsville, Crowner (47)
Westfield (49)
Westhampton Beach
" Suffolk (43)
" Suffolk Co. (43)
Westport (35)
White Plains
" Westchester Co. T (41)
Whitesville, Community (47)
Williamsville, Sheridan (33)
Wingdale (41)
Wollcottsville FM (33)
Wurtsboro (47)

NORTH CAROLINA

Abbottsburg, Dowless (95)
Aberdeen (95)
Albemarle (95)
Asheboro (95)
Asheville-Hendersonville (93)
" Josephson (93)
" Owens (93)
Atlantic (97)
Aydelette FM (97)
Ayden (95)
Barco (97)
Beaufort-Morehead City (97)
Balloon #1 (95)
Belmont (93)
Black Mountain (93)
Bladenboro (95)
Bogue (95)
Brevard, H & H (93)
Burgaw (95)
Burlington (95)
" Fairchild (95)
Camp LeJeune T (95)
Camp MacKall (95)
Candor (95)
Carolina Beach (119)
Chadbourn Duke (95)
Chapel Hill, Wms. (95)
" Hogan (95)
Charlotte R (93)
" Cannon (93)
" Delta (95)
" Douglas T (93)
" Plaza (95)
Cherry Point R (95,97)
" MCAS T (95)
Clinton (95)
Coats, Smith's (95)
Concord (95)
" Coley (95)
Creswell (97)
Derita, Brockenbrough (93)
Draper, Tri-City (95)
Durham (95)
" Pharis (95)
Eagle Sprgs, Parkers (95)
Edenton FM, A (97)
Elizabeth City T (97)
" Woodville (97)
Elkin (93)
Enfield (95)
Erwin (95)
Fayetteville (95)
Ft. Bragg, Balloon #1 (95)
" Pope R, T (95)
Franklin (93)
Gastonia, Mun. (93)
" Spindle City (93)
Gibsonville, McLean Brothers (95)
Goldsboro (95)
" Seymour-Johnson (95)
Greensboro R (95)
" High Point T (95)
" Rough (95)
Greenville, Pitt-Greenville (95,97)
Henderson (95)
Hendersonville (93)
Hickory (93)
High Point, Fraley (93)
Hoffman, Camp MacKall AAF (95)
Jacksonville (95,97)
Jonesville, Rendezvous (93)
Julian, Gilmore #1 (95)
Kannapolis (95)
" Carolina Arpk (95)
Kings Mtn. (93)
" Bridges (93)
Kinston (95)
" Smith (95)
Laurinburg, Pine Acres (95)
Lexington (95)
Lillington (95)
Lincolnton (93)
" Burris (93)
Louisburg, Franklin (95)
Lumberton A, H (95)
Maiden, Grigg & Bynum (93)
Manteo FM (97)
" Roanoke Isl (97)
Marion, Francis Marion (93)
Maxton, Laurinburg-Maxton (95)
Mayodan, Mayo (95)
Micaville (93)
Mocksville (95)
Monroe (95)
" Mun. (95)
Mooresville, Harris (95)
Morganton
" Lenoir (93)
" Riverside (93)
Morehead City (95,97)
Mt. Airy (95)
" Colonial (95)
Mt. Holly (93)
Mt. Olive (95)
New Bern FM (95,97)
" Simmons-Knott (95, 97)
New River, Camp Le Jeune T (95)
Newton, Conover (93)
North Wilkesboro (93)
Oak Grove (97)
Oxford, Young (95)
Pinehurst, Knollwood (95)
Plymouth (95,97)
Pollocksville, Oak Grove (95,97)
Pope R, T (95)
Raeford, Upchurch (95)
Raleigh A, R (95)
" C.A.P. (95)
" Raleigh-Durham T (95)
Red Springs, Brooks (95)
Reidsville (95)
" Warf (95)
Roanoke Rapids, Halifax Co. (95)
Rockingham-Hamlet (95)
Rocky Mount (95)
" Avalon (95)
Roxboro (95)
Salisbury (95)
Sanford Lee Co. (95)
Selma (95)
Seymour-Johnson (95)
Shelby, Bridges (93)
" Byers (93)
Silver City, Gilmore (95)
Southern Pines
" Skyline (95)
South Mills FM (97)
Spindale, McDonald (93)
" Rutherford (93)
Stanfield (95)
Statesville (93)
Sylva (93)
Tarboro (95)
Thomasville (95)
" Pauls Arpk (95)
Wadesboro (95)
" W & L Awys (95)
Wallace (95)
Warrenton (95)
Washington, Warren (95,97)
Weeksville R, T (97)
West Jefferson (93)
White Lake, Beach (95)
Whiteville (119)
Wilmington Arpk (119)
" Bluethenthal (119)
" Peiffer (119)
Wilson (95)
Windsor, Spivey (95,97)
Wingate, McLeod (95)
Winston-Salem R (95)
" Smith Reynolds T (95)
Winterville (95,97)
Yanceyville, Caswell (95)
Zebulon (95)

NORTH DAKOTA

Abercrombie (11)
Ashley H, A (11)
Beach (10)
Bismarck A, R (10)
Bottineau (10)
Bowman (10)
Cando (11)
Carrington, Matheny (11)
Crosby (10)
Dawson (11)
Devils Lake (11)
" Bell (11)
Dickinson A, R (10)
" Worth (10)
Driscoll FM (10)
Fargo R (11)
" Hector T (11)
Fessenden, Mohr (11)
Glen Ullin (10)
Golva (10)
Grand Forks A, R (11)
Harvey (11)
Hettinger (10)
Jamestown A, R (11)
Judson FM (10)
Killdeer, Ilo (10)
Langdon (11)
Lisbon (11)
Maddock (11)
Minot R (10)
" Port O'Minot (10)
Mohall (10)
Mott, Wyman (10)
New England (10)
New Rockford (11)
Parshall (10)
" Miller (10)
Pembina R, A (11)
Portal (10)
Rhame (10)
Rolla (11)
Rugby (10)
Selfridge (10)
Towner (10)
Valley City (11)
Wahpeton, School of Science (11)
Washburn (10)
Watford City (10)
West Fargo FM (11)
Wheatland FM (11)
Williston (10)
" Chandler (10)
" Wright (10)

OHIO

Ada (49,51)
Akron A, R (49)
Alliance, Taylorcraft (49)
" Whiteley (49)
Amanda, Wolfords (85)
Archbold A, H (51)
" Short's (51)
Ashland (49)
Ashtabula (49)
Athens, Ohio Univ. (85)
Austintown (49)
Avon Lake FM (49,141)
Barberton, Ling (49)
Bedford (141)
" Ward (141)
Bethel (85)
Bluffton Fly. Svc (49,51)
Bowling Green FM (51)
" Bricker (51)
Brecksville FM (49,141)
Bryan (51)
" Stombaugh (51)
Bucyrus, Port Bucyrus (49)
Cambridge (49)
Canton
" Akron-Canton (49)
" Martin (49)
" McKinley (49)
Chagrin Falls (141)
Chardon (141)
Cherry Fork (85)
Chesapeake, Huntington (85)
Chillicothe, Jones (85)
" Scioto Trail (85)
" Skypark (85)
Cincinnati R (85)
" Campbell (85)
" Cheviot (85)
" Lakewood (85)
" Lunken T (85)
" Mt. Healthy (85)
" Parks Watson (85,141)
Cleveland R, T (49,141)
" Brooklyn (141)
Clinton Co. T, H (51,85)
Coldwater (51)
Columbus R (49)
" Clickenger (49)
" Lockbourne T (49)
" Norton (49)
" Ohio St. Univ. (49)
" Port Columbus T (49)
" Price (49)
" Sullivant Ave. (49)
Conneaut, Lakeville (49)
Continental (51)
Dayton T, R (51)
" Dahio (51)
" South Dayton (51,85)
" Wright T (51)
Defiance, Bryan-Defiance Memorial (51)
E. Liverpool, Swaney (49)
Elyria A, H, FM (49,141)
Fairfield FM (51,85)
" Patterson R, T (51)
Findlay A, H (51)
Fostoria, Snyder (51)
Fremont, Slager (51)
Galion (49)
Gallipolis, Twin Cities (85)
Greenville, Lansdowne (51)
" Treaty City (51)
Grove City (49)
Hamilton (51,85)
Harrison (83,85)
Hayesville H, A (49)

Hicksville,Skinner (51)
Hilliard FM (49)
Hillsboro (85)
Hooker, Port Lancaster (49)
Hudson, Mid City, (141)
Jackson,Bluestate (85)
Kellys Isl., Fenwick (49)
Kent, Kent State (49)
Kenton, Cedar Lawn (51)
Lake Milton (49)
Lancaster (85)
Lebanon,Rightman (51,85)
LeRoy,Westfield (49)
Lewisburg,Midway (51)
Lewistown, Voss (51)
Lima (51)
Lockbourne T (49)
Lodi (49)
Lorain (141)
" Skyport (141)
Loveland FM (85)
Magnolia (49)
Mansfield (49)
" Gage (49)
Marietta (85)
Marion (51)
Mason,Attaway (85)
Massillon,Nobbs (49)
Medina,Prichard (49)
Middletown (51) 85)
Minford,Knore (85)
Montezuma,Lakeview(51)
Mt. Liberty FM (49)
Mt. Orab FM (85)
Mt. Vernon,Wynkoop (49)
Nevada, Cooms (51)
Newark A, FM (49)
New Holland,Tri-Co. (85)
New Parris
" New Westville (51)
New Philadelphia (49)
Newton Falls (49)
North Benton,Miller (49)
Northfield,Sky Haven (141)
North Hamilton (49)
North Kingsville,Stout(49)
North Lima, Calvin (49)
" Elser (49)
" Welsh (49)
North Madison,Tuttle (49)
North Royalton FM(49, 141)
Norwalk (49)
" Arpk (49)
" Parks Arpk (49)
Oxford, Miami Univ. (51,85,85)
Ottawa,Putnam (51)
Pandora,Sky Riders
Patterson R,T (51)
Paulding (51)
Perry H, A (49)
Piqua (51)
Port Clinton,Peninsula (49)
Portsmouth,Raven Rock (85)
Put-In-Bay (49)
Reynoldsburg,Snook(49)
Rushylvania,Port Core (51)
Sandusky,Hinde (49)
Sharonville, Cincinnati (85)
Sidney (51)
Solon (141)
Springfield (51)
" Crabill (51)
Summit Stn FM (49)
Tiffin (51)
Tiltonsville,Scott (49)
Toledo R, T (51)
" Franklin (51)
" Nat'l Aviation (51)
Toronto (49)
Troy,Wacp-Troy (51)
Urbana,Grimes (51)
Van Wert (51)
Vermilion FM, A (49, 141)
Verona FM (51)
Wakeman,Ortner (141)
Wapakoneta
" Port Koneta (51)
Warren,Hall (49)
" Airways (49)
" Port Warren (49)
" Tyndall (49)
Washington Court House
Wash. Arpk (51,85)
Watertown,Reed's (85)
Wauseon,Grieser (51)
Wellington (141)
West Jefferson
" Monipeller (51)
Willard (49)
Willoughby (141)
" Chagrin Harbor (141)
" Euclid Avenue (141)
" Lost Nation (141)
Wilmington
" Clinton Co. T, H (51, 85)
Woodsfield (49)
Woodsworth,Southern Airways (49)
Wooster (49)
Wright T (51)
Youngstown R, T (49)
" Bernard (49)
" Bird (49)
" Watson (49)
Zaleski (85)
Zanesville A, H (49)
" Briggs (49)
" Commerce (49)
" Riverside (49)

OKLAHOMA

Ada (77)
" Community (77)
" Walker (77)
Afton,Monkey Is. (81)
Altus (77)
" Mun. (77)
" Olustee (77)
" Walker (77)
Alva (77)
Anadarko (77)
Antlers (77)
Anthony A, H (77)
Ardmore A, H (77)
" Int. (77)
Arnett (73)
Atoka (77)
Bartlesville (77)
" Phillips T (77)
Beaver (77)
Blackwell (77)
" Marks (77)
Boise City (75)
" Comm #2 (75)
Bristow (77)
Buffalo (77)
Calumet,Bomhoff (79)
Carnegie,Dukes (77)
Cherokee,Jim Ray (77)
Chickasha (79)
" Mariash (79)
Claremore,Rogers (77)
Clinton (77)
" Victory (77)
Cordell (77)
Cushing (77)
Davies-Jolly Aero (77)
Delhi (77)
Dill (77)
Duncan,Halliburton (77)
Durant, Comm. (109)
" Eaker (109)
Edmond, Central (79)
Elk City, Bennett (77)
El Reno (79)
" Mustang (79)
Enid, AAF (77)
" North (77)
" Woodring (77)
Erick,Haddock (77)
Ft. Cobb,Caddo (77)
Ft. Sill, Post T (77)
Frederick (77)
Gage A, R (77)
Grandfield Mun. (77)
" #3 (77)
Great Salt Plains (77)
Guthrie (79)
Guymon (new) (75)
" (old) (75)
Hartshorne (77)
Healdton, Davis (77)
Heavener (81)
Henryetta,Hawk's (77)
Hinton, Kingfish (77)
Hobart (77)
" Hunters (77)
Holdenville (77)
Hollis (77)
Hooker, Gustin (75)
Hugo, Weddington (109)
Idabel (109)
Jefferson,Kittenbrink (77)
Jet, Great Salt Plains(77)
Kingfisher (79)
Lamont, White Bros.(77)
Langston, Univ (79)
Lawton (77)
" Cameron College (77)
Lexington,Purcell (79)
Lone Wolf,Hohmann(77)
McAlester (77)
Mangum,Ponder (77)
Marietta FM (109)
Marlow (79)
Miami (81)
Moore, Wheatley (79)
Moseley,Brown Univ. (81)
Muskogee,Davis (77)
" Hatbox-Muskogee (77)
Mustang FM (77,79)
Newall FM (77,79)
Newkirk,Skypark (79)
Norman,Westheimer (79)
Nowata (77)
Okemah (77)
Oklahoma City R, FM,A (77,79)
" Downtown (79)
" Earthoffner (79)
" Nichols (79)
" Tinker R,T (77,79)
" Tulakes (79)
" Wiley Post (79)
" Will Rogers T (77,79)
Okmulgee (77)
" Com. (77)
Pauls Valley (79)
Pawhuska (77)
Perry (77)
Picher,Jameson (81)
Ponca City A, H (77)
Post T (77)
Poteau (81)
Pryor, Long (77)
Red Fork FM (77)
Sapulpa (77)
Sayre (77)
" Seiling
" Cook's (77)
Seminole (77)
Sentinel, Mem'l (77)
Shawnee Mun. (77)
Skiatook FM (77)
South Coffeyville
" Jensen (77)
Stillwater #1 (77)
" #2 (77)
Stilwell (81)
Stroud (77)
Sulphur (77)
Tahlequah (81)
Thomas,Kell-Air (77)
Tinker R, T (77,79)
Tishomingo (77)
Tonkawa (77)
Tulsa R, T (77)
" Brown T (77)
" Commercial (77)
" Harvey Young (77)
" North (77)
Verdigris River FM (77)
Vici (77)
Vinita, Fallis (77)
" Topper (77)
Walters (77)
Washington FM (77,79)
Watonga (77)
Waynoka
" Kelsey (77)
Weatherford (77)
Wetumka,Boren (77)
Wewoka, Com. (77)
" Mun. (77)
Woodward (77)
" Mun. (77)
Yukon,Cimarron (79)
" Lake View (79)

OREGON

Albany (2)
Alkali Lake (19)
Arlington (2)
Astoria,Clatsop R (2)
Aurora (143)
Baker A, R (3)
Bay Ocean FM (2)
Beaver Marsh (18)
Beaverton,Bernard (143)
Bend (2)
" (new) (2)
Boardman (3)
Brooks,Sky Acres (2)
Burns (19)
" Roe Davis (19)
Cabbage Hill FM (3)
Canby (143)
Cave Junction
" Illinois Valley (18)
Corvallis (2)
Corvallis Jct. (2)
Cottage Grove A, FM (18)
Cow Creek (18)
Creswell, B & H (18)
Dallas (2)
Denmark,Curry Co. (18)
Division Street (143)
Eagle Pt., Blue Star (18)
Enterprise (3)
Eugene R, A (2)
" Mahlon Sweet (2)
" Willamette (2)
Fairview,Skylife (143)
Gold Beach, Leith's (18)
Grants Pass (18)
Gresham,R.O.K. (143)
Harrisburg (2)
Hermiston (3)
Hillsboro (143)
Hood River (2)
Idanha,Santiam Jct. (2)
John Day (3)
Joseph (3)
Klamath Falls A, R (18)
La Grande A,H,FM (3)
Lakeside (18)
Lakeview (18)
Lebanon (2)
Lexington (3)
McNary (2)
Madras (2)
McMinnville (2)
Medford R, T (18)
" Piercy (18)
Milton,Oregon Sky Ranch (3)
Milwaukee,Wells (143)
Monmouth,Adams (2)
Mulino,Green Acres (143)
Myrtle Creek (18)
Newburg,Sportsman (143)
Newport (2)
North Bend (18)
Ontario R (3)
Oregon City,Sky Park(143)
Pendleton R, T (3)
" Airways Inc. (3)
Portland R,T (2,143)
" Dwyer (143)
" Birdsdale (143)
" Troh's Skyport (143)
Prineville (2)
Redmond R (2)
" Roberts (2,
Riddle,Tri-City (18)
Rome (19)
Roseburg (18)
Scappoose,Columbia Co. (143)
Seaside (2)
Silverton, Adams (2)
Sisters (2)
Springfield (2)
Sutherlin,Sky Ranch (18)
" Valley Airways (18)
Sweet Home,Langmack (2)
The Dalles A, R (2)
Tillamook R, T (2)
" Coastway Sch. (2)
Trail FM (18)
Troutdale (143)
Vale (18)
Veronia (2)
Wasco (2)
Willamette FM (2,143)
Woodburn,Barrett-Schuler (143)
Worden
" Tulana (18)

PENNSYLVANIA

Allentown R (47)
" Bethlehem (47)
" Convair (47)
Altoona R (47)
" Stultz (47)
Ambler,Wings T (45)
Andreas, E. Pens. (47)
Annville,Millard (45)
Athens,Chemung Valley (47)
Beaver Falls
" Patterson Heights (49)
Beaver Meadows
" Green Acres (47)
Bedford (47)
Bellefonte (47)
Berwick (47)
" Centre (47)
Bethel,Grimes (47)
Bloomsburg (45,47)
Boothwyn FM (47,89)
Bradford,Harri-Emery (47)
" McKean Co. (47)
Bristol, Kaiser (45)
Brockway (49)
Brookville H, A (49)
Butler-Alameda (49)
" Pittsburgh-Butler(49)
Canadensis,Barrett (47)
Campbelltown
" Reigel (47)
Carbondale,Carbondale-Clifford (47)
Carlisle FM, A (47)
" Centerville (47)
Cecil H, FM (49)
Chambersburg (47)
" Sunset Airways (47)
Charleroi,Star Valley(49)
Chester,Benedict (45)
" Buckman (45)
Clarion,Cramer (49)
Clearfield (47)
Coatesville (45)
Collegeville
" Perkiomen (45)
Conneaut Lake (49)
Connellsville (49)
Conway (49)
Corry,Port Lawrence (49)
Cresson (47)
Daleville (47)
Danielsville,Rockville-Danielsville (47)
Danville (47)
Doylestown (45)
Dubois (49)
Duncansville,Altoona(47)
Easton (47)
" Bethlehem-Easton (47)
Ebensburg,Keystone (47)
Elysburg,Shamokin (47)
Emmaus (47)
Emporium,Slyder's(47,
Erie R (49) 49)
" Erie County (49)
" Port Erie (49)
Fogelsville (47)
Galeton,Cherry Springs (47)
Gettysburg (47)
" Doersom (47)
Gordon (47)
Granville,Cargill (47)
Greater Pittsburgh T (47)
Greensburg
" Pittsburgh-Greensburg (49)
Greenville (49)
Grove City (49)
Hanover,Devener (47)
Harrisburg R (47)
" State T (47)
" Penn-Harris (47)
Harrison City (49)
Hazleton
" Reifenberg (47)
Hershey (47)
Holmesburg FM (45,47)
Honesdale (47)
Hookstown FM (49)
Huntingdon (47)
Indiana,Hamilton (49)
Jersey Shore (47)
Johnstown (49)
Johnsville T (45)
Kearsage,Erie City (49)
Kutztown (47)
Kylertown (47)
Lake Carey FM (47)
Lancaster (45)
" Mun. (45)
Langhorne,Old Star (45)
Lansdale (45)
" Turner (45)
Latrobe (49)
Leechburg (49)
Lehighton (47)
Lewistown (47)
Linesville
" Merry's Pymatuning (49)
Lock Haven
" Cub Haven (47)
Malvern,Paoli-Malvern (45)
Marchand,Braebreeze(49)
Mars, Perry (49)
Martinsburg,Blair (47)
Matamoras (47)
Meadville
" Penn-Mead (49)
" Port Meadville (49)
Mercer (49)
Middletown FM (47)
" Olmsted T (47)
Milton (47)
Mohrsville,Esther (47)
Monongahela,Thompson (49)
Montgomeryville
" Gloster (45)
Morrisville
" Skyhaven (45)
Mt. Jewett (47)
Mt. Pleasant (49)
" Mt. Pleasant-Scottdale (49)
Mt. Pocono (47)
Mt. Union (47)
Muncy,Skyview Acres (47)
Muslin T (45)
Myerstown,
Lebanon Co. (45)
New Alexandria A, FM (49)
New Castle (49)
New Hanover (45)
" Layfield (45)
New Kingston,Taylor(47)
Nicholson-Mt. View (47)
Norristown,Paico(45)
" Valley Forge (45)
North Springfield FM(49)
Oil City, Splane (49)
Olmsted T (47)
Olyphant,Mid Valley(47)
Osceola, Mills (47)
Paoli,Phila. Main Line (45)
Philadelphia,Budd(45)
" Boulevard (45)
" Bustl (45)
" NAAS, Mustin T (45)
" NE Phila. R,T (45,47)
" SW " R,T (45,47,89)
" Somerton (45)
Philipsburg R (47)
" Albert (47)
" Black Moshannon (47)
Phoenixville (45)
Pine Grove,Swatara Valley (47)
Pittcairn,Pitt-Wilkins(49)
Pittsburgh R (49)
" Allegheny T (49)
" Bettis (49)
" E. Pittsburgh (49)
" Greater Pitts. T (49)
" Mayer (49)
Pottstown (45)
Pottsville,Schuylkill (47)
" Stowe-Pottstown (45)
Punxsutawney (49)
Quakertown,Grants(47)
" Arpt. (47)
Reading T (45)
" Berks (45)
" Madeira (45)
Reedsville,Mifflin Co. (47)
Ridgeway,Green (49)
St. Mary's (47)
Salix (49)
Sayre,Blue Swan (47)
Scranton (47)
Selingsgrove (47)
Seven Valleys FM (47)
Sharpsville (49)
Slatington FM (47)
Somerset (49)
State College (47)
Stroudsburg, East Stroudsburg (47)
Summerhill FM (49)
Sunbury A, H (47)
Susquehanna (47)
Tamaqua (47)
Tarentum,Allegheny Valley (49)
Titusville (49)
Towanda (47)
Trexlertown (47)
Tunkhannock,Skyhaven (47)
Tyrone Speedway (45,47)
Utahville (47)
Vandergrift (49)
Wallaceton,Albert (47)
Warren (49)
Waynesburg,Greene (49)
Waynesboro (47)
Wellsboro,Grand Canyon (47)
West Chester (45)
Wilkes-Barre (47)
" Scranton A, R (47)
Willamsport A, R (47)
Willow Grove R, T (45)
Womelsdorf (45)
York, Valley (47)
" Thomasville (47)
Youngsville,Brokenstraw (49)

RHODE ISLAND

Charlestown T (41)
Greene,Riconn (41)
Newport (41)
Providence R (41,43)
" Green T (41,43)
" Mineral Sprgs.(41,43)
Quonset Point R,T(41,43)
Smithfield (41)
Westerly (41)
Woonsocket (41)

SOUTH CAROLINA

Aiken AAF (119)
" Mun. (119)
Allendale,Manning (119)
Anderson A, H (93)
Bamberg,Carlisle (119)
Barnwell (119)
Batesburg,Bradley (119)
Beaufort (119)
" Christenson (119)
Bennettsville, Rowe (95)
Bishopville (119)
Calhoun Falls,Bentley (117)
Camden,Woodward (95,119)
Charleston R, T (119)
" Carolina Skyways (119)
" Clark (119)
" John's Isl. (119)
" Truluck (119)
Cheraw,Lynch Bellinger (95)
Chesnee (93)
Chester, Mun. (93)
" Bratton (93)
Clemson,King. (93)
Clio,Mack Lamar (95)
Columbia R (119)
" Congaree (119)
" Lexington Co. T (119)
" Mun. (119)
Congaree (119)
Conway (119)
Coronaca (93,119)
Darlington,Hartsville (95,119)
Elloree (119)
Estill (119)
Florence A, R (119)
Gaffney,Nesbitt (93)
Georgetown (119)
" County (119)
Greenville A, R (93)
" AAB T (93)
" Paris Mtn. (93)
Greenwood (119)
" Coronaca (119)
Hampton,Hampton-Varnville (119)
Hartsville (119)
Howes Path,Ashley (93)
John's Island (119)
Kershaw (95)
Kingtree, Gamble (119)
Lancaster,Coulbourn(93)
Lane (119)
Laurens,Barksdale (93)
Manning (119)
Myrtle Beach R, T (119)
" Parks (119)
Newberry (119)
North (119)
North Augusta (119)
Orangeburg
" Jennings (119)
Parris Island (119)
Ridgeland (119)
Rock Hill,Roddey (93)
St. Matthews,Donald(119)
Shaw T (119)
Spartanburg R (93)
" Fairforest (93)
" Mun. T (93)
Summerville FM (119)
Sumter (119)
" Shaw T (119)
Timmonsville,Huggins (119)
Trenton (119)
Walterboro (119)
Wampee,Ocean Drive (119)

TENNESSEE

Aberdeen A, R (11)
Arlington,Lake Poinsett (11)
Belle Fourche (10)
Bison,Universal (10)
Britton, Mun. (11)
Brookings (11)
Buffalo,Harding Co.(10)
Carthage (11)
Chamberlain (26)
Custer,Bourassa (25)
Dell Rapids (26)
Edgemont (25)
Elk Point (26)
" Mun. (11)
Eureka (11)
Faulkton,Biedenfelt (11)
Flandreau (11)
Gettisburg (11)
Gregory (26)
Hot Springs (25)
Huron R, A (11)
Lake Preston (11)
Lemmon (10)
Madison (11)
Martin Bennett Co. (26)
Milbank (11)
Miller (11)
Mitchel (26)
" Anderson (26)
Mobridge (10)
Murda (25)
Newell (10)
Oldham (11)
Philip H, A (10)
Pierre A, R (10)
Platte (26)
Presho Mun. (25)
Rapid City R (10)
" Halley (10)
" AAB T (10)
" Geronime (10)
" Rushmore (10)
Redfield (11)
" Doiter (11)
Reliance,Rancher's and Farmer's (26)
" Fletcher (26)
Selby, Rebenberg (10)
Sioux Falls, A, R (26)
Sisseton Mun. (11)
Spearfish,Black Hills (10)
Stevens,Richenbacker(26)
Vermillion (26)
Wagner (26)
Wall (25)
Watertown A, R (11)
Webster (11)
Winner (26)
Yankton (26)

TEXAS

Abion, Morris (91)
Ashland (91)
Athens, Grey (93)
Chattanooga R, T (91)
" Thomas (91)
Churchill (93)
Clarksville,Outlaw (91)
Cleveland,Waterlevel(93)
Clinton,Clinton-Oak Ridge (93)
Dillion (91)
Cookeville (91)
Copperhill,Copperhill-Ducktown (93)
Cowan,Univ. of South(91)
Crossville (91)
Cuba FM (81)
Dandridge,Lakeside (93)
Dyersburg (81)
" Mun. (81)
Fairview FM (91)
Fayetteville,Dicks (91)
" Wilks (91)
Fisherville FM (81)
Franklin,Air Service (91)
Glenmary,Pemberton (93)
Graham (91)
Green Brier FM (91)
Greenfield (91)
Henning,Keith (81)
Hohenwald,Brown (91)
Humboldt (91)
Jacksboro,La Follette(93)
Jacks Creek R, A (91)
Jackson (91)
" McKellar (91)
Johnson City (93)
Kingsport, Pierce (93)
Kingston FM (93)
Knoxville R (93)
" McGhee Tyson (93)
" Island (93)
Lebanon (91)
Lewisburg (91)
Lexington (91)
Loudon (93)
McMinnville,Boyd (91)
Memphis R, T (81)
" Flying Svc. (81)
" Martin (81)
" NAS T (81)
" Wilson (81)
" Wright (81)
Milan (91)
Morristown (93)
Mt. Juliet FM (91)
Mt. Pleasant,Maury (91)
Murfreesboro
" Sky Harbor (91)
" St. Teachers Col. (91)
Nashville R (91)
" Berry T (91)
" Cornelia Fort (91)
" Cumberland (91)
" Smyrna T (91)

Newport,McCoig (93)
Paris (91)
Piedmont FM (93)
Pulaski,Abernathy (91)
Shelbyville, Bomar (91)
Smithville R,A (91)
Smyrna T (91)
Tallassee FM (93)
Tri-City R,T (93)
Tullahoma
" Wm.Northern (91)
Union City Stewart (81)
" Uptown (81)
Walterhill FM (91)
White Pine (93)
Whiteville (81)
Wm. Northern (91)

TEXAS

Abilene R (107,121)
" AAF (107,121)
" Air Term.T (107,121)
" Maher (107,121)
Adrian (79)
Alamo,Kahler (123)
Albany,Taylor (107)
Alice A,R (123)
Alice, #10 (123)
Alpine,Sharp(107,121)
Amarillo A,R,FM(75)
" English T (75)
" Tradewind (79)
Anahuac,Sky Harbor(127)
Anson (107,121)
Aragon #6 (105,121)
Arcola FM (127)
Artie (77)
Arlington,Loma (111)
" Midway (111)
" OLF (111)
" Pulley (111)
Asherton (123)
Atlanta (113)
Austin R (125)
" Aero-Tel (125)
" Bergstrom T (125)
" Hallo (126)
" Robert Mueller T(125)
" St. Edwards (125)
Austwell (123)
Baird (107,121)
Ballinger,Bruce(107,121)
Bandera (125)
" Mayan Ranch (125)
Beaumont A,R (127)
" Jefferson Co. (127)
" Lamar (127)
Beeville,Chase (123)
" Traviand (123)
Belton (126)
Bergstrom T (125)
Bigge T (105)
Big Lake Mun.(107,121)
Big Spring R,T (107,121)
" Hamilton (107,121)
Bonham,Jones (109)
Borger,Hartnagel (75)
Bowie (109)
Brackettville (121)
Brady,Curtis(107,121,125)
" White(107,121,125)
Breckenridge (107)
Brooks T (111)
Brownfield (107)
" Triangle (107)
Brownsville R (123)
" International T (123)
" Mauldin (123)
Brownwood (107)
Bryan AAF (125)
" Coulter (125)
Burnet (107,125)
Cabannis T (123)
Cameron (125)
Camp Hood (125)
Canadian,Hemphill(77)
Canyon,W.Texas St.(75)
Carrizo Springs
" Dimmit Co. (123)
Carthage Air Svc.(109)
Castolon (121)
" Johnson Ranch(121)
Castroville
" Riomedina (109)
Center (113)
Childress R (77)
" AAF (77)
Cibolo Creek FM(111, 125)
Cisco (107)
Clarendon R,A (77)
Clarksville (109)
Claude (75)
Clear Springs #5(111)
Cleburne NW (109)
Cleveland R (113)
Coleman (107,121)
College Station
" Easterwood (125)
Colorado City (107,121)
Comanche (107)
Commerce (109)
Conroe
" Montgomery Co.(127)
Corpus Christi R (123)
" Cabannis T (123)
" Cliff Maus T (123)
" Cuddihy (123)
" NAS R,T (123)
" OLF #10 (123)
" OLF # 11 (123)
" OLF #25 (123)
" OLF #41 (123)
" Rodd T (123)
" Waldron (123)
Corsicana,Mun.(109)
" "75" (109)
Crane Co. (107)
Crosbyton,Paulder(107)
Crystal City (123)
Cuero (125)
Cox AAF (109)
Cypress,Jackson(127)
Dalhart (75)
" Mun. (75)
" #1 (75)
" #2 (75)
Dallas R (109,111)
" Clearview (111)
" Fliers (111)
" Hensley T (111)
" Highland Park (111)
" Hudson (111)
" Lou Foote (111)
" Love T (109,111)
" Marshall's (111)
" Mustang (111)
" Second Ave. (111)
" Skyline (111)
" White Rock (111)
Damon (127)
Decatur (109)
De Kalb (109)
Delaware Springs(105)
Del Rio (121)
" Laughlin (121)
" Val Verde Co.(121)
Denison,Gray (109)
Denton (109)
" Hartlee (109)
Denver City (107)
" Humble (107)
Dimmit,Bobcat (75)
Donna,Woods (123)
Dryden,Airdrome (121)
" Int. (121)
Dublin,Loyd Hines(107)
Dumas (75)
Duncanville H,FM (109, 111)
Eagle Pass (123)
" Mun. (123)
Eastland,Weaver (107)
Eden (107,121,125)
Edinburg,Com. (123)
Edna, Good (125)
El Campo,Hefner (125)
Eldorado (107,121)
Electra (107)
Ellington T (127)
El Paso R (105)
" Anderson T (105)
" Biggs T (105)
Elsa (123)
Ennis (109)
Fairfield,Eagle (109)
Falfurrias (126)
Floydada (107)
Fort Clark (121)
Ft. Hancock (105)
Ft. McKavett,
" C-B Ranch (107,121)
Ft. Stockton,Dyche (107,121)
" Gibbs (107,121)
" Win (107,121)
Fort Worth R,FM (111)
" AAF T (111)
" Hicks (111)
" Meacham T (109,111)
" Midwest (111)
" Russell (111)
" Skyview (111)
" Southworth (111)
" T.C.U. (111)
Fredericksburg
" Gillespie (125)
Freeport,Lake Jackson (127)
Friona,Benger(75)
Gainesville (109)
" Com. (109)
" Whaley (109)
Galveston A,R (127)
Garland,Luscombe(111)
Gaskin (109)
Gatesville,Scott (125)
Georgetown (125)
Gilmer,Holmes(109)
Goldthwaite (107)
Gonzales,Faurie(111)
Goodfellow R (107,121)
Goose Creek
" Humphrey (127)
" Tri-Cities (127)
Gorman (107)
Graham,Rosser-Ranch (107)
Grand Prairie (111)
Gregory FM (123)
Greenville
" Caddo Mills (111)
" Majors (109)
" Rutherford (109)
" S. Sulphur (109)
Groesbeck (125)
Gruver (75)
Guadalupe Pass V,FM (105,121)
Hamilton (109)
Hammond (125)
Handley (111)
Harlingen
" All-Valley (123)
" Mun. (123)
Harpersville A,FM (107)
Hart,Roper (75)
Haslet H,FM (109,111)
Hearne (125)
Henderson (109)
" Rusk Co. (109)
Hensley T (111)
Hereford,Clover (75)
Hillsboro,Byrn's(109)
Hitchcock T (127)
Hondo AAF (125)
Houston R,T,FM(127)
" Ellington (127)
" Erwin-Newman(127)
" Main Street (127)
" Minor Stewart(127)
" Preston (127)
" Sam Houston (127)
" Skyport (127)
" Sportsman (127)
Hudspeth (105)
Hueco Mtn. FM (105)
Huntsville,Houston(127)
Iahoka (107)
Idalou (107)
Iraan (107,121)
Irving (109)
Jacksboro
" Rodeo City (109)
Jacksonville (109)
Joshua FM (109)
Karnack FM (113)
KaufmanWallace #2(111)
Kelly T (125)
Kenedy (123)
Kent (105,121)
Kermit (107,121)
Kerrick (75)
Kerrville (125)
" West End (125)
Kilgore,Elder (109)
Killeen (125)
" Camp Hood (125)
" (new) (125)
Kingsville (N.) (123)
" (S.) (123)
" Int. (123)
" Weisman (123)
Kirbyville,Richter(127)
Knox City (107)
Lamesa (107,121)
" Com. (107,121)
" Hogg (107,121)
Lampasas Co.(107,125)
Laredo A,R (123)
" Benavides (123)
" Chupadera Ranch (123)
Laughlin (121)
Leaday,Miller(107,121)
Levelland (107)
Liberty,Darrell(127)
Littlefield,Duggan(107)
" Winston (107)
LLano Co. (107,125)
Lolita,Walker (123)
Longfellow,Cox(121)
" Yoas Ranch (121)
Longview,E.Side(109)
" Gregg Co.T (109)
Loraine,Lion'sClub (107,121)
Los Fresnos A,FM(123)
Lubbock A,R (107)
" Comm. (107)
" S. Plains AAF(107)
Lufkin (127)
" Angelina Co.(127)
Luling (111)
McAllen (123)
McCamey (107,121)
McKinney (109)
Madisonville Emerg(127)
Magnolia Beach
" Indianola (123)
Marathon (121)
" Blair (121)
Marfa AAF (107,121)
" (new) (105,121)
" (old) (105,121)
" Allison Ranch-(121)
" Aragon (105,121)
" Ryan #3(105,121)
" South #1 (121)
Marlin,Stephens (125)
Marshall (109)
Mason Co. (107,125)
Martindale #4 (111)
Matagorda Isl. Bombing & Gun. Range (123)
Matagorda Peninsula(123)
Memphis Mun. (77)
Central Valley (123)
Mexia (109)
Midland R, A (107,121)
" Com. (107,121)
" #2 (107,121)
" Skyhaven (107,121)
Mineola,Wisener (109)
Mineral Wells (111)
Mission, Moore (123)
" Moore #1 (123)
" Moore #3 (123)
" Shary Mun. (123)
Monahans, Mun. (107,121)
Moore #3 (123)
Morton,Cochran Co. (75)
Mt. Pleasant,Hoffman(109)
Muleshoe (75)
Muenster (109)
Nacogdoches (109)
Navasota R, A (127)
Newark, Eagle Mtn.Lake (111)
New Braunfels, Clear Spring #5 (111)
" Faust (111)
Newman H (105)
Odem A, FM (123)
Odessa,Ector Co. (107, 121)
" West Odessa (107)
Old Ocean (127)
Olney (107)
Orange (127)
" Brown (127)
Orla, Tex-Line (105,121)
Ozona (107,121)
" Kinser Ranch (107,121)
Paducah (107)
Palacios A, R (123)
Palestine (109)
Pampa (77)
" Int. (77)
" AAF (77)
Pandale (121)
Panhandle (75)
Paris, Cox AAF (109)
" Legion (109)
Parker Int. (109,111)
Pawnee (123)
Pearsall (125)
Pecos (107,121)
" Anderson (107,121)
Perrin (109)
Perryton (77)
Phantom Hill FM (107, 121)
Pharr (123)
Plainview,Hale Co. (75)
Port Arthur,Parker (127)
Port Isabel (123)
Portland,Hunt (123)
Port Lavaca, Tanner(123)
Post (107)
Prairie Hill, Waco #5 (109)
Presidio (121)
" Air Strip (121)
Preston (127)
Pyote AAF T (107,121)
Quannah, Comm. (77)
Quitman,McCloud (109)
Randolph R, T (111,125)
Ranger (107)
Rankin (107,121)
Raymondsville,Fox (123)
" Int. (123)
Red Bluff,Hines (105,121)
Refugio,Rooke (123)
Richmond R (127)
Rita Santa (107,121)
Roaring Sprgs, Buzz(107)
Robstown (123)
Rockport,Aransas Co. (123)
Rock Springs, Sherrill (121)
Rodd T (123)
Rosenburg, Lane (127)
Rotan (107)
Ryan #3 (105,121)
Saginaw (111)
Salt Flat R, A (105)
St. Jo (109)
San Angelo T (107,121)
" Goodfellow R (107, 121)
" No. Concho (107,121)
" Sky Harbor (107,121)
San Antonio, Alamo R,T (111,125)
" Bexar Co. (111)
" Brooks T (111)
" Davis (111)
" Hurt (111)
" Kelly R, T (111,125)
" Lake (111)
" Leon Valley (111)
" Martindale #4 (111)
" Mission (111)
" Randolph R,T (111,125)
" Stinson T (111)
" Yates (111)
San Benito (123)
Sanderson Land. Strip (121)
San Marcos R, T (125)
" Thompson (125)
Sayers,Craigg (111)
Schulenburg (125)
Seguin (111)
" #1 (111
Seminole (107,121)
Seymour (107)
Shamrock (77)
Sherman (109)
" Gaskin (109)
" Perrin(109)
Sierra Blanca (105)
Simms (109)
Sinton (123)
" Community (123)
Smithville (125)
Snyder (107,121)
Soncy FM (75)
South Plains T (107)
Spearman (75)
Spur (107)
Stamford (107)
Arledge (107)
Stanton A, FM (107,121)
Stephenville (107,109)
Stinnett (75)
Sulphur Springs FM, A, H (109)
Sweetwater,Avenger (107,121)
Taft-Worsham (123)
Taylor (125)
Teague,Gage (109)
Temple,Draughon-Miller (125)
" Woodson (125)
Terlingua (121)
Terrell, Mun. (111)
" Wallace (111)
Texarkana (113)
Texas City (127)
" Gulf Coast (127)
Texhoma (75)
Texon,Parker (107,121)
Tulia (75)
Turkey (77)
Twitty (77)
Tyler R (109)
" Pounds (109)
" Stewart (109)
Uvalde,Garner (121,125)
Van Horn (105,121)
" Culberson Co. (105, 121)
Velasco, Carter (127)
Vernon (77)
" Arpk (107)
" Victory (77,107)
Victoria
" Aloe #10 (123)
" Foster (123)
" Foster #4 (125)
Waco A, R (109)
" Mun. (109)
" Blackland #1 (125)
" Newland (125)
" Riesel (125)
Waxahachie A, FM (109)
" Ellis Co. (109)
Weatherford A, FM (109, 111)
" Parker Sky Camp (111)
Webster FM (127)
Wellington (77)
Wesaco, Mid-Valley (123)
Westbrook (107,121)
" Spade Ranch (107,121)
Wharton (127)
Wichita Falls R (107)
" Gilchrist (107)
" Holman (107)
" Sheppard/Kell (107)
Wills Point (109)
Wink A, R (107,121)
Winnsboro,Mulinax (109)
Winters (107,121)
Wolfe City (109)
Yoakum A, H (111,125)
" Int. (111,125)
Zuehl #6 (111)

UTAH

Beaver (71)
Bountiful, Sky Haven (22)
Brigham (22)
Bryce Canyon R, A (71)
Cedar City (71)
Corinne FM (22)
Delta A, H (22)
Duchesne (22)
Dugway (22)
Enterprise R, A (71)
Ephraim,Manti-Ephraim (22)
Fairfield A, R (22)
Fillmore (71)
Goulding Trading Post
" Monument Valley (73)
Grantsville (22)
Hanksville R, A (73)
Huntsville FM (22)
Hurricane (71)
Hill T (22)
Knolls (22)
Layton FM (22)
Logan, Hillcrest (22)
" Logan-Cache Co. (22)
Low Flight Strip (22)
Lucin R, A (22)
Midvale (22)
Milford R, A (71)
Mt. Pleasant (22)
Myton (22)
Ogden R, A (22)
" Hill T (22)
" Hinckley T (22)
Price, Carbon Co. (22)
Promontory Pt. (22)
Provo (22)
Richfield (71)
Riverton R (22)
Roosevelt (23)
St. George A, R (71)
" Int. (71)
Salina,Salina-Gunnison (23)
Salt Lake City R (22)
" #1 T (22)
Salt Lake #2 (22)
" Utah Central (22)
Sandy, Alta (22)
Spanish Fork (22)
Timpie FM (22)
Tooele (22)
" Dugway (22)
Tremonton (22)
Vernal (new) (23)
" (old) (23)
Wendover R, T (22)

VERMONT

Barre,Barre-Montpelier (35)
Bennington (35)
Bristol (35)
Burlington R, T (35)
Colchester,Champlain (35)
East Montpelier,Fairmont (35)
Fair Haven (35)
Grand Isle FM (35)
Huntington FM (35)
Lemington,Lemington-Colebrook (39)
Manchester,Equinox (35)
Middlebury (35)
Montpelier R (35)
Newport (35)
Rutland (35)
St. Albans,Point Hill (35)
St. Johnsbury,Brown (39)
Springfield,Hartness (35)
Swanton, Austin (35)
Thetford, Post Mills (35)
Vergennes FM (35)
White River Junction
" Twin State (35)

VIRGINIA

Alberta (95)
Alexandria A, FM(87,89)
" Beacon (89)
" Crossroads (89)
Alta Vista (87)
Annandale,Sprgfield (89)
Arcola R (87,89)
" Pleasant Valley (89)
Bedford (87)
Big Spring Gap
" Powell Valley (93)
Blacksburg, V.P.I. (87)
Blackstone A, R (87)
Bristol, Combs (93)
Brodnax, Pennington (95)
Cape Charles (97)
Charlottesville, Univ. of Virginia (87)
Chatham, Chatham-Gretna (95)
Chester FM (87)
" Midway (87)
Chilhowie FM, A (93)
Chincoteague T, R (89)
Clarksville-Finchley(95)
Clover (95)
Covington-Clifton Forge (87)
Creeds (97)
Culpeper (87)
" Reynolds (87)
Dahlgren NAF T (87)
Danville A, H (95)
Dawn FM (87)
Deep Creek FM (97)
Drivers,Monogram (97)
Eclipse FM (97)
Elkton (87)
Emporia (95,97)
Falls Church (69)
Farmville (87)
Fentress (97)
Franklin (95,97)
Fredericksburg
" Shannon (87)
Front Royal R (87)
" Stokes (87)
Galax (93,95)
Gordonsville A, R (87)
" Int. (87)
Hampton,Peninsula (97)
Harcom (87)
Harrisonburg,Hartman (87)
Hartfield, Hummel (87)
Herndon FM (87,89)
" Blue Ridge (89)
Hopewell (87,97)
Hot Springs, Ingalls (87)
Independence, Cox (93, 95)
Langley R, T (87,97)
Lawrenceville (95)
Leesburg (87)
Lexington (87)
Lively (87)
Luray (87)
Lynchburg R (87)
" Preston Glenn T (87)
" Timberlake (87)
Manassas (89)
Martinsville (95)
" Lester (95)
Melfa (89)
Milford (67)
Montvale, Buford's (89)
Mt. Vernon H, FM (87,89)
Narrows (61)
Norfolk R, T (97)
" Glenrock (97)
" NAS, Chambers (97)
" NAS, East R,T (97)
" Norview (97)
" S. Norfolk (97)
Oceana T (97)
Ononcock,Johnson (89)
Orange Co. (87)
Parksley (89)
Petersburg (87)
" Colonial Heights (87
Portsmouth (97) 97)
" Cumberland (97)
" Roosevelt (97)
Pulaski R, A (61,95)
Pungo (97)
Quantico R, T (87,89)
Radford (87)
Richlands (61)
Richmond R (87)
" Byrd T (87)
" Central (87)
" Hermitage (87)
" Northfield (87)
" Parnell (87)
Roanoke R (87)
" Woodrum T (87)
Shenandoah (87)
Staunton (87)
Suffolk (97)
" Peanut City (97)
Tappahannock (87)
Timberville, New Market Timberville (87)
Virginia Beach (97)
" Thalia (97)
Warrenton,Zieger (87)
Waverly (95,97)
Waynesboro (87)
" Augusta (87)
" Valley (87)
Weems,Currell's (87)
Weirwood,Kellam (89)
West Point (87)
Williamsburg, Scott (97)
" Wm & Mary (97, 87)
Winchester (87)
Windsor, Garner (95,97)

WASHINGTON

Aberdeen, Moon Isl (2)
Almira, "JZ" (3)
Arlington, Aero School (2)
Auburn (143)
Bellevue, Lake (143)
Bellingham (2)
Blaine (2)
Bothell,Kenmore (2)
Bremerton,Kitsap Co(143)
Brewster,Riverview (3)
Burlington,Skagit Valley Air Svc (2)
Camano Island FM (2)
Camas, Groves (143)
Chehalis, Co.-City (2)
Chelan (3)
Cheney, Savage (3)
Clarkston,Asotin Co. (3)
Cle Elum (2)
College Place
" Martin (3)
" Skyranch (3)
Colville (3)
Connell (3)
Coulee City (3)
Coupeville (2)
Davenport (3)
Deer Park (3)
Dungeness FM (2)
Easton FM, A (2)
East Sound,Orcas Is. (2)
Ellensburg R (2)
" Bowers (2)
Enumclaw (143)
Ephrata A, R (3)
Everett A, R (2)
" Paine (2)
Forks (2)
Geiger (3)
Goldendale (2)
Graham, S & S (3)
Harrington FM, A (3)
" Armstrong's Ranch (3)
Huntsville,Tochet Valley (3)
Hobart FM (2)
Ilwaco (2)
Issaquah, Seattle Sky Ranch (143)
Kelso (2)
Kennewick,Twin City (3)
" Vista (3)
Kent (143)
Kittitas, Cameron (2)
Klipsan Beach, Ocean Park (2)
La Center FM (2,143)
La Crosse (3)
Lakeview FM (2,143)
Lind (3)
Longview, Vision (2)
McChord R, T (2,143)
Maflott (3)
Marysville, Marysville Bay Meadows (2)
Mead, Wallace (3)
Metaline Falls, Sullivan Lakes (3)
Montesano, Summit (2)
Moses Lake (3)
Mossyrock (2)
Mt. Vernon, Barker & Dean (2)
" OLF T (2)
Neah Bay R (2)
Newport (3)
North Bend, Snoqualmie Pass (2)
Okanogan-Legion (3)
Olympia (2)
Omak,Okanogan (3)

Opportunity,Lemon (3)
Orchards, Evergreen (143)
Oroville,Scott (3)
Pasco (3)
Paterson, Anderson (3)
Port Angeles CGAS T (2)
" Clallam Co. (2)
Port Orchard, South Port Orchard (143)
Port Townsend,Co-City (2)
Prosser (3)
Pullman-Moscow Regional (3)
Puyallup (143)
" Northern Tacoma (143)
Quillayute (2)
Renton,Boeing-Renton (.43)
Republic,Fairweather (3)
Richland Air Base (3)
Ritzville (3)
Rosalia (3)
San de Fuca, Whidbey Island (2)
Seattle R (2,143)
" Bellevue (143)
" Boeing T (143)
" NAS H. T (2,143)
" Seattle-Tacoma (143)
Shelton,Mason Co. (2)
Silverdale, Apex (143)
Snohomish (2)
Spanaway, Forest Grove (143)
" Acft. Co. (143)
Spokane R (3)
" AAF T (3)
" Calkins Air Term.(3)
" Felts T (3)
" Geiger (3)
" Manito (3)
Sprague (3)
Stevenson FM (2)
Sunnyside (3)
Tacoma (143)
" Arpk (143)
" Barrys Sky Harbor (143)
" City View Arpk (143)
" Lakewood (143)
" McChord R,T (2,143)
Toledo-Winlock (2)
Tonasket (3)
Toppenish (2)
Twisp (2)
Vancouver (143)
" Mun (143)
Vista (3)
Walla Walla R (3)
" AAP (3)
Washougal FM (2,143)
Washtucna (3)
Wenatchee,Fancher (2)
" Pangborn (2)
Westport (2)
Whidbey Island R,H,T (2)
Wilbur (3)
Winthrop,Intercity (2)
" Pasayten (2)
Woodland FM (2,143)
Yakima R (2)
" County T (2)

WEST VIRGINIA

Beckley, Scott (85)
Buckhannon, Lewis (87)
Bunker Hill,Ridgeway (87)
Burlington,Baker (87)
Charleston R (85)
" Bollinger (85)
Clarksburg,Benedum (87)
Elk Garden (87)
Elkins A, R (87)
Glendale (49)
Greenbrier (87)
Hinton (85)
Holidays Cove
" Weirton (49)
Huntington R (85)
Logan (85)
Martinton (87)
Martinsburg A, R (87)
" North End (87)
Moorefield (87)
Morgantown A, R (49,87)
New Cumberland, Herron (49)
Parkersburg,Stewart (85)
" Wood Co. (85)
Paynesville E (85)
Pence Spgs, Hinton Alderson (85)
Petersburg (87)
Princeton (85)
Ravenswood (85)
Romney (87)
Ronceverte,Boone (87)
Spencer,Roane Co. (85)
Sutton (85)
Taplin,McDonald (85)
Terra Alta,Forman (87)
Weston,Louis Bennett (87)
Wheeling-Ohio Co. R(49)
White Sulphur
" Greenbrier (87)
Williamson,Morris (85)
Winfield, Clark (85)

WISCONSIN

Amery (14)
Antigo (15)
Appleton,Outagamie (15, 29)
Arbor-Vitae (15)
Ashland (14)
Baraboo,Bell-Aero (29)
Barron (14)
Beaver Dam (29)
Berlin (15,29)
Black River Falls
" Jackson Co. (14)
Bloomer,Pines (14)
Boscobel (27)
Boulder (15)
Boyceville (14)
Brodhead, Bill's (29)
Camp Douglas, Camp Williams (27,29)
Camp McCoy (27)
Cedarburg,Grob (29)
Chetek (14)
Chippewa Falls (14)
Clintonville (15,29)
Colby-Abbotsford (14,29)
Coloma (15,29)
Cumberland Mun. (14)
Dallas (14)
Darlington, Red Rock (27,29)
DePere,Nicolet (15,29)
Durand,Schlosser (14)
Eagle River (15)
Eau Claire (14)
" (Mun) (14)
" Sky Haven (14)
" Sky Park (14)
Elkhorn (29)
Fifield,Boyd's Mason Lake (14)
Fond du Lac (15,29)
Genessee FM (29)
Grantsburg (14)
Green Bay, Brown Co. (15,29)
Green Lake (15,29)
Hales Corner,Wisconsin Skyways (29)
Hayward (14)
Holcombe (14)
Hudson Fly. Svc (14)
Iron River, Union (14)
Janesville City (29)
" Rock Co (29)
Kenosha A, FM (29)
Kohler (15,29)
La Crosse A, R (27)
" Int (27)
Ladysmith,Rusk Co. (14)
Lake Delton, Wisconsin Dells Lake Delton(29)
Lake Geneva (29)
Lancaster, Fly Svc. (27)
Land O'Lakes, King's Gateway (15)
Lemonweir,Mauston (27,29)
Lone Rock R, A (27,29)
Madison R (29)
" Morey (29)
" Four Lakes (29)
" Truax (29)
Medford,Taylor Co.(14)
Manitowoc (15,29)
Manitowish, Waters Arpt (15)
Marshfield (14,29)
Menomonie (14)
Merrill (15)
Milwaukee R (29)
" Brown Deer (29)
" Curtiss-Wright (29)
" Mitchell T (29)
" Skyhaven (29)
" Maitland (29)
Minong,Hultquist's Sky Ranch (14)
Monroe,Badger (29)
Neenah, Valley Airways (15,29)
Neillsville (14)
New Lisbon,Tucker Fly. Svc (27,29)
New Richmond (14)
Oconto Mun. (15,29)
Omro,Ginnow (15,29)
Oshkosh
" Winnebago Co. (15,29)
Owen (14,29)
Phillips (14)
" Price Lake (14)
Platteville,Platte(27,29)
Plymouth,Sky Village (15,29)
" Chaplin (15,29)
Portage,Mael (29)
Pulaski,Kubiak's (15,29)
Racine,Horlick-Racine (29)
Rhinelander (15)
Rice Lake (14)
River Falls (14)
Rothschild,Wisconsin (15,29)
Sextonville,Richland Fly. Club Int.(27, 29)
Shell Lake (14)
Shullsburg (27,29)
Shawano (15,29)
Siren,Burnett Co. (14)
Sparta,Sparta-Angelo (27)
Spencer (14)
Spooner (14)
Stevens Point (15,29)
Sturgeon Bay
" Cherryland (15,29)
Sturtevant, Air City (29)
Superior, Bong (14)
Thorp (14)
" City (14)
Three Lakes (15)
Tomah (27,29)
Tomohawk (15)
Washington Island (15)
Watertown (29)
Waukesha Co. (29)
Waupaca (15,29)
Wausau, Alexander (15, 29)
West Bend Fly Svc. (29)
Whitewater (29)
Winter,Rainbow (14)
Wisconsin Rapids-Nepco Tri-City (15,29)
Wonewoc,Castle Rock (27,29)

WYOMING

Afton (22)
Basin (7)
Big Piney (22)
Buffalo (7)
Casper R (23)
" AAF T (23)
" Casper Central (23)
" Wardwell (23)
Cheyenne R,T (63)
Cody (7)
Cokesville (22)
Cowley,Cowley-Lovell-Bryon (7)
Douglas A, H (23)
Dull Center,Hoadley(25)
Evanston (22)
" City (22)
Fort Bridger R,A (22)
Gillett Arpk (7)
" Mun. (7)
Greybull (7)
Jackson (22)
Kemmerer (22)
Lander (23)
Laramie A,R (23,63)
" Brees (23,63)
Lingle (25)
Lusk (25)
Meadows FM (63)
Medicine Bow (23,63)
Meeteetse, Mun. (7)
Midwest FM (23)
Moran,Signal Mtn. (22)
New Castle,Mondell(25)
Parkerton FM (23)
Pine Bluffs (63)
Pinedale (23)
Point of Rocks FM (23)
Powell (7)
Rawlins (23,63)
Riverton (23)
Rock Springs Mun. (23)
Saratoga (23,63)
Sheridan R, FM (7)
"Sheridan Co. (7)
Shoshoni (23)
Silver Crown FM (23,63)
Sinclair R, A (23,63)
Sussex (23)
Thermopolis (23)
Torrington (25)
Ucross FM (7)
Wamsutter (23,63)
Wheatland (25)
" East Side (25)
Worland (23)

GCA AVAILABLE: How and Where

GROUND CONTROLLED APPROACH (GCA) AVAILABLE TO CIVIL PILOTS AS WELL AS ARMY AND NAVY: All GCA facilities (Army, Navy, or CAA) are available to any plane in emergency. To secure GCA assistance pilots should call the associated control tower for instructions.

In addition to the working frequencies listed below, Army and Navy GCA emergency VHF transmissions are made on 140.58 mcs. Simplex service on 3117.5 kcs will be provided at all Army and Navy installations to provide an alternate means of communications for scheduled air carrier aircraft. Army and Navy towers will relay GCA instructions on 200-400 kcs band to civil aircraft not equipped to receive VHF or HF.

A minimum of 30 minutes will generally be required to assemble a GCA crew and prepare the equipment for operation AFTER an alert has been received at those locations not providing continuous service.

CAA GCA UNITS

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	
Chicago Arpt, Ill.	350 kcs; 109.5, 126.18 mcs.	3105,4495,6210,3117.5 kcs;126.18,118.1,118.7, 122.5 mcs.	Continuous.
LaGuardia Fld, N.Y.	209,362 kcs;118.1 118.7,121.9,126.1 mcs.Emerg:118.3 118.5,118.9,116.1 140.58 mcs.	3105,6210,3117.5 kcs; 118.7 mcs.Emerg: 140.58 mcs.	Oper cont.Avail. for emerg. use 24 hrs. daily.
Washington Nat.Arpt,D.C	322,278 kcs;118.1 118.5,126.18 mcs Emerg:140.58 mc	3106,3117.5,4495,6210 kcs;118.1,118.5,122.5, 126.18 mcs.Emerg:(30-min.Notice)-140.58 mcs.	Oper cont.Avail. for emerg. use 24 hrs. daily.

NAVY GCA UNITS

LOCATION	FREQUENCIES		REMARKS (Weather minimums;hrs. of oper)
	Transmitting	Receiving	
Atlantic City NAS,N.J.	*,275 kcs.	+	200',1/4 mi.30-min.not.
Cherry Point MCAS,N.C.	*	+	300',1/2 mi.30-min.not.
Corpus Christi NAS,Texas	',248 kc;126.18, 128.7,142.74 mc.	+,126.18,128.7, 142.74 mcs.	100',1/2 mi.30-min.not.
El Toro MCAS, Calif.	*	+	30-min.notice.
Jacksonville NAS (Lee Fld), Fla.	*,323 kcs.	+	200',1/2 mi.15-min.not.
Miramar NAAS,Calif.	*,239 kcs.	+	200',3/4 mi.30-min.not.
Moffett Fld NAS, Calif.	*,323 kcs.	+	100',1/2 mi.Continuous.
New York NAS (Floyd Bennett), N.Y.	*,388 kcs.	+	100',1/4 mi.30-min.not.
Norfolk NAS, Va.	*,323 kcs.	+	200',1/2 mi.30-min.not.
Oakland Arpt,Calif.	*,278 kcs.	+	100',1/4 mi.30-min.not.
Olathe NAS, Kans.	*	+	100',1/4 mi.30-min.not.
Patuxent River NAS,Md.	*,347 kcs.	+	100',1/4 mi.Continuous.
Quonset Point NAS, R.I.	*	+	100',1/4 mi.30-min.not.
Saufley Fld NAAS, Fla.	*,275 kcs.	+	100',1/4 mi.30-min.not.
Seattle NAS, Wash.	*,230 kcs.	+	100',1/2 mi.30-min.not.
Squantum NAS, Mass.	*,323 kcs.	+	200',1/2 mi.30-min.not.
Whidbey Island NAS,Wash.	*,278 kcs.	+	100',1/4 mi.30-min.not.

' Standard freqs = 3475,4890,6640 kcs; 134.64,142.02,143.64 mcs.
* = Standard, 3117.5 kcs, 140.58 mcs, & HF from 2000 to 18100 kcs.
+ = Standard, 3117.5 kcs,140.58 mcs, & HF from 1500 to 9050 kcs.

N.B. Pilots desirous of making practice GCA approaches should make their own arrangements with the tower concerned.

ARMY GCA UNITS

LOCATION	FREQUENCIES		REMARKS
	Transmitting	Receiving	(Hrs. of operation,etc.)
Andrews Fld, Md.	HF,VHF	HF,VHF,1500-18000 kcs.	Cont.during IFR;0900-1700 daily,or on 30-min.notice.
Barksdale Fld, La.	HF,VHF	VHF;4495,6210, 3117.5 kcs.	Cont.during IFR;0800-1700 Mon-Fri,or 40-min.not.
Biggs Fld, Tex.			Opers for training CFR daylgt hrs. Mon-Fri.
Clinton Co.AAF,Ohio	HF,VHF	VHF; 1500-18000 kcs.	Cont.during IFR;0800-2200 CFR,or 30-min.notice.
Dow Fld, Maine			Opers for training CFR daylgt hrs. Mon-Fri.
Eglin Fld, Fla.			Opers for training CFR daylgt hrs. Mon-Fri.
Fairfield-Suisun AAF,Cal.	HF,VHF minus channel A.	380,3117.5 kcs. VHF minus channel A,1500-18000 kcs on req.	Cont.during IFR;0900-2100 Mon-Fri,or 30-min.not.
Ft. Worth AAF,Tex.	3475,4890,6640; channels C,D	4495,6210 kcs; channels C,D	Opers for training 0700-1530 Mon-Fri.
Grenier Fld, N.H.	3475,4890,6640 kcs; channel A. Emerg:3105,4495 6210,4765 kcs.	Channels A, C G, H; 1500-18000 kcs on req.	Opers 0730-1200,1300-1630,1730-2100 for training.
Langley Fld,Va.	HF,VHF	VHF;3105,4495, 6210,3117.5 kcs.	Cont.during IFR;0800-1630 CFR,or 40-min.notice.
Lowry Fld, Colo.			Opers for training CFR daylgt hrs. Mon-Fri.
MacDill Fld, Fla.	3475,4890,6640 kcs;VHF	VHF;on req,1500-18000 kcs.	Opers 0800-1600 Mon-Fri for training.
March Fld, Calif.			Opers for training CFR daylgt hrs. Mon-Fri.
Maxwell Fld, Ala.	VHF;3475,4890, 6640 kcs.	VHF;4495 kcs.	Opers for train.0700-1600 Mon-Fri,or on 40-min. not.in extreme emerg.
McChord Fld, Wash.	HF,VHF minus channel A;4495, 6210 kcs.	VHF minus chan-nelA,190-400 & 1500-18000 kcs.	Opers 0900-2100 daily for training.
Mitchel Fld, N.Y.	HF,VHF	VHF,3105,4495, 3117.5,4765 kcs.	Cont.during IFR;0900-1130 & 1300-1630 CFR;40-min. notice other times.
Patterson Fld, Ohio	HF,VHF minus channel A.	VHF minus chan. A;3105,4495,6210 1500-18000 kcs.	Opers 1200-2400 for training.
Selfridge Fld, Mich.			Opers for training CFR daylgt hrs. Mon-Fri.
Shaw Fld, S.C.	3475,4890,6640; channels C,D	3105,4495,6210; channels C,D	Opers for train.0900-1145 & 1300-1630 Mon.-Fri.
Smoky Hill AAF, Kans.	3475,4890,6640; channels B,C,D,H	3475,4890,6640; channels B,C,D,H	Opers for train.0700-1300 & 1300-1600 Mon-Fri.Sat: 0700-1200.
Tinker Fld, Okla.	3475,4890,6640; channels C,D,G,H	4495,6210 kcs; channels C,D,G,H	Opers for training.
Westover Fld, Mass.	HF,VHF	HF,VHF;200-400 & 1500-18000 kcs	Cont.during IFR; 30-min. notice other times.

HF = 3475,4890,6640 kcs. Emerg. airline freq: 3117.5 kcs.
VHF = (Channel A) 116.1,(B) 126.18,(C)137.88,(D)140.58,(G) 137.70,(H) 134.10
N.B. Army Weather Minimums: For clearance purposes minimums established in TO-00-35-3 or AAF Regulations 60-16 apply.

AIR NAVIGATION RADIO AID LEGEND

(3) - Station guards 3105, 4495, 6210 kcs
(4) - Station guards 3105, 4495, 6210, 3117.5 kcs.

(7-24) - Hours of operation (7 A M. to midnight) on a 24-hour clock basis
→ - New or revised data*

RADIO CLASS DESIGNATIONS

AC.....Approach Control Tower, CAA
B.....Scheduled Broadcast Station (broadcasts weather reports at 15 and 45 minutes after the hour unless otherwise cited)
C.....Control Tower, CAA
CA.....Control Tower, Army
CI.....Control Tower (City,County,Private, etc.)
CN.....Control Tower, Navy
D.....Distantly controlled
FM.....VHF fan type marker (100 watts)
FMHW.....Non-directional radio beacon when combined with fan marker.
GCA.....Ground control approach system
H.....Non-directional radio-beacon (homing), power 50 watts or more
ILS.....Instrument Landing System (voice on localizer channel)
IM.....VHF boundary marker
LFM.....VHF fan type marker, low powered (5 watts not over 10 miles from range)
LOR.....Low frequency omni-directional range
MH.....Non-directional radio-beacon (homing), power less than 50 watts
ML.....Range (loop radiators), power less than 50 watts
MM.....VHF middle m-
MMK.....Compass locator station when combined with middle marker of Instrument Landing System
MRA.....Range (adcock, vertical radiators), power more than 50 less than 150 watts
MRL.....Range (loop radiators), power more than 50 less than 150 watts
OM.....VHF outer marker
OMK.....Compass locator when installed at outer marker site or within
P.....Point to point radio } 5.5 miles of middle marker
RA.....Range (adcock, vertical radiators), power 150 watts or more
RL.....Range (loop radiators), power 150 watts or more
S.....Simultaneous (range signals and voice) type of transmitter
T.....Teletype
TX.....Principal teletype
V.....Additional voice feature on VHF
VAR.....Visual-aural VHF range (every VAR has simultaneous
VOR.....VHF omni-directional range } voice feature)
W.....Without voice facilities
Z.....VHF station location marker at a range station

N.B. Variation is computed at the station. The distance from station to field is computed from the center of the range station to the nearest edge of the usable area of the airport. The bearing is that from the range station to airport or fan marker.

RADIOTELEGRAPH CODE

A-ABLE •–	E-EASY •	I-ITEM ••	M-MIKE ––	Q-QUEEN ––•–	U-UNCLE ••–	Y-YOKE –•––
B-BAKER –•••	F-FOX ••–•	J-JIG •–––	N-NAN –•	R-ROGER •–•	V-VICTOR •••–	Z-ZEBRA ––••
C-CHARLIE –•–•	G-GEORGE ––•	K-KING –•–	O-OBOE –––	S-SUGAR •••	W-WILLIAM •––	
D-DOG –••	H-HOW ••••	L-LOVE •–••	P-PETER •––•	T-TARE –	X-XRAY –••–	

1 •–––––	3 •••––	5 •••••	7 ––•••	9 ––––••
2 ••–––	4 ••••–	6 –••••	8 –––••	0 –––––

AIRWAY RADIO COMMUNICATIONS

GENERAL

All radio range stations (class RA, RL, MRA, MRL, ML) emit directional signals (type A2 emission) 1020 cycles per second modulation.

All radiobeacon stations (class H and MH) emit non-directional signals (type A2 emission) 1020 cycles per second modulation. Unless otherwise noted, all stations, other than class MH, operate continuously within their assigned hours of service except during interruptions for voice transmission on the same frequencies where simultaneous transmission is not available and during shutdowns for maintenance purposes. Class MH stations operate on request unless otherwise cited. The effective range of an MH facility is ordinarily 25 miles.

Compass locators are low-powered non-directional facilities operating in the 200-415 kc. band. They are installed near airports to make it easier for pilots to make instrument approaches. When holding is required, they also help the pilot follow a more precise holding pattern. Compass locators, however, should not be depended upon as long range navigational aids since they are rarely useful at distances of over 15 or 20 miles. These are now shown as "MHW" facilities.

Voice communications facilities are available unless "W" (without voice) is included in the classification. Examples: SMRAW, MRLW, HW, HWT. Transmission of voice on a frequency other than the range frequency is indicated as MRLW-V. When no "W" is included in station class, the "V" indicates voice feature on two frequencies, namely, range frequency, and generally, VHF of 116.1 and/or 111.1 mcs. 116.1 mcs. is used for transmission to Army aircraft, 111.1 mcs. to civil aircraft.

The classification designation "B" denotes that the station broadcasts meteorological and notice to airmen information on a scheduled basis at 15 & 45 minutes past each hour unless otherwise cited.

All Civil Aeronautics Administration stations equipped for voice communications with aircraft stand continuous listening watches on the frequencies of 3105, 4495, and 6210 kcs., unless otherwise cited.

* AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW RADIO FACILITIES, BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW RADIO FACILITIES TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP.

N.B. For Digest of A.T.C. and Communications Procedures, see *FLIGHT INFORMATION MANUAL*

AIRPORT DATA
LEGEND

(Where city and airport names are identical, the airport name is omitted in the interest of space-conservation)

Airport name (A) - Owned or leased totally by Army
" (N) - " Navy
" (CG) - " Coast Guard
" (NG) - " National Guard
(A) " - Open to civilians but owned or leased wholly or in part by Army, Air Reserve, Army svcg. detach. or contract gas usually available.
(N) " - Open to civilians but owned or leased wholly or in part by Navy.
(CG) " - " Coast Guard.
(NG) " - " WD or State Govt. for Air Nat'l Guard. Lid svcg. and main. for transient military acft.
(P) " - Civil airport opened to military acft. (See ★ " - CAA Intermediate Field Note 3)

CLASS — SIZE

40: Length of longest landing strip (unpaved) in hundreds of feet
40h: Length of longest hard-surfaced runway in hundreds of feet (Seaplane landing areas over 5 miles in length are classified as unlimited and indicated as "unl").

N.B. Only the length of the longest runway is cited, and its direction is not indicated. Space restrictions occasioned this policy, but logic justified it. The logical assumption may be made that runways have been laid out in accordance with the local wind rose. Therefore, in all calms, or gentle-angling winds, or winds aligned with the longest runway, the longest runway will be used. When a wind not aligned with the longest runway is of such intensity that the longest runway cannot be used, this wind makes the use of runway aligned with the wind, even though much shorter than the longest runway, sufficiently long from a safety viewpoint. Too, prior knowledge that there is, for example, a NW/SE runway is of little value to a pilot if, when he arrives over the field the wind is blowing too strongly from another direction to use that runway. Finally, the larger the number indicating the longest runway length, the greater is the assurance of a sufficient number of runways for all-wind coverage.

RADIO

R1: Voice availability via tower, range (or homing device), or voice station
R2: Range (or homing device) and tower
R3: Range (or homing device), tower, and instrument landing system

LIGHTS

L: Incomplete lighting, either flood or portable runway lights
L1: Beacon only
L2: Beacon and boundary
L3: Beacon, boundary, and obstruction
L4: Beacon, boundary, obstruction, and flood
L5: Beacon, boundary, obstruction, flood, and runway contact
(L5): Identical to L5 except that runway contact lights are high intensity
L6: Beacon, boundary, obstruction, flood, runway contact, and instrument approach
(L6): Identical to L6 except that instrument approach lights are high intensity

(The class always indicates the highest element available but does not necessarily include all intermediate elements)

SERVICING

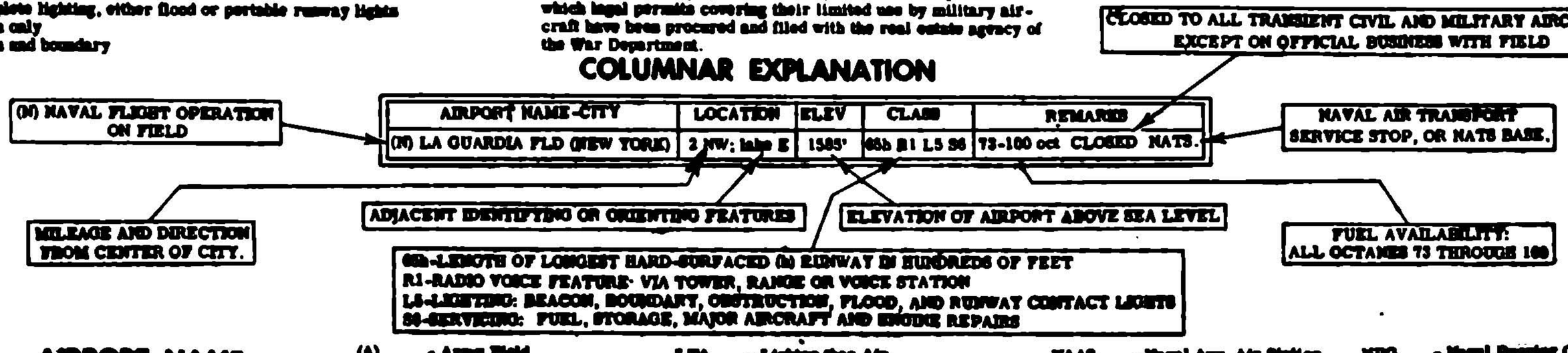
S1: Fuel
S2: Fuel, storage
S3: Fuel, storage, minor aircraft repairs
S4: Fuel, storage, minor aircraft, and minor engine repairs
S5: Fuel, storage, major aircraft, and minor engine repairs
S6: Fuel, storage, major aircraft, and major engine repairs

N.B. Very often small civilian fields (particularly in non-metropolitan areas) will have no full-time attendant. Frequently, servicing at such fields is isolated communities is available only by circling the town to attract the operator's attention.
These fields are often recognizable by airport class, comparable to, for example, "1S S1". "1S S1" suggests that the field is not too large, and that the field may not have a full-time attendant even though fuel is stored there. Lack of radio or lighting facilities, indicated by the absence of an "R" or "L" in the airport class, is a further indication that a full-time attendant may not be available. Absence of an "S" (servicing) indicates definitely that fuel, if available at all, is available only by truck from town. Any field carrying no indication of radio (R), lights (L), or servicing (S) in airport class column should be used with caution, especially a field of the small category. Fields of this nature may be inactive or not maintained, and thus dangerous for use.

NOTES

1. "(NC)" not charted. Indicates not charted because of insufficient data or inability to verify
2. → New or revised data. ★
3. "(P)" in CITY-AIRPORT NAME column indicates: (1) those municipal airports improved with public funds and covered by an agreement between the municipality and the U.S. Government permitting government planes to use such fields in common with others and without charge, to the extent possible without restriction of non-military operations or (2) other civil airports for which legal permits covering their limited use by military aircraft have been procured and filed with the real estate agency of the War Department.
4. "Effingham Int., 10, L5-ED" in CITY-AIRPORT NAME column indicates that the airport is Effingham CAA Intermediate Field, Site 10, on the St. Louis-Indianapolis Airway. Municipal airports where the lights are maintained by the CAA are listed similarly except that there is no prefixed star or "Int.".
5. In Location column, the word "miles" has been eliminated because of space limitations. Mileage is that from the center of city to airport.
6. In Remarks column:
   (a) "91 oct.", indicates fuel octanes available. "Army", or "Navy" following octane indicates Army or Navy contract fuel available.
   (b) "CLOSED" indicates closed to all civil aircraft and all transient military aircraft except on official business this station or in emergency.
   (c) "Port. B-2 lights" indicates cone-mounted lights outlining runways. These lights are portable and may be shifted from runway to runway.
   (d) "TEMP INACTIVE. NO FACS." indicates AAF airfields used either exclusively by the AAF or municipal airfields used jointly by the AAF and civil interests at which both the Army and the civil interests are inactive. Such airfields will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned (See Special Notice).
   (e) "ARMY TEMP INACTIVE. CIVIL FACS." indicates municipal airfields used jointly by the AAF and civil interests at which the Army facilities are inactive but civil facilities are available. Such fields may be used by military aircraft, however, only commercial service is available.
   (f) "PRIVATE" indicates field is available for owner only, and not to be used by others except in emergency. Only those private fields that are clearly identifiable from the air as airports are listed. Thus many personal use fields are not covered in the Guide because they are not marked or are too small.
   (g) OBSTRUCTIONS: Because of space limitations only the more dangerous obstructions are indicated. Natural obstructions, like trees, clearly discernible for contact operations, are frequently omitted, for example. On the other hand, all pole lines within at least a 15-1 glide angle are indicated.
   (h) "Fld lgts on prior req." indicates field lights are available only by previous phone call, telegram, or letter. It must be remembered that most fields do not have 24-hour operation. Accordingly the field lights, indicated for such a lighted field (and, in some instances, even the rotating beacons) are available only by prior request. When an airport classification indicates a lighted field, and there is no notation in the REMARKS column, the field lights burn all night or will be turned on when a radio request is made or a plane circles the field.
   (i) "FEE" indicates landing fee for private aircraft.
7. Airline stop airport names are capitalized or bracketed.

COLUMNAR EXPLANATION



AIRPORT NAME ABBREVIATIONS

(A) - Army Field
AAB - Army Air Base
AAF - Army Air Field
CGAS - Coast Guard Air Station
LTA - Lighter than Air
MCAS - Marine Corps Air Station
MCAAF - Marine Corps Aux. Air Facility
(N) - Navy Field
NAAS - Naval Aux. Air Station
NAF - Naval Air Facility
NAS - Naval Air Station
(NG) - National Guard
NPG - Naval Proving Grounds
OLF - Outlying Field (Navy)

★ AT THE BOTTOM OF THE LAST COLUMN, UNDER THE HEADING OF NEW AIRPORTS BORDERED BY TINTED LINE WILL BE FOUND, OUT OF ALPHABETICAL ALIGNMENT, ALL THE NEW AIRPORTS TABULATED AFTER THE TYPE FOR THAT PAGE HAD BEEN ORIGINALLY SET UP

FLIGHT PLANNING CHARTS

AUGUST 5, 1947

LEGEND

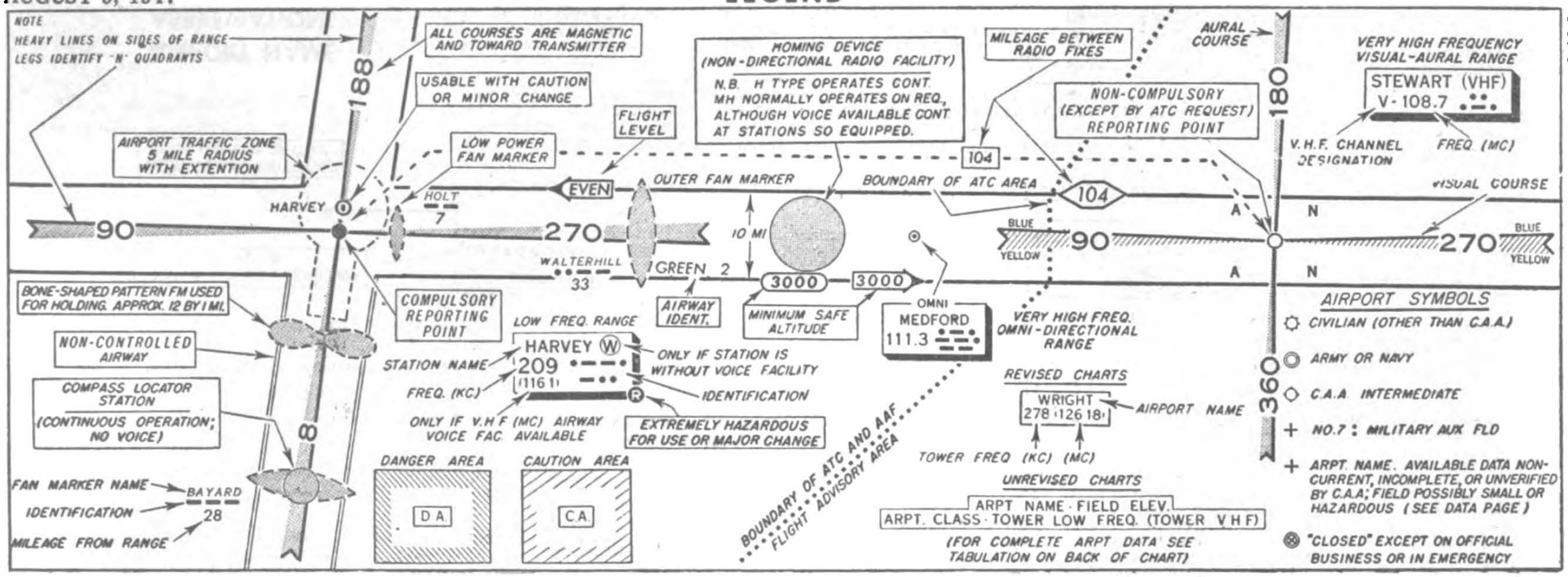


CHART CONTENTS

The Flight Planning Charts, in addition to the warning (R) and caution (O) symbols, indicate: (1) all aeronautical radio facilities except air carrier stations; (2) all minimum safe altitudes and fix mileages; (3) all Army and Navy fields and CAA intermediate fields, and all active civilian airports; (4) all danger and caution areas; (5) all designated airways These charts indicate all facilities, and the current status thereof, on record with the CAA as of 0001 E.S.T. each alternate Tuesday.

CHART PURPOSE AND USE

The primary purpose of these charts is to facilitate the planning and execution of cross-country flights. The user should check the charts for the symboled (R) or (O) items between his point of departure and his destination. If there is none, there is no necessity for him to read the Notices to Airmen section as far as temporary items are concerned. As for permanent changes - all major ones, such as new fields, abandoned fields, range freqnency changes, etc., are currently reflected on the charts. For record-keeping purposes and for the correction of charts and publications, however, the Notices to Airmen section should be carefully read.

VHF CHANNEL LETTER DESIGNATORS

Channel letter designators are being shown on the Flight Planning Charts herein only as an aid to pilots in their use of unmodified military equipment. It is emphasized that not all very-high frequencies now in use have channel letter designators. Standardization of air-borne equipment in this respect has not been effected, nor is it expected to be along the lines of one-letter designators because of the large number of frequencies which eventually will be in use.

CHART HAZARD SYMBOLS

The current status of facilities and hazards as reported to the CAA is indicated by the symbol system. An airport closed because of construction, an inoperative range, a revised range quadrant identification or range frequency, or course realignment of 20° or more, for example, are indicated by the symbol (R) for red, or warning. An airport under construction but usable, or an inoperative control tower, on the other hand, is indicated by the symbol (O) for orange, or caution.

RANGE COURSE LENGTHS

In general, the length of radio range courses shown herein indicates the approximate location where it is expected that a pilot will tune from one radio range to the next one along his route of flight. Such change-over points, however, are not mandatory, and it is expected that a pilot will use his best judgment in selecting change-over points that will best serve his needs.

WARNING

Radio range courses are subject to disturbances that result in multiple courses, and signal fades and surges over rough country. Pilots flying over unfamiliar routes are cautioned to be on the alert to detect these vagaries, particularly over mountainous terrain.

Loop ranges (such as ML, RL, MRL without simultaneous feature) are not suitable for DF and ADF operations. DF or ADF use should be restricted to simultaneous type of range stations, H stations, and commercial broadcast stations.

SEATTLE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Adams (Silverton, Ore)	1.2 NW;RR E	267	33 S4	80 oct.
Albany (Ore)	2.5 NE;RR NW	235	26 S6	80 oct. P-line SW;trees S,SW
*Arlington Int,12B,PD-SM (Ore)	1.4 ENE;riv NW	872	50 L3	
(N) Arlington Aero. School (Wash)	3 SW;hwy W	129	53h L5 S6	80,91 oct Rnwy lgts prior req
ASTORIA Range (Ore)(Clatsop)	323 (AST)	99°,6.9	MRLZ	3105,6210 by pre-arrangement & oper 7-17
Barker & Dean (Mt.Vernon,Wash)	2.2 S;RR,riv W	4	20 S4	73,80 oct Trees NW.
BELLINGHAM Range (Wash)	209 (IJ)(116.1)	114°,2.9	SBRAZ-DTV	(4); 116.1
(P) [Bellingham] (Wash)	4.5 NW;hwy E	158	50h L5 S6	80,91 oct ARPT OF ENTRY
Bend (Ore) (NC)	7.8 N	3350	44	Use in emerg
Bend (Ore) (new)	5.5 ENE;hwy S	3429	40 S6	80,91 oct Pwrline SE. Use
Blaine (Wash)	0.5 E;RR W	15	15 S1	80 oct P-line SSE strips Ctn when wet
(P) Bowers (Ellensburg, Wash)	2.5 NE;hwy S	1767	59h L5 S6	80,91 oct Ctc lgts prior req
Cameron (Kittitas, Wash)	0.5 N;RR S	1650	26	
(P) Chehalis Co.-City (Wash)	0.6 NW;RR E	174	50h S6	80 oct.
Clallam Co.(Port Angeles,Wash)	3.2 WNW	290	52h S6	80 oct.
(P) Clatsop (Astoria, Ore)	3 SW;riv E	9	58h L5 S6	80-100 oct. FEE for lgts. Lgts
Cle Elum (Wash)	2.4 E;hwy S	1930	25 S4	80 oct. on req
Coastway Sch. of Aero. (Tillamook	1.4 E	55	29 S6	80 oct. Ctn when wet. (Ore)
(P) Corvallis (Ore)	4.9 SSW;RR E	235	52h S6	80,91 oct.
Corvallis Junction (Ore)	1.3 NNE;RR W	240	20 S6	80 oct.
County-City (Port Townsend,Wash)	5 SSW;hwy ESE	110	33 S6	80,91 oct. P-line WNW;trees ESE. ARPT OF ENTRY
(N) Coupeville OLF (Wash) (N)	2 SE	193	54h	CLOSED.
Dallas (Ore)	1.2 N;RR S	372	23 S2	80 oct. ENE,WSW blkd.
*Easton Int,5B,SA-HL (Wash)	1.7 NNW;RR SW	2221	30 L2	Trees,mtns WNW.
ELLENSBURG Range (Wash)	385(EB)(vhf)	270°,2.0	SBMRAZ-DTV	(4); 116.1,122.1 (Bowers)
Elma (Wash)	0.8 S;rd W;riv S	60	26	P-line W
➔EUGENE Range (Ore)(Mahlon Sweet)	251(EU)(vhf)	150°,4.5	SBRAZ-DTV	(4); 116.1,122.1 (ILS)
Eugene Airpark (Ore)	1.6 SW;rd W	420	28 S6	80,91 oct. Trees NNW.
EVERETT Range (Wash)(Paine)	224(MI)(vhf)	330°,3.1	BMRLZ-DTV	(4); 116.1, 122.1
Everett (Wash)	3.5 NNE;riv N	15	21 S2	80 oct. P-line W. Ctn winter
(P) Fancher (Wenatchee,Wash)	2.5 NE;hwy S	1440	33h L5 S6	80,91 oct. Fld lgts prior req.
Forks (Wash) (NC)	1 SW;rd S	286	23 S1	80 oct. Trees P-line SE ENE,WSW. HAZARDOUS.
Goldendale (Wash) (NC)	0.6 SE;RR W	1600	20	P-line E,SE. Ditch ctr. HAZ-
Harrisburg (Ore)	2 NNE;RR E,W	300	25 S1	80 oct. ARDOUS.
Hood River (Ore)	2.5 S;riv E	605	19 S1	80 oct. Soft when wet. Brush E
Ilwaco (Wash)	1.5 ENE;bay S	8	20 S2	80 oct.
Intercity,USFS (Winthrop,Wash)	4 SSE;riv SW	1650	32 S1	80,91 oct. Mtns SE.
Kelso,61A,SF-SA (Wash)	1.4 S;RR SW	35	29 L3 S6	80 oct.
Kenmore (Bothell, Wash.) (NC)	2.3 NW;rd E	420	17	12-14' brush NNE,SSW.
Langmack (Sweet Home, Ore)	2 E;RR N	550	32 S2	80 oct. E blkd. Trees W.
Lebanon (Ore)	1.3 SW;RR E	340	36 S6	80 oct.
(P) Madras (Ore)	2 NNW;RR SE	2420	74h	
[Mahlon Sweet] (Eugene, Ore)	8 NW;RR NE	365	52h L6	
Marysville Bay Meadows Arpk. (Marysville, Wash)	2 N;rd W	60	13	Very dangerous appchs.
(N) Mason Co. (Wash)	2.5 NW;hwy ENE	278	52h L S6	Twr NW. No Navy facs. Lgts
➔McCHORD Army Range (Wash)	272 (DTA)	26°, 1.7	BMRLZ	(Tacoma) prior req.
McMinnville (Ore)	3.1 ESE;hwy N	156	50h S6	80 oct. Trees SW.
(P) [McNary] (Salem, Ore)	2.2 SSE;RR SW	207	55h L5 S6	80,91 oct.
(P) [Moon Island] (Aberdeen,Wash)	6 W;harb N,S	14	50h L5 S6	80,91 oct.
Mossyrock (Wash)	1 W; hwy SW	613	19 S1	80,91 oct.
MT. VERNON OLF Tower (Wash)	3295(126.18,142.74)		CN	3105,4495;126.18,142.74 (24 hrs.adv notice only)
(N) Mt. Vernon OLF (Wash) (N)	5 NW;RR S	146	53h	P-line N. CLOSED
NEAH BAY Range (Wash)	362 (KQ)		SRAWZ	
(P) Newport (Ore)	4 S;ocean W	160	51h L5 S4	80 oct. Lgts on req.
Ocean Park Sky Port (Wash)	0.5 S;hwy W	10	21	P-line S. (Klipsan Beach)
Olympia (Wash)	4.5 S;hwy E	190	50h S4	80 oct. Trees W.
Orcas Island (East Sound,Wash)	0.7 N;hwy E	25	24 S2	80,91 oct.
(P) Paine (Everett, Wash)	6.5 SW;hwy NE	602	65h L5 S6	80 oct. Fld lgts prior req.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
[Pangborn] (Wenatchee, Wash)	5.3 ESE;hwy S	1246	46h L5	Ctc lgts prior req. Mtns N,E
Pasayten,USFS (Winthrop,Wash)	38 NW;riv E	4250	28	Use in emerg only. Clsd to
PORT ANGELES CGAS Twr. (Wash)	3295 (142.74)		CN	3105,4495; public (NC) 142.74 (8-1630)
(CG) Port Angeles CGAS (Wash)(CG)	2 NNE	13	45h L5 S1	91,100 oct. Lgts prior req.
PORTLAND Range (Ore)	332(PD)(vhf)	168°,3.1	SBRAZ-DTV	(3); 116.1, 122.1
Prineville (Ore)	2.9 SW;hwy SE	3237	37 S6	80 oct.
Quillayute (Wash)	0.7 NNW	195	50h	8 mi. W of Forks.
Ray Adams (Monmouth,Ore)	2.2 NNW;RR E	195	23 S1	80 oct. Cattle on fld.
REDMOND Range (Ore)(Roberts)	368(RG)(116.1)	101°,4.3	SBRAZ-DTV	(4); 116.1
(P) [Roberts] (Redmond, Ore)	1.5 SE;hwy N	3075	70h L5 S6	80,91 oct. No bcn. Lgts on req
Santiam Jct. Flgt Strip (Idanha,Ore) (NC)	21.5 SSE;hwys N	4000	30	Trees W,E. Steep down grade to W. Hill E end W appch.
Seaside (Ore)	1.5 NE;RR W	6	17 S4	80 oct.
SEATTLE Range (Wash)(King Co)	260(SA)(116.1)	296°,2.8	SBRAZ-DTXV	(3); 116.1, 122.1
Sisters (Ore)	1 NE;hwy S	3198	37	PRIV. Trees NE,E. W blkd.
Skagit Val'y Air Svc. (Burlington)	0.7 S;RR E	35	20 S1	80 oct. Pwrline S. Use strips
Sky Acres (Brooks, Ore)	1.6 NE;RR W	180	20 S1	Ltd 80 oct. (Wash)
Snohomish (Wash)	0.9 SW;RR N	16	30h S6	80,91 oct. Rnwy data unver
Snoqualmie Pass (No.Bend,Wash)	3.5 ESE;hwy S	680	19	Trees WNW, Poles ESE. ESE (NC)
Springfield (Ore)	1.6 ENE;hwy 0.5 S	460	20 S1	80 oct. Ctn-wet weather. P-
Summit (Montesano,Wash)	2.9 W;hwy S	190	22 S1	80 oct. line E.
THE DALLES Range (Ore)	230(ND)(116.1)	251°,2.8	SBRAZ-DTV	(4); 116.1
(P) The Dalles (Ore)	1.7 NE	239	51h L5 S6	80,91 oct.
TILLAMOOK Navy Range (Ore)	520 (NFS)	123°,2.5	BMRLZ	3105,4495. Manned 8-sunset
TILLAMOOK NAS Tower (Ore)	278 (142.74)		CN	(3);142.74(8-sunset, later on
(N) Tillamook NAS (Ore) (N)	3 SE;riv N	35	50h L5 S4	91 oct. Used by LTA,HTA. req
TOLEDO Range (Wash) (Int.)	239(GL)(vhf)	235°,2.8	BMRLZ-DTV	(4); 116.1, 122.1
Toledo-Winlock Int,63B,SF-SA	3 NE;hwy W	371	51h L3 S2	80,91 oct. (Wash)
Toppenish (Wash)	3.2 SSW;hwy E	835	32 S3	80 oct.
Twisp (Wash)	1.9 SE;riv S	1620	19 S1	80 oct. Hills NNW.
Vernonia (Ore) (NC)	2.4 WSW;riv S	620	29	Obsts sur fld.
Vision (Longview,Wash)	6.2 NNE;riv N,E	20	31 S1	80,91 oct. NW blkd. Use ctn.
Wasco (Ore)	0.4 E;RR SW	1420	18 S1	Ltd 80 oct.
Westport (Wash) (NC)	0.5 N;harb, E	5	18 S1	80 oct. P-lines NW. Ctn.
WHIDBEY ISL. Navy Range (Wash)	353 (NUW)	303°,3.3	BMRLZ	(3)
WHIDBEY ISL. NAS Tower (Wash)	278 (142.74,126.18)		CN (GCA)	(3):142.74,126.18. Tr.& gds 116.1,140.58 on req.
(N) Whidbey Island NAS (Wash)(N)	3 NW Oak Harb.	17	70h (L6) S2	91,100 oct.
WHIDBEY ISL. NAS Navy MH Fac.	522 (K)		MH	(4) cont. (Wash)
WHIDBEY ISL. NAS Seapl. Tower	2870(142.74)		CN	(3); 3155,142.74 (24 hrs. advance notice).
Whidbey Isl.(San de Fuca,Wash)	1.0 N;bay S	185	16 S1	80,91 oct. Trees N.
Willamette Arpk.(Eugene,Ore)	4.8 W;hwy S	420	25 S6	80,91 oct.
YAKIMA Range (Wash)	320(YA)(vhf)	267°,4.7	BMRLZ-DTV	(3); 116.1, 122.1
YAKIMA CO. Tower (Wash)	278 (118.5)		AC	(4); 118.5,122.5,142.74
[Yakima Co.] (Wash)	2.8 SSW	1058	50h L5 S6	80,91,100 oct. P-line S.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

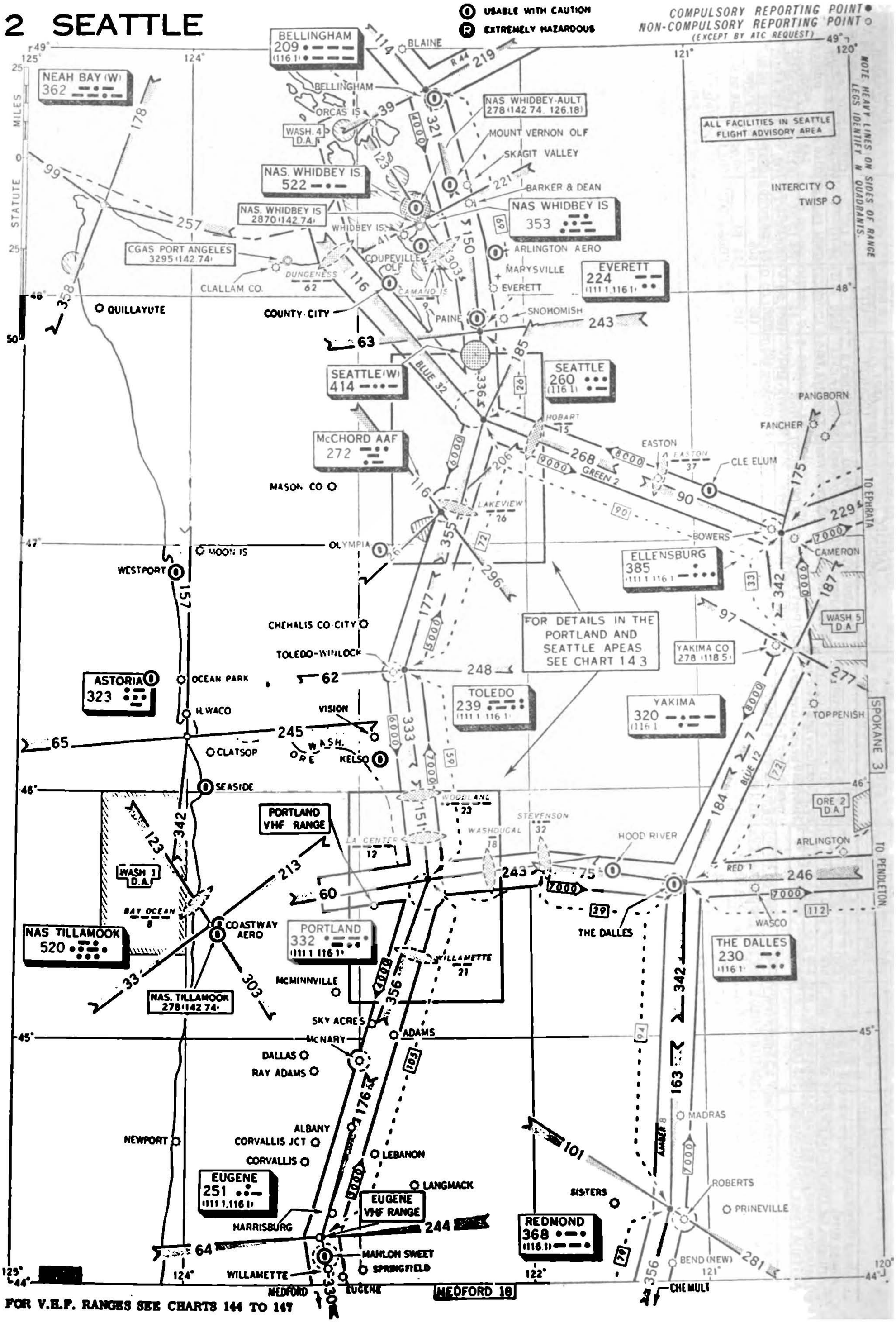
LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
MAHLON SWEET (L6)	109.9	333.8	159°	MM- · — · — (0.63)	OM- — — (4.5)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
➔ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➔ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

2 SEATTLE


USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'N' QUADRANTS.
ALL FACILITIES IN SEATTLE FLIGHT ADVISORY AREA
FOR DETAILS IN THE PORTLAND AND SEATTLE APEAS SEE CHART 143
BELLINGHAM 209 (116.1)
NEAH BAY (W) 362
NAS WHIDBEY-AULT 278 (142.74, 126.18)
NAS. WHIDBEY IS. 522
NAS. WHIDBEY IS 287 (142.74)
NAS WHIDBEY IS 353
CGAS PORT ANGELES 329.5 (142.74)
EVERETT 224 (111.1, 116.1)
SEATTLE (W) 414
SEATTLE 260 (116.1)
McCHORD AAF 272
ELLENSBURG 385 (111.1 116.1)
TOLEDO 239 (111.1 116.1)
YAKIMA 320 (116.1)
ASTORIA 323
YAKIMA CO 278 (118.5)
PORTLAND VHF RANGE
NAS TILLAMOOK 520
PORTLAND 332 (111.1 116.1)
NAS. TILLAMOOK 278 (142.74)
EUGENE 251 (111.1, 116.1)
EUGENE VHF RANGE
REDMOND 368 (116.1)
THE DALLES 230 (116.1)
MEDFORD 18
BLAINE
BELLINGHAM
ORCAS IS
WASH. 4 D.A.
MOUNT VERNON OLF
SKAGIT VALLEY
BARKER & DEAN
INTERCITY
TWISP
WHIDBEY IS.
COUPEVILLE OLF
ARLINGTON AERO
MARYSVILLE
EVERETT
CAMANO IS.
PAINE
SNOHOMISH
DUNGENESS
CLALLAM CO.
COUNTY CITY
QUILLAYUTE
SEATTLE
HOBART
PANGBORN
FANCHER
EASTON
CLE ELUM
MASON CO
LAKEVIEW
BOWERS
CAMERON
OLYMPIA
WESTPORT
WOODIS IS
CHEHALIS CO CITY
TOLEDO-WINLOCK
OCEAN PARK
ILWACO
VISION
CLATSOP
ORE
WASH.
KELSO
SEASIDE
WOODLAND
STEVENSON
WASHOUGAL
LA CENTER
HOOD RIVER
ARLINGTON
WASH 5 D.A.
ORE 2 D.A.
WASH 1 D.A.
BAY OCEAN
COASTWAY AERO
TOPPENISH
WASCO
THE DALLES
MCMINNVILLE
WILLAMETTE
SKY ACRES
MCNARY
ADAMS
DALLAS
RAY ADAMS
NEWPORT
ALBANY
CORVALLIS JCT
CORVALLIS
LEBANON
LANGMACK
HARRISBURG
MAHLON SWEET
SPRINGFIELD
EUGENE
MEDFORD
MADRAS
SISTERS
ROBERTS
PRINEVILLE
BEND (NEW)
CHE MULT
TO EPHRATA
SPOKANE 3
TO PENDLETON
FOR V.H.F. RANGES SEE CHARTS 144 TO 147

SPOKANE 3

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

EXTREMELY HAZARDOUS — USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS INDENTIFY 'R' QUADRANTS.

DOROTHY SCOTT
TONASKET
OKANOGAN No 1
OKANOGAN LEGION
MAFLOTTI
RIVERVIEW
ANDERSON
CHELAN
EPHRATA 269 (111.1 116.1)
COLVILLE
NEWPORT
HAFER'S
DEER PARK
SPOKANE 365 (111.1 116.1)
SANDPOINT
COEUR D'ALENE 347 (116.1)
LIBBY
EUREKA
CALKINS AIR TERMINAL
COEUR D ALENE AIR TERMINAL
THOMPSON FALLS
DAVENPORT
FELTS 278 (118.5)
SPOKANE AAF 245 (126.1R)
WILBUR
COULEE CITY
HARRINGTON
EPHRATA
ARMSTRONG'S
SAVAGE
GEIGER AAF
SPRAGUE
HARRINGTON
MANITO
LEMEN
WEEKS
KELLOGG
ROSALIA
ST MARIES
MOSES LAKE AAF
RITZVILLE
TEKOA FLY CLUB
MULLAN PASS 206 (116.1)
LIND
LA CROSSE
WASHTUCNA
PULLMAN-MOSCOW REGIONAL
WASH 5 DA
WASH 8 DA
CONNELL
ASOTIN CO
OROFINO
TOUCHET VALLEY
WALLA WALLA 212 (116.1)
LEWISTON
SUNNYSIDE
PASCO
RICHLAND
PROSSER
CRAIGMONT
KAMIAH
MARTIN
VISTA
TWIN CITY
WALLA WALLA AAF
SKY RANCH
OREGON SKY RANCH
WASH.
ORE.
IDAHO CO.
PENDLETON 278 (118.7)
PENDLETON
HERMISTON
BOARDMAN
PENDLETON AWYS SER
ENTERPPISE
JOSEPH
LEXINGTON
LA GRANDE 329 (116.1)
PENDLETON 341 (111.1,116.1)
LA GRANDE
BAKER 221 (111.1,116.1)
ORE.
IDAHO
NEW MEADOWS
McCALL
CASCADE
JOHN DAY
BAKER
WEISER
On request
ONTARIO 305 (116.1)
PAYETTE
ONTARIO
BOISE 350

STATUTE MILES 0 25 50

TO OLYMPIA
TO THE DALLES
TO SUPERIOR
GREAT FALLS 6
GREAT FALLS SEATTLE
SEATTLE 2
SEATTLE SALT LAKE CITY
ELKO 19

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
→ COEUR D'ALENE (Air Term.)	347(IKO)(116.1)	BMRLZ-DTV;321°,5.2	(4):116.1,122.1
PAYETTE FM	(. . - - - -)	FM; 301°, 49	Boise.
MONTANA			
MULLAN PASS	206(MNX)(116.1)	BMRLZ-DTV	(4):116.1
OREGON			
BAKER	221(BK)(vhf)	SBRAZ-DTV;116°,1.8	(4):116.1,122.1
CABBAGE HILL FM	(- -)	FM, 121°, 11	Pendleton
LA GRANDE	329(IUX)(116.1)	MHTV	(4):116.1,122.1
LA GRANDE FM	(- - - -)	FM; 300°,38	Baker
ONTARIO	306(OO)(116.1)	MHV	(4):116.1,122.1
PENDLETON	341(PO)(vhf)	SBRAZ-DTV	(3):116.1 122.1
Pendleton Arpt.	278 (118.7)	C; 247°,1.9	(4):122.5,118.7
WASHINGTON			
EPHRATA	269(EPK)(vhf)	BMRLZ-DTV;336°,4.0	(4):116.1,122.1
FELTS (Spokane)	278 (118.5)	AC;331°,1.2	(4):118.5,126.18,122.5
HARRINGTON FM	(- - - -)	FM; 236°, 45.3	Spokane
SPOKANE (Felts)	365(SM)(vhf)	SBRAZ-DTV.	(3):116.1,122.1
SPOKANE AAF	245 (126.18) +	CA	(3): 126.18
← WALLA WALLA	212 (WLK)(116.1)	SBMRLZ-DTV;182°,3.0	(4):116.1,122.1
Walla Walla AAF			DECOMMISSIONED

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
IDAHO				
Cascade	1 E;riv SW	4765	29 S2	80 oct. Pole line NW.
Cayuse Creek, USFS (NC)	40 ENE Pierce	3770	20	
↘ Chamberlain, USFS (Dixie)(NC)	17.6 SE	5765	32 S1	73 oct. Maint. May to Nov.
(P) Coeur d'Alene Air Terminal	6.3 NNW;RR NW	2310	54h R1 L3 S6	80,91 oct. 2-50' poles S.
Dixie, USFS (NC)	4 SW; creek E	5200	28	Obst N,E,S.
(P) Idaho Co. (Grangeville)	0.9 N;dam S	3295	44 S4	80 oct. 20' pole line W.
Kamiah	0.6 SE;riv E	1194	32 S1	80 oct. Trees SSE.
★ Kellogg Int, 29B, SA-HL	0.8 NW;riv N	2300	38 L3 S4	80 oct.
Landmark, USFS (Knox) (NC)	1.7 SSE	6680	23	ESE blkd, hills SSW.
(P) Lewiston	2 S;riv NW	1426	50h L1	Port rnwy lgts.
McCall	1 S, RR W	5021	23 S6	80 oct. P-line NE.
Orofino	1.3 NW;riv NE	1000	24 S6	80 oct. Ctn. Mtns ESE.
Payette	2 NE;RR W	2200	35 S6	Road crosses fld SE. No sto.
Priest River (NC)	0.9 NNW, RR S	2165	25	Trees E; hill W.
St. Maries	1.2 NW;riv S	2132	23 S2	76 oct.
Sandpoint	1.5 NNW;RR W	2117	27 S4	73,80 oct. No sto. Pole line W.
Tekoa Flying Club (Tensed)	5 NNW, crk N	2650	16 S2	80 oct.
Weeks (Coeur d'Alene)	3 N;RR E	2237	30 S6	73,80,91 oct. Trees NE.
Weiser	2.8 S, riv W	2120	34 S6	80 oct.
MONTANA				
Eureka	2.7 NNW, RR N	2680	27 S1	80 oct.
Libby, USFS	1 NE;riv S, E, W	2090	30 S1	80 oct.
Thompson Falls	3.2 ESE, RR N	2460	25 S1	80 oct. Mtns E,S.
OREGON				
(P) Baker	4.3 NNE;hwy W	3368	49h R1 L3 S6	80,91 oct. No sto.
Boardman Flight Strip	5.6 WSW, RR N	378	42h	

h-hard surfaced runways R-radio facilities L-lighting facilities. S-servicing. (See page XIII) NC-(not charted) → NEW OR REVISED DATA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
OREGON				
Enterprise	1.4 WNW;RR SW	3750	34	Hwy SW.
Hermiston	1.7 SE;hwy W	635	25 S2	80 oct. P-line ENE.
(P) Joseph	1.2 W;RR E	4150	33 S2	80 oct.
(P) La Grande	5.5 ESE, RR SW	2713	47h R1 L2 S6	80 oct.
Lexington	0.7 N;hwy E	1650	30 S1	80 oct. RR SW
(P) Ontario	2.5 W;hwy E	2190	45h R1 L3 S6	80 oct.
Oregon Sky Ranch (Milton)	3.7 SSW, RR E	1300	20 S6	73,80 oct.
(P) PENDLETON	2.9 WNW;RR 1 S	1492	63h R2 L5 S6	80,91 oct. Fld lgts on req.
Pendleton Airways Inc. (Pendleton)	3.8 ESE, RR N	1200	37 S6	80,91 oct Pole line E.
Pilot Rock	0.8 E, hwy N			ABANDONED.
WASHINGTON				
Anderson (Pateros)	1.6 SSW;hwy E	1100	16 S1	80 oct. Mtn W.
Asotin County (Clarkston)	0.5 N;riv N	760	33 L4 S6	80,91 oct. Lgts prior req. Mtns W.
Calkins Air Terminal (Spokane)	3.8 N;hwy W	2020	53 S6	80 oct. Trees 200' W.
(P) Chelan	4.7 NE;riv SE	1250	26	Hills N,S,SW. Caution.
Colville	0.8 E;hwy NW	1875	27 S1	80 oct.
(P) Connell	1.2 SSW, RR W	870	30 L3 S1	80 oct.
Coulee City	2.2 E;RR W	1700	33 S1	80 oct.
Davenport	0.9 WNW, hwy S	2425	28 S1	80 oct. Obsts ENE.
(P) Deer Park	2.6 ENE	2200	61h S4	80 oct.
(P) Dorothy Scott (Oroville)	3 NNE;lake W	1290	29 S2	80 oct. 2000' mtn S.
(A) Ephrata	2 SE, hwy NW	1273	73h R1 S6	80 oct. ARMY TMP INACT. CIVIL FACS.
↙ Fairweather (Republic) (NC)	0.8 S;riv E	2500	20	Trees N,S.
FELTS (Spokane)	4.9 ENE;riv N	1962	45h R2 L5 S6	73-91 oct. ARPT OF ENTRY.
(A) Geiger (Spokane) (A)	6.5 SW;hwy N	2372	82h	TMP INACT NO FACS
Hafer's Ranch (Chewelah)	3.6 SSW;RR E			ABANDONED.
* Harrington Int, 19, SA-HL	1 NNW;hwy E	2305	32 L3	
"JZ" (Almira)	1 NNW;RR SW	1950	21	
La Crosse, 28B, PD-SM	2.5 SW;RR NW	1459	37 L3 S1	80 oct. RR E.
Lemen Airpark (Opportunity)	3 SE;lake N	2040	32 S4	80 oct. No sto. Pole line NNE.
(P) Lind	1.3 NE;RR S	1478	33 L2 S2	80 oct.
Martin (College Place)	1.5 WSW, RR N	750	24 S6	80,91 oct. No sto. Trees ENE.
(A) Moses Lake AAF (A)	6.5 NNW;RR E	1190	100h	TMP INACT NO FACS
Newport	1 W;riv NE	2150	29 S6	No fuel. Hills E,W.
Okanogan-Legion (Okanogan)	1.1 E;riv NW	1100	25 S6	80 oct.
Okanogan Flight Strip (Omak)	4 N;hwy E	1298	47h S1	80 oct.
Pasco	2.8 NNW, RR E	402	47h	CLOSED.
(P) Prosser	1.4 NW;riv S	685	40 S6	80,91 oct. Trees W. Poles NE.
(P) Pullman-Moscow Regional (Pullman)	3.4 ENE;RR S	2549	51h S6	80 oct
Richland	1.3 SSE, riv NE	365	23 S1	80 oct. Riv SE.
Ritzville	0.5 W;RR SW	1800	15 S1	80 oct. Pwrline, bldgs NE.
Rosalia	2.6 W	2180	26 S1	80 oct. Hill NE.
Savage (Cheney)	0.7 WSW;RR SE	2400	24 S1	80 oct.
Sky Ranch (College Place)	1 E, mtn S	800	30 S6	80,91 oct. WSW blkd.
(A) Spokane AAF (A)	12 WSW	2430	80h R1 L5 S6	62,73,91,100 oct. JP-1. No sto.
Sprague	0.7 NE;RR S	2000	21	
Sullivan Lake (Metaline Falls)	4 ESE;lake S	2590	21	Road crosses fld-caution. (NC)
Sunnyside	2 SE;RR NE	730	18 S1	80 oct.
Tonasket	1.9 NNW;riv E	1250	41 S1	80 oct. Pwr line SSW. P-line SSE.
Touchet Valley (Huntsville)	0.5 NE;RR S	1400	19 S4	80 oct. Trees, poleline WSW.
Twin City (Kennewick)	1.3 SE;RR E	385	30 S6	80,91 oct.
Vista (Kennewick)	4.5 W;riv S NW	516	35h L S6	80,91 oct. Emerg lgts on prior req.
Wallace (Mead)(NC)	2 W;RR E	1935	26	40' trees NE.
(A) WALLA WALLA AAF (A)	3 NE;hwy S	1205	72h R1	CLOSED.
Washtucna	1 S;RR SE, NW	1000	39 S2	80 oct. Hill NE.
Wilbur	1.8 W;RR S	2175	29 S6	80 oct. Pole line NE.
NEW AIRPORTS				
Craigmont, (Idaho)	Adj NW;RR SW	3698	20 S2	80 oct. P-line E.
Manito Arpk (Spokane, Wash)	5 SSE	2450	21	P-line NE; trees SW Data unver.
New Meadows (Idaho)	0.5 N;hwy jct SE		26	Unusable in wet weather.
Armstrong's Ranch (Harrington, Wash.)	3 ESE	2220	25 S2	Data unver.
Maflott (Wash.)	1 N;riv S	1100	27 S1	80 oct. Soft when wet.
Riverview (Brewster-Pateros, Wash)	2.6 WSW;hwy SE	1070	21 S1	80 oct. Pwr line SE, hill WSW.
John Day (Ore)	0.6 W;riv N	3075	19 S2	80 oct.

GREAT FALLS

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
DU BOIS (Int.)	388(DZ)(vhf)	SBRAZ-DTV;332°,1.7	(4);116.1,122.1
[redacted]			
ALBERTON FM	(- - -)	FM, 276°,14.8	Missoula
BELT FM	(- -)	FM, 86°,21.5	Great Falls
BOZEMAN (Gallatin)	329 (BL) (116.1)	SBMRAZ-DTV,319°,0.8	(4);116.1
BUTTE	233(BT)(vhf)	BMRLZ-DTV;99°,16.1	(4);116.1,122.1
CASCADE FM	(- - -)	FM,202°,19.3	Great Falls
CUT BANK	263 (GV) (116.1)	SBRAZ-DTV,327°,3.1	(4); 116.1
DILLON (Int.)	379(DE)(116.1)	BMRLZ-DTV;167°,2.0	(4);116.1
DRUMMOND	296 (DR)(116.1)	SBMRAZ-DTV, 185°,1.3	(4);116.1
GREAT FALLS	317(GT)(116.1)	SBRAZ-DTV	(3);116.1
Great Falls Mun.Arpt.	278 (118.7) (126.18 on req).	AC; 17°, 1.5	(4);126.18,122.5,118.7
GREAT FALLS AAF	219 (126.18)+	CA	(3); 126.18
HELENA	371(HL)(vhf)	SBMRAZ-DTV252°,1.9	(4);116.1,122.1
Helena Airport	278(118.9)	C	(4);118.9,122.5
HOMESTAKE FM	(- -)	FM, 99°, 21	Butte
LIVINGSTON (Int.)	224(LT)(116.1)	SBMRAZ-DTV;247°,2	(4);116.1
McDONALD PASS FM	(- - - -)	FM, 252°, 18	Helena
MISSOULA	308(MX)(vhf)	SMRAZ-DTV; 120°, 1.5	(4);116.1,122.1
STANFORD FM	(- - - -)	FM,270°, 29	Lewistown
SUPERIOR (Int.)	254(SP)(116.1)	BMRLZ-DTV;275°,0.1	(4);116.1,122.1
WHITEHALL (Int.)	284(WW)(116.1)	SBRAZ-DTV;183°,2.3	(4);116.1
WHITETAIL FM	(-)	FM,352°,15.6	Whitehall
WINSTON FM	(- -)	FM, 100°, 15	Helena

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMK–	OMK–

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Big Springs (NC)	1.1 WNW;RR SE	6350	27	Trees ENE,WSW.
(P) Challis	1.2 NNE;hwy E	5000	34 S1	80 oct.
Dubois, 23,S1-GT	0.8 SSE	5123	48 R1 L3	30' pole W.
Flying R (Lake)	2.8 SE;hwys SE,E	6630	34	Mtns ENE.
Moose Creek,USFS (Red Riv,Hot Sprgs)	26.5 NNE	2200	23	Mtns sur fld. (NC) Closed to Public
Salmon	4 S;riv W	4045	S1	80 oct,Mtns NE.
[redacted]				
Basin Creek (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4900	21	Closed to public
Big Prairie (Flathead Nat'l Forest)(NC)	24 NE Seeley Lake	4650	22	Closed to public
Black Bear (Flathead Nat'l Forest)(NC)	26 SE Swan Lake.	4200	22	Closed to public
Bob Gordon (Cascade)	0.9 W;RR E	3480	25 S1	(NC) 80 oct.Rough
(P) BUTTE	4 S;RR W,N	5553	56h R1 L5 S6	80,91 oct.
Chester	1.5 WNW; RR S	3150	44	
(P) Choteau	1.2 NNE;hwy S,E	3810	39 S6	80 oct.
Condon (Flathead Nat'l Forest)(NC)	19 E of Ronan	3690	27	
Conrad	1.1 W; creek S	3530	32 S2	80 oct.
(P) CUT BANK	3 SW;riv I E	3900	87h R1L5 S6	80 oct. ARPT OF ENTRY.
(P) Deer Lodge	1.5 W;RR E	4700	38 L1 S1	80 oct.
Dell Fight Strip,28, SL-GT	1.3 NW;RR E	6114	70h L3	
★ Dillon Int,32, SL-GT	4.6 ENE;riv 2 W	5238	38 R1L3 S1	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (see page XIII) (NC)-Not charted. → NEW OR REVISED DATA

MONTANA

AIRPORT—CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Drummond Int.44B. SA-HL	4 SW;hwy E	4300	36 R1 L3	
Ennis (NC)	1 NW;riv E	4985	23	P-lines S.
(P) Flathead Co.(Kalispell)	7.4 NNE;RR E	2960'	47h L2 S4	80 oct.All lgts prior req.
Fort Benton	1.3 NE;RR S	2870	27 S2	80 oct.Poles NW.Soft when wet.
(P) Gallatin (Bozeman)	8.5 NW;RR S	4461	52h R1 L5 S6	80,91 oct.
Gates Park,USFS(NC)	35.8 W Choteau.	5400	26	Sur by mtns.Closed to public.
Geraldine Mun,	0.5 S;RR N,E	3200	17 S1	80 oct.Rough.
★ Geyser Int,55,CX-GT	3 SE;RR N	4281	43 L3	
(P) GREAT FALLS	3 WSW; RR E	3669	70h R2 L5 S6	80,91 oct. ARPT.OP ENTRY.
(A) Great Falls AAF(A)	4.5 E;RR N	3485	89h R1 L5 S6	73.91.100 oct.JP-1.Foreign clearing station.
Hale (Missoula)	2.3 SSW;hwy NW	3186	38 L4 S6	80,91 oct. All lgts prior req.
Hamilton	1.3 ENE;hwy W	3640	35 S6	80 oct.
(P) HELENA	2.5 ENE;hwy W	3882	55h R2 L5 S6	80,91 oct.Stack WSW.
Holbrook (Flathead Nat'l Forest)(NC)	37 E Ronan	4575	20	Sur by mtns.Closed to public.
Hot Springs (NC)	2.2 E;hwy W	2800	27	
Kalispell	1 S;hwy E	2900	34 S4	80 oct.W,NW blkd.
Livingston	6 ENE;RR N	4656	62 S2	80,91 oct.
10,HL-Twin Cities	2 E;RR N	4603	40 R1 L3 S4	80 oct.Poles S.
Meadow Creek (Flathead Nat'l Forest)	21 ESE Swan Lake	4000	22	(NC)
(P) MISSOULA COUNTY	6.3 WNW;RR N	3200	71h R1 L5 S2	80,91 oct.No flood lgts.
Plains	1.3 NNW; RR NE	2465'	32 S4	80 oct. Poles N,E.
Polson	1.5 W;riv E	2900	23 S4	80 oct.No sto.
Quarter Circle,M.C. Ranch (Polebridge)	4.2 NW;riv W	3600	21 S1	80 oct.Ski-equipped acft only. Nov. thru April.
Rainbow Skvport (Gregson)	1 N;RR E,S	5030	40 S1	80 oct. NE,SW,NW blkd.
Schafer (Flathead Nat'l Forest)(NC)	17 SSE Summit	4855	24	Sur by mtns.
Seeley Lake (NC)	4.5 NW	4150	20	Trees NW.
Sheridan	0.6 SE	5160	27	Brush, cattle on fld.
Six Mile Landing Fld (Huson)(NC)	2 NNW;riv S	3200	24	Hill NE;make SW approach.
Spotted Bear (Flathead Nat'l Forest)(NC)	14 ENE Swan Lake; riv E	3800	22	Sur by mtns.
Stevensville	2 ENE;riv 2 W	3620	30	80 oct.
★ Superior Int,36B,SA-HL	1 S;RR S,riv NE	2700	35 R1 L2 S1	Ltd 80 oct.Mtns NW;trees SE.
Tanner (Geraldine)	0.5 NW;RR NE	3200	25	
Toole Co.(Shelby)	2 NNW;RR S	3300	26 S2	80 oct.Poles E,SE.
★ Townsend Int,3,HL-Twin Cities	2.2 ENE;riv 3 W	4000	40 L3 S1	80 oct.
Troy (NC)	1.3 NW;riv E	2017	26	Trees SSE.
Twin Bridges	1.5 SE;RR SW	4725	37 S1	80 oct.
(P) Valier	0.6 S;lake S,W	3820	35 S1	Ltd 80 oct.Ctn when wet.
(P) West Yellowstone	1.3 W;RR S	6700	63 S2	91 oct. Trees sur fld. Scheduled air line summer mo. only.
★ Whitehall Int,36A,SL-GT	6.7 SW;RR N	4665	60 R1 L3	
White Sulphur Sprgs.	4 SSW;RR E	5010	24	Livestock on fld.
NEW AIRPORTS				
Gardiner, Mont.	1 NW;RR S	6200	22	

6 GREAT FALLS

R EXTREMELY HAZARDOUS I USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

QUARTER CIRCLE M C RANCH
CUT BANK 263 (116.1)
LETHBRIDGE
CUT BANK
TOOLE CO.
CHESTER
CONRAD
KALISPELL
FORT BENTON
CHOTEAU
GREAT FALLS MUN. 278(118.7,126.18)
GREAT FALLS 317 (116.1)
GERALDINE
TANNER
GREAT FALLS AAF 219(126.18)
POLSON
MISSOULA 308 (116.1, 111.1)
PLAINS
SUPERIOR
ALBERTON
MISSOULA CO
CASCADE
BELT
STANFORD
GREAT FALLS VHF RANGE
CRAIG
GEYSER
HELENA 371 (111.1, 116.1)
HELENA 278 116.9
McDONALD PASS
GARRISON
WINSTON
SUPERIOR 254 (116.1)
HALE
DRUMMOND
STEVENSVILLE
DRUMMOND 296 (116.1)
DEER LODGE
WHITE SULPHUR SPRINGS
HAMILTON
TOWNSEND
LIVINGSTON 224 (116.1)
BUTTE
HOMESTAKE
WHITETAIL
GALLATIN
RAINBOW
BUTTE 233 (111.1, 116.1)
WHITEHALL
WHITEHALL 284 (116.1)
GREEN 2
LIVINGSTON
LIVINGSTON MUN.
DILLON 379 (116.1)
SHERIDAN
TWIN BRIDGES
BOZEMAN 329 (116.1)
DILLON VHF RANGE
DILLON
SALMON
GARDINER
MONT.
WYO.
GREAT FALLS
SALT LAKE CITY
DELL
FLYING "R"
WEST YELLOWSTONE
CHALLIS
DUBOIS 388 (111.1, 116.1)
DUBOIS
IDAHO
WYO.
IDAHO FALLS
SALT LAKE CITY 22
10 MULLAN PASS
SPOKANE 3
MONT. IDAHO
TO BILLINGS
LEWISTOWN 353
BILLINGS 7

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

BILLINGS 7

COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'A' QUADRANTS.

STATUTE MILES 0 25 25 50

110° 109° 108° 107° 106° 105° 49° 48° 47° 46° 45° 44°

GREAT FALLS 6

BISMARCK 10

TO GREAT FALLS

TO DICKINSON

TO WRIGHT

TO GREAT FALLS SALT LAKE CITY

MINNEAPOLIS GREAT FALLS

MONT. WYO.

CHINOOK
HAVRE CITY CO
HARLEM
MALTA AIRPK.
ETCHART
VALLEY CO.
SCOBEY
GUSTAFSON ANDERSON
WOLF POINT
FORT PECK
VINE
CIRCLE
JORDAN
DENTON
LEWISTOWN
MOORE
FOREST GROVE
LEWISTOWN 353 (116.1)
HARLOWTON
ROUNDUP
BILLINGS 400 (116.1)
CUSTER (W) 215
LAVINA
CUSTER
MILES CITY
MILDRED
GREEN 3
FORSYTH
MILES CITY 320 (116.1)
NYE
RAPELJE
BILLINGS 278 (118.7)
BIG TIMBER
LIVINGSTON 224
COLUMBUS (R)
PARK CITY 21
BILLINGS 6
ZELKA
BIG HORN CO
BOYES BROS RANCH
ST XAVIER
BRIDGER
RED LODGE
COWLEY-LOVELL-BYRON
LOVELL
POWELL
SHERIDAN CO.
SHERIDAN 2
UCROSS 17
SHERIDAN 239 (116.1)
DENVER
CODY
GREYBULL
BASIN
BUFFALO
GILLETTE MUNI
GILLETTE ARPK.
MEETEETSE
ROCK SPRINGS 23
CASPER 269
AMBER 3
RED 2
17 197 90 270 146 145 142 326 325 208 238 60 240 50 229 67 247 297 118 28 298 159

RADIO — MONTANA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BILLINGS	400(BI)(116.1)	SBRAZ-DTXV	(3):116.1
Billings Airport	278 (118.7)	AC(ILS-W):247°,1.3	(4):118.7,126.18,122.5
BILLINGS LFM	(- - -)	LFM, 247°, 6	Billings
CUSTER (Int.)	215(CU)	MRLWZ:230°, 2	
LEWISTOWN	353(IT)(116.1)	SBRAZ-DTV,90°,2.9	(4); 116.1
MILES CITY	320(MY)(116.1)	SBMRAZ-DTV,58°, 2.1	(4); 116.1
NIBBE FM	(-)	FM, 49°, 25.4	Billings
PARK CITY FM	(. . - - -)	FM, 247°, 21	Billings

WYOMING

SHERIDAN LFM	(- -)	LFM,118°,2.3	Sheridan
SHERIDAN	239 (ZY)(116.1	SBRAZ-DTV;298°,1.6	(4);116.1,122.1
UCROSS FM	(. . - -)	FM, 118°, 17.4	Sheridan

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BILLINGS	110.3	335	253°	IM-	MM- ·-·-(0.6)	OM- --(4.3)
					MMK-	OMK- 251 -·-·
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +- Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Big Horn Co. (Hardin)	2.3 ESE, riv W	3000	31 S1	(NC) 80 oct.
★ Bigtimber Int, 13A, HL-Twin Cities	2.5 SSW; riv 1.2 E	4450	43 L3	
(P) BILLINGS	2.5 NW, RR S	3612	57h R3 L6 S6	80,91,100 oct.
(P) Bones Bros. Ranch (Birney)	2 ESE, crk W	3500	29 S2	No fuel. ROUGH
(P) Chinook	2.8 NNE, rd W	2480	42	
Circle	1.3 E, RR N	2400	21 S1	80 oct.
(P) Columbus	1 ESE, RR N	3575	50 S1	80 oct. Poles W, E, NW.
★ Custer Int, 25, HL-Twin Cities	2.3 E; hwy N	2868	44 L3	Poles NNW.
Denton	2.2 SSW; hwy S	3850	26 S2	80 oct.
Etchart (Tampico)	0.5 NNW, RR S	2100	29 S2	80 oct. Trees SE, E.
Forsythe, 30 HL-Twin Cities	3 ENE; hwys S	2722	30 L3 S1	73 oct. Allway fld.
Fort Peck	1.6 W, hwy S	2294	30 S1	80 oct. P-line N, S, WSW
Gustafson-Anderson (Wolf Point)	0.8 NW, RR S	2040	26 S6	80 oct. Poleline E.
Harlem	2.3 NNE; RR S	2560	24 S2	80,91 oct. ESE blocked.
(P) Harlowton	2 WNW, riv S	4400	29 S2	73 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Havre-City-County	4 WSW; RR 1 N	2589	48h S6	80 oct. ARPT OF ENTRY.
Ingomar (NC)	0.8 WSW, RR N	2950	24	
(P) Jordan	1.8 WNW, rd S	2637	40 S1	80 oct. Road W.
★ Lavina Int, 44B, CX-GT	1 WNW, RR S	3496	49 L3	lgts on req.
(P) LEWISTOWN	2.5 SW, RRNW	4177	90h R1 L5 S4	80,91 oct. No flood lgts. Rnwy
(P) Malta Airpark	0.8 SW, RR N	2270	31 S1	80 oct. Shrubs NW
★ Mildred Int, 38, HL-Twin Cities	3.4 WSW, rd E	2535	37 L3	
(P) MILES CITY	2.5 NW; hwy N	2628	56h R1 L5 S6	73,91,100 oct. Fld lgts prior req.
Poplar (NC)	0.8 N, RR S	1970	28	
(P) Rapelje	1 SE; lk NE	4030	38	
(P) Red Lodge	0.5 WNW	5600	29	ROUGH. Road N.
(P) Roundup	1.9 N; hwy W	3500	37 S2	80 oct. Rough.
★ St. Xavier Int, 35, CX-GT	7.3 SSW	3170	40 L3	River W
(P) Scobey	1 NW, RR S	2458	34 S1	80 oct.
(P) Valley County (Glasgow)	1.8 NNE, RR S	2298	81h S6	80,91 oct.
Vine (Vida)	8 S, hwy W	2350	27 S1	80 oct.
(P) Wolf Point	3 E, riv S	1980	35 S2	80, 91 oct.
Zelka (Hardin)	2 W, hwy N	3002	18	

WYOMING

Basin	2.5 NE; riv W	3775	32	Hills S.E.
Buffalo, 27, CX-GT	2.6 NNW	4900	40 L3 S1	73 oct.
→ Cody	2 ESE; hwy S	5084	50h S6	80,91 oct. P-line S, SE, SW.
→ Cowley-Lovell-Byron (Cowley)	2 NNE	4050	32	
(P) Gillette	5.2 NNW	4380	36 S4	80 oct. Hwy E.
(P) Grey Bull	2 NW, hwy S	3900	71 S4	73,91 oct. Hill NW
(P) Powell	8 NNW	5054	42	Storage. P-line N, NE.
(P) SHERIDAN COUNTY (Sheridan)	2 SSW, creek N	3961	61h R1 L5 S6	80,91 oct.

NEW AIRPORTS

Gillette Arpk. (Wyo.)	1.7 ESE, RR N	4650	25 S4	80 oct. Poles NW.
Moore, (Mont.)	0.5 E; RR NNW	4100	19 S2	80 oct. P-line W.
Lovell (Wyo)	1 SE; hwy W	3850	26 S1	80 oct.
Meeteetse (Wyo)	3.4 SW; riv N	5950	36	P-line SW
Bridger (Mont)	0.3 W; RR S	3675	30 S2	80 oct. S blkd Poles N

RADIO

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST	FREQS. GUARDED, HRS. OF OPER., REMARKS
BISMARCK	230(RK)(116.1)	SBRAZ-DTV,260°, 2.3	(4): 116.1
DICKINSON (Mun.)	308(DC)(116.1)	SBMRAZ-DTV,167° 2.1	(4): 116.1
DRISCOLL FM	(-)	FM, 73°, 30	Bismarck
JUDSON FM	(- - -)	FM,260°, 27	Bismarck
MINOT(Port O' Minot)	209 (UI)	BMRLZ-DT,301°, 3.3	(4)
PHILIP (Int.)	206(IL)(116.1)	MHTV	(4);116.1,122.1
PIERRE	347(PX)(116.1)	SBRAZ-DTV;249°, 3.5	(4);116.1,122.1
RAPID CITY	221 (RZ)(116.1)	SBRAZ-DTV	(4);116.1,122.1
Rapid City AAB	396 (126.18)+	CA;345°,5.5	(4): 126.18

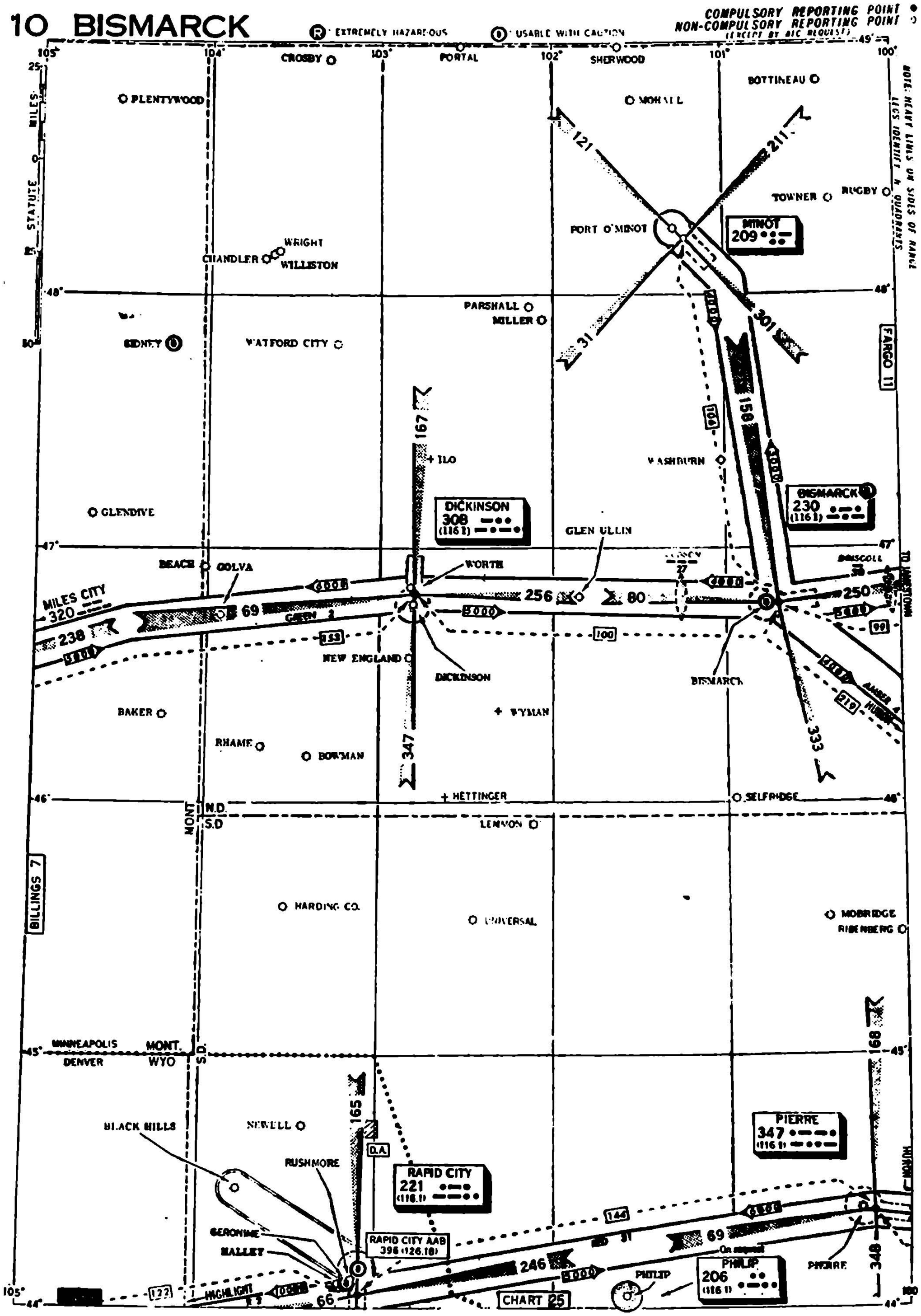
S-Simul. Range and Voice, W-Without Voice, Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MONTANA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Baker	0.8 SSE;lk N	2990	35 S2	80 oct. Poles NW,W.
Glendive	2.5 NE,RR S	2128	28 S6	80 oct. Poles S.
Plentywood	0.5 S,RR NE	2065	24 S4	80 oct.
(P) Sidney	6.6 NW,hwy W	2290	30 S2	80 oct.
Beach	0.8 NNW	2814	30 S2	73 oct. Poles ENE.
(P) BISMARCK	2.4 SSE,RR ENE	1653	51h R1 L5 S6	80,91 oct.
Bowman	1.5 W,RR N	3000	24 S2	80 oct. P-line N.
Chandler(Williston)	3 W,RR SE	1877	31 S6	80 oct. Bldg N.FEE.
(P) Crosby	1 N,RR SW	1962	32 S2	80 oct.
(P) Dickinson Mun.	5.8 S,hwy E	2587	54h R1 L3 S1	80,91 oct.
Dunseith (NC)	1.5 S	1715	26	
★ Glen Ullin Int,53,HL-Twin Cities	1.5 WSW,RR N	2084	29 L3	Poles NE,trees E,SE.
★ Golva Int,43,HL-Twin Cities	1.5 E,hwy W	2781	34 L3	
Ilo (Killdeer)	1.5 SE,hwy N		23 S2	73 oct. Data unver.
Miller (Parshall)	5 SE,RR N	1950	20 S2	80 oct. Pole line N.
Mohall	0.8 WNW,RR E	1650	26 S1	80 oct. Polelines S.
New England	3NE;hwy W	2666	24 S6	80 oct. P-line W
Parshall	1.2 S;hwy E	1970	22 S1	80 oct. P-line W
(P) PORT O'MINOT (Minot)	1.6 NNE, hwy W	1723	58h R1 L S6	80,91 oct. Port rnwy lgts. Pwr line SW.
Rhame	1.5 SW,	3150	23 S1	80 oct. P-line S,SE,SW
Rugby	2 NNW,RR SW	1542	26 S6	80 oct.
Towner	1.5 NE,RR S	1482	27 S1	80 oct. Poleline N,NW.
★ Washburn Int,4,RK-UI	5.1 N,hwy W	1906	40 L3	Pole line W.
(P) Watford City	1.2 ENE,hwy S	1975	31 S1	80 oct.
Williston	1.1 NNW,hwy E	1861	24 S6	80,91 oct. Obsts N,E,S
Worth(Dickinson)	1.8 SW,riv NW	2455	28 S6	80 oct. Hangar NW.
Wright(Williston)	2 NNE	1876	32h S6	80,91 oct. Data unver.
Wyman (Mott)	0.8 S;riv ENE	2495	30 S2	80 oct. P-line W,SE.
(P) Belle Fourche(NC)	8.4 NW,hwy N	3140	50	
BLACK HILLS	4.5 E,hwy S	3900	58 S6	73, 91 oct.(Spearfish)
Geronimo (Rapid City)	4.3 ENE,RR S	3200	28	Not maintained.
Halley(Rapid City)	1.5 NNE,riv SE	3300	40 S6	73 oct.
(P) Mobridge	1.2 NW,RR SW	1621	31 S4	80 oct. Poleline E,NE
(P) Newell	0.2 N	2825	30 S2	73 oct. Poleline SE,W, N, NW.
Philip,31,CX-HR	3.6 E,RR S	2210	40 R1 L3 S6	80 oct. No sto. Poleline N
PIERRE	3.5 NE,riv SE	1742	72h R1 S1	80,91 oct.
(A) Rapid City AAB(A)	8 NE,RR S	3242	83h R2 L5 S4	73,91,100 oct,IP-L
Rushmore(Rapid City)	5 ENE,RR S	3150	31 S6	70 oct.
Hettinger (N.D.)	1 NNW;RR S	2675	32 S2	80 oct. N,NW bldg,P-line NE
Portal (N.D.)	0.5 S;hwy E	1970	28	Poles E. ARPT OF ENTRY.
Bottineau, (N.D.)	1 N;RR W	1645	35 S1	80 oct. E,W,N,SE bldg.
Sherwood (N.D.)	2 N;hwy E	1650	26 S2	80 oct. Pole E. Use strips only.
Wright(Williston,N.D.)	3.2 N	1950	32 S6	80,91 oct. P-line S,W. Use strips only.
Harding Co.(Buffalo,S.D.)	0.5 E;riv 0.5 S	2950	21	
McIntosh (S.D.)	1.3 E;lk SW			ABANDONED.
Universal(Bison,S.D.)	0.8 N;bldg 0.5 SE	2600	24 S2	71 oct. Use strips only
Rebenberg (Selby,S.D.)	2 S;hwy W	1790	30 S2	80 oct. Use strips only.
Lemmon (S.D.)	3 SE;hwy 1 N	2518	26 S6	80 oct. Use strips only. P-line SW.
Selfridge (N.D.)	2 SW;RR 2 E	2100	24	

L-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing. (See page 111.) NC-(not charted). → New or revised data.

10 BISMARCK


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)
R EXTREMELY HAZARDOUS
U USABLE WITH CAUTION
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
105°
104°
103°
102°
101°
100°
49°
48°
47°
46°
45°
44°
25
50
MILES
STATUTE
CROSBY
PORTAL
SHERWOOD
PLENTYWOOD
BOTTINEAU
MOHALL
121
211
TOWNER
RUGBY
PORT O'MINOT
MINOT
209
WRIGHT
CHANDLER
WILLISTON
PARSHALL
MILLER
SIDNEY
WATFORD CITY
31
301
FARGO 11
167
ILO
WASHBURN
DICKINSON
308
(116.1)
BISMARCK
230
(116.1)
GLENDIVE
GLEN ULLIN
BEACH
GOLVA
WORTH
DRISCOLL
MILES CITY
320
69
GLEN 2
256
80
250
238
100
NEW ENGLAND
DICKINSON
BISMARCK
BAKER
WYBLAN
RHAME
BOWMAN
347
HETTINGER
SELFRIDGE
LEMMON
MONT
N.D.
S.D.
BILLINGS 7
HARDING CO.
UNIVERSAL
MOBRIDGE
EIBENBERG
TO JAMESTOWN
MINNEAPOLIS
DENVER
MONT.
WYO
S.D.
168
165
BLACK HILLS
NEWELL
RUSHMORE
RAPID CITY
221
(116.1)
PIERRE
347
(116.1)
144
GERONIMO
KADOKA
RAPID CITY AAB
396 (126.1R)
246
PHILIP
206
(116.1)
PIERRE
348
HIGHLIGHT
66
CHART 25

FARGO 11

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

E: EXTREMELY HAZARDOUS U: USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 4 QUADRANTS.

ROLLA
LANGDON
CANDO
DEVILS LAKE
BELL
MADDOCK
HARVEY
NEW ROCKFORD
MOHR
MATHENY
JAMESTOWN
DAWSON
BISMARCK
ASHLEY
ABERDEEN
LISBON
BRITTON
WEBSTER
EDDENFELT
GETTYSBURG
DEITER
HURON
MILLER
PIERRE
CARTHAGE
OLDHAM
LAKE PRESTON
SISSETON
GRACEVILLE
ORTONVILLE
MILBANK
WHEATON
ABERCROMBIE
STATE SCHOOL OF SCIENCE
FERGUS FALLS
WAUENA
TWIN VALLEY
WEST FARGO
VALLEY CITY
WHEATLAND
BARNESVILLE
ROSEAU
PARK RAPIDS
DETROIT LAKES
CROOKSTON
ERSKINE - GUNTHER
THIEF RIVER FALLS
ALEXANDRIA
APPLETON
BENSON
MORRIS
GLENWOOD
WILLMAR
MONTEVIDEO
MADISON
WATERTOWN
LAKE POINSETT
MARSHALL
LAKE BENTON
BROOKINGS
WESTBROOK
REDWOOD FALLS
SIOUX FALLS
SMITTY SKY RANCH
FLANDREAU

PEMBINA 260
GRAND FORKS 278
JAMESTOWN 344 (116.1)
FARGO 365 (116.1)
FARGO 388 (118.7)
BISMARCK 230
ASHLEY (W) 206
ABERDEEN 329 (116)
HURON 353 (111.1, 116.1)
PIERRE 347
WATERTOWN 382 (116.1)
WILLMAR 254 (116.1)
ALEXANDRIA 239 (116.1)
SIOUX FALLS 245

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA.

STATUTE MILES 0 25 50

CHART 26

RADIO — MINNESOTA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALEXANDRIA	239(AE)(116.1)	BMLZ-DTV,186°,2	(4); 116.1
BARNESVILLE FM	(- -)	FM, 127°, 26	Fargo, N.D.
WILLMAR	254(IW)(116.1)	SBMRAZ-DTV,357°,3.3	(4); 116.1
NORTH DAKOTA			
ASHLEY (Int.)	206 (AI)	MHW	(Cont.)
FARGO	365(FO)(116.1)	SBRAZ-DTV;263°,0.9	(3); 116.1
Fargo-Hector Arpt	388(118.7)	C	(4);118.7,122.5
GRAND FORKS	278 (GF)	BMLZ-DT,350°,3.4	(4)
JAMESTOWN	344 (JM)(116.1)	SBMRAZ-DTV,253°,1.5	(4); 116.1
PEMBINA (Int.)	260 (PB)	SBMRAZ-DT,350°,1.6	(4)
WEST FARGO LFM	(- - -)	LFM, 260°, 5.5	Fargo.
WHEATLAND FM	(. - - - -)	FM, 260°, 25.5	Fargo.
SOUTH DAKOTA			
ABERDEEN	329 (AN)(116.1)	SBRAZ-DTV,341°,2.5	(4);116.1,122.1
HURON	353(HR)(vhf)	BMRLZ-DTV,44°,2.7	(4);116.1,122.1
WATERTOWN	382 (WU)(116.1)	BMRLZ-DTV,256°,2.8	(4);116.1,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — MINNESOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Alexandria	1.5 SSW,lk NW	1423	57h R1 L5 S6	80,91 oct. No sto. Fld lgts
Appleton	1.9 NNE,riv S	1010	34 S6	80 oct. No sto. [illegible] on req.
Benson	2.4 NW	1031	22 S2	80 oct. P-line S,SE,SW
Crookston	3 NNW,RR N	875	30 S6	80 oct. No sto. Obst
➤ Detroit Lakes	2.7 W,RR N	1392	35 S6	80 oct. P-line N. [illegible] sur fld.
Fergus Falls	4.3 W;riv E	1160	20 S6	80 oct. Poleline W
Graceville	0.8 WNW,RR S	1110	18 S1	80 oct. P-line S.
Madison	1 S, hwy W	1086	31 L3 S6	80 oct. P-line N,S,W.
(P) Marshall	1.5 W;RR S,E	1167	30 L1 S6	80 oct. P-line S.
Montevideo	2.2 NNE;hwy W	950	25 S1	80,91 oct. P-line NW.
(P) Morris	2.7 WSW,RR N	1134	3[illegible] S6	80 oct. P-line NE
Ortonville	1 ESE,hwy S	1090	30 S1	80,91 oct. P-line SE.
Park Rapids	1.7 SSW,RR E	1440	30 S6	80 oct.
Redwood Falls	1.8 NE,riv NE	1025	25 S1	80 oct. Poleline SE,SW.
➤ Thief River Falls	3.6 S, riv W	1110	26 S4	80 oct. Trees NW,W.
Wadena	1 E,RR NW	1300	30 S4	80 oct. No sto. P-line S,NW
Westbrook	1 SE,hwy N	1500	18 S1	80 oct.
Willmar,16,HR-MP	1.5 W,RR E	1130	30 R1 L3 S6	80 oct. P-line E.
NORTH DAKOTA				
Abercrombie	1.7 SSW,riv E	949	24 S1	80 oct. Poleline E.
NEW AIRPORTS				
Oldham (S.D.)	1 ESE	1668	25	Use strips only. Poles N.
Gettsburg (S.D.) (S.D)	1.5 S;dams 1 SW	2082	27 S4	80 oct. Use strips. Poles S,W
Lake Poinsett(Arlington)	4.3 ESE;lk,hwy E	1680	22 S2	80 oct. Use strips. Poles SE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing.
(See page XIII) (NC)-not charted ➤ NEW OR REVISED DATA

NORTH DAKOTA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Ashley Int,40,OH-RK	1 SE,hwy N	2026	40 L3	
Cando	1.1 SW,RR E	1490	28 S4	80 oct. No sto.
★ Dawson Int,63,HL-Twin Cities	1 SW,RR N	1760	34 L2	
(P) Devils Lake	2.5 W,hwy S	1450	46h L S6	P-line W. 80,91 oct. Port lgts on req.
(NG) FARGO-HECTOR (Fargo)	2.9 NNW,RR SW	899	50h R2 L5 S6	73,80,91 oct;100 oct,JP-1 (S4) N.G. Army.
(P) GRAND FORKS	2.6 WNW,RR S,E	837	49h R1 L5 S6	80,91 oct. ARPT OF ENTRY.
Harvey	1.9 N,RR SW	1605	27 S1	80 oct.
(P) Jamestown	1.5 NE,hwy S	1498	58h R1 L3 S6	80 oct.
Langdon	1 W	1608	24 S1	80 oct. P-line N,NW
Lisbon	0.8 SSW	1151	21 S1	73 oct. Polelines N,S. Tank NE.
(P) Matheny (Carrington)	1.3 W,RR N	1580	32 S6	80 oct. No sto. Poles NE,NW.
Mohr (Fessenden)	1.5 SW,RR NE	1620	22 S1	80 oct. [illegible] W,SW,NW
New Rockford	1.5 N,RRW	1533	32 S6	80 oct. No sto. P-lines E,
★ Pembina Int,14,FO-WG	1 S,RR W	792	28 R1 L3 S4	80,91 oct. ARPT. OF ENTRY
Rolla	1.5 N;hwy E	1850	25 S4	80 oct.
St.School of Science (Wahpeton)	0.8 N,RR W	964	30 S6	80 oct. Poleline N;pwrline E.
(P) Valley City, 71	1.5 NW,riv NE	1375	38h L1	(HL-Twin Cities)

SOUTH DAKOTA

(P) ABERDEEN	2.9 E,RR N	1299	49h R1 L5 S6	80,91 oct. P-line SE,S.
Biedenfelt(Faulkton)	2 S;rd,RR E	1590	26 S1	73 oct. Poles E.
Brookings	2.5 SSE,hwy W	1600	26 S4	80 oct.
Dieter (Redfield)	6 E;RR S	1300	25 S1	80 oct. P-line sur fld exc.
Flandreau	3 S;hwy N,E	1575	27 S1	80 oct. Poles sur fld E,W
(P) Huron	1.3 NNW;RR SE	1287	43h R1 L3 S6	73,80,91 oct. P-line W.
Madison	3.7 ENE,hwy S	1688	26 S2	80 oct. Trees W;pole NW
★ Miller,Int,44,CX-HR	5.6 S,hwy E	1735	37 L2	
Redfield (NC)	1 SSW;hwy E	1300	25	Pole line E. Use strips.
WATERTOWN	2 NW,RR NE	1736	49h R1 L5 S6	80, 91 oct.
Webster	3 S;hwy W	1848		Poles NE,W,NW Use ctn
(P) W.W.HOWES(Huron)	See Huron above in alphabetical order - name changed.			
NEW AIRPORTS				
Carthage (S.D.)	0.3 S,RR E	1440	22 S4	80 oct. Poles NW,SW.
Eureka Mun.(S.D.)	2.2 NNW,RR E	1910	23 S1	73 oct.
Sisseton Mun.(S.D.)	2.9 ENE,RR S	1210	30 S2	80 oct.
Milbank (S.D.)	3.8 ENE	1150	26 S2	73 oct. Pwr line SE,NNE.
Britton Mun.,(S.D.)	2 NNE;RR W	1350	24 S1	73 oct. Poles W.
Twin Valley Farm	1 W	1050	24 S1	80 oct. (Minn.)
Maddock, (N.D.)	1 N;hwy W	1650	23	Rough.
Roseau (Minn.)	1.6 NW;hwy S	1040	35 S1	80 oct. Pwr line N,W,NW.
Lake Benton, (Minn.)	7 NNW	1759	20 S1	80 oct.
Glenwood, (Minn.)	3.2 E;hwy N	1400	26 S1	80 oct. Allway fld. N,NE,
Smitty Sky Ranch,	6.5 NNW	1817	22 S1	73 oct. (Minn.) NW blkd.
Dell (Devils Lake,N.D	2 SSE;	1478	30 S6	80 oct. (Minn)
Erskine-Gunther	2 [illegible]; lake E	1150	23 S1	80oct. P-line ENE(Erskine,
Lake Preston (S.D.)	1.2 ENE;lk N	1725	18 S2	80oct. Stacks E. Rough. Poles
Wheaton (Minn)	3.0 SW;crk N	996	20 S1	80 oct.
Tracy (Minn)	1.2 NE;hwy S	1338	23 S1	80 oct.

MINNEAPOLIS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aitkin Mun. (Minn)	1.7 ENE;riv W	1208	26 S1	80 oct.
Amery (Wis)	3.4 NNW;lk SW	1100	26 S6	80,91 oct.SE blkd.
Anderson (Cocato, Minn)	2.6 ENE;RR S	1020	23 S1	80 oct.Poles S;trees W.
Anoka Flying Service (Minn)	1.2 SE	896	19 S6	73,91 oct.Poles NE;twr SE
Arrowhead (Rice Lake, Wis)	2 SSE;lake S	1190	24 S4	80 oct.Use lndg strips only
Ashland (Wis)	2.5 SSE;RR E	700	19 S2	80 oct.Use strips only.
Barron (Wis)	1.1 ENE;riv W	966	26 S2	80 oct.E blkd.P-line W.
Baudette (Minn)	0.8 NW;riv N	1080	27 S4	80 oct ARPT OF ENTRY
(P)Bemidji (Minn)	3.8 NW;hwy S	1395	57h S6	80, 91 oct.
Bemidji-Port-O-Wilds (Turtle River, Minn)	1.2 NW;lake W	1350	23 S1	80 oct.P-line NE.Use strips only.
Bleick (Fairfax, Minn)	2.5 N	1050	18 S1	80 oct. P-line E.
(P)Bong (Superior, Wis)	2.3 S; RR E	674	33 S6	80 oct.P-line SE.Twr NW
Boyceville (Wis)	0.5 E;RR N	948	21 S2	80 oct.P-line W,N,NE Use
Boyd's Mason Lake(Fifield,Wis)	13 WSW;lk NW	1200	30 S1	80 oct.N,E,W blkd. strips
Brainerd (Minn)	1.3 SSE;hwy W	1210	25 S6	80 oct.
Burnett Co. (Siren, Wis)	2.6 NNE;hwy E	988	39h	Trees SW,NW.RR W.
(A)Camp Ripley (Little Falls,Minn)	7.5 N;riv E	1149	70	Water twrs SE. (A)
(P)Carleton (Stanton, Minn)	0.7 NE;RR W	870	30 S6	80 oct.Flares on req.Obst
Chetek (Wis)	1.5 SE;lake E	1050	22 S2	80 oct.P-line S, sur fld SE. Use strips only.
Chippewa Falls (Wis)	2 S; RR NW	910	26 S6	80 oct.P-line SW,W NW,S
Colby-Abbotsford (Colby,Wis)	1.2 NNW;RR E	1400	26 S4	80 oct.P-line NNE. blkd.
Coleraine (Minn)	0.8 SSE;lk SE	1390	25 S4	80 oct.
Crosby (Minn)	0.5 NE	1266	25 S1	80 oct.P-line SSE.
Cumberland (Wis)	3 SE;lake NE	1175	26 S4	80 oct.N,S blkd.
Dallas (Wis)	0.7 SSE;RR W	1100	26 S2	80 oct. S blkd.
DULUTH Range (Minn)	221 (DH)(116.1)	13°,3.9	SBRAZ-DTV	(4); 116.1
(P)Duluth (Minn)	6.5 NNW;hwy S	1428	57h S6	80,91 oct.Clsd ngts,except airlines.ARPT OF
Eau Claire (Wis)	1.5 SSE;hwy N	884	31 S6	80,91 oct.Obst. ENTRY. sur field.
(P)Eau Claire Mun. (Wis)	3.5 NNE;riv N,W	885	43h	Trees SW.
Eau-Claire Sky Park (Wis)	2.0 SSW;RR W	886	28 S4	80 oct P-line S,SE Trees
Ely (Minn)	1.2 E	1425	24	Trees sur fld SW,NW. Not maintained.
Faribault (Minn)	1.6 S;hwy W			,PANDONED.
(N)Fleming (So.St.Paul, Minn)	1.8 S;riv NE	822	15h S6	80 oct.Flares prior req.
Flying Cloud (Minneapolis,Minn)	13.8 SW;riv S	900	30 L1 S6	80 oct.P- line S, NE. Rdo rprs.
Gervais (Tofte, Minn)	1.2 NE;hwy S	800	28 S5	80 oct.
Gogebic Co.(Ironwood,Mich)	4.5 NNE;RR S	1246	24 S4	80 oct.Poles S.Soft when
Grand Rapids (Minn.)	1.5 SSE;lk NE	1293	25 S6	80 oct. wet
Grantsburg (Wis)	1.5 NNE;riv S	870	13 S2	80 oct.Trees NE,SW Use
(P)Hayward (Wis)	2 NE;RR NW	1200	30 S4	80,91 oct. strips.
Hector (Minn)	0.7 S;RR N	1100	25 S1	80 oct.P-line W,NW,SW.
Heywood Gull Lake (Nisswa,Minn)	1.7 SSW;lk S	1200	18 S2	80, 91 oct.
(P)Hibbing (Minn)	4.5 SE	1367	40h L4 S6	80,91 oct.Lgts on req.
(P)Hincks (Monticello, Minn)	1.3 NNE;riv SSW	940	44 S6	80 oct.P-lines S,SW.
Holcombe (Wis)	0.5 NNE;riv W	1038	14	P-line NNE;bldgs SSW.
Hudson Flying Service (Wis)	3.8 E;hwy N,W	850	18 S1	80 oct.P-line NE,SW.Ctn.
Hultquist's Sky Ranch (Minong,Wis)	1.9 W;lk W	1180	13 S4	80,91 oct.Trees S,N.
Hutchinson (Minn)	2.5 SSE	1052	28 S1	80 oct.
(P)International Falls (Minn)	2.2 S	1175	30h S4	80 oct. ARPT OF ENTRY.
Jackson Co.(Black River Falls,Wis)	2 E; RR W	855	28 S6	80 oct.P-line W,NW,SW.
← Kentoby (Annandale, Minn)	See Toby under "New Facilities"- name changed.			
Kenyon (Minn)	0.8 S;RR E,N	1240	20 S1	80 oct.P-line N,NE.
(P)Lake City (Frontenac, Minn)	0.5 SE;RR N	775	44 L3 S6	80 oct.
Le Sueur (Minn)	1.1 S;riv W	900	24 S4	80 oct. Rolling.
Litchfield (Minn)	1.2 NE;hwy N,W	1140	24 S2	80 oct.
Littlefork (Minn)	1.8 WNW;riv E	1153	19 S2	80 oct. P-line S.
Mankato (Minn)	1.7 SE;hwy W	996	29 L1 S6	80,91 oct.P-line NE,SE. Flare pots on req.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 S6	80 oct.Flare pots in emer
Menomonie (Wis)	3.2 NE;RR N	2895	26 S1	80 oct.Obst sur fld.
Miller (Garrison, Minn)	1.4 N	1264	22 S1	80 oct.
MINNEAPOLIS Range (Wold Chamberlain (Minn)	266 (MP)(116.1)	298°,3.6	SBRAZ-DTV	(3); 116.1
Neilsville Memorial (Wis)	5.7 W;hwy SW	1000	24 S1	80 oct.Trees sur fld.
New Richmond (Wis)	3.5 ENE;RR S	990	24 S1	80,91 oct.Bldg E;trees W.
(P) New Ulm (Minn)	1.8 W;RR N	1000	32 S1	80 oct.P-line N;hwy N.
Northport (White Bear Lake,Minn)	3.2 E;lake W	1000	22 S6	80,91 oct.
(P)Otis Lodge (Grand Rapids,Minn)	7.5 SW;lake S	1293	26 L1 S4	80 oct. Seaplane base S.
Owatonna (Minn)	2.9 NW;hwy E	1143	23 S6	80 oct.
(P)Phillips (Wis)	1.2 N;riv S	1440	30	P-line W,SW.
Pine Beach (Brainerd, Minn)	8.8 WNW;lk N	1250	21 S1	80 oct.P-line NW,W,SE,E.
Pines (Bloomer , Wis)	0.9 E; RR W	1050	16 S2	80 oct.Poles S,W.Rough.
Pleasant Corners (Dodge Ctr,Minn)	2 ESE;RR N,W	1050	13 S1	80 oct.Poles S. W blkd.
← Price Lake (Phillips, Wis)	12.5 WNW	1420	22 S1	80,91 oct.Trees on all but
Princeton (Minn)	1 NNW;riv N	976	21 S4	80 oct.Trees lake appch N, W. Use strips only.
Rainbow (Winter, Wis)	4.2 WSW;riv S	1265	26 S1	80 oct.W appch hazardous.
Red Wing (Minn)	2.5 NE;hwy N,W	790	21 S1	80 oct. Strip rolling.
Rice Lake (Wis)	3.5 NNE;RR W	1150	37 S4	80 oct.Poles sur fld.
River Falls (Wis)	0.5 NW;riv,RR E	865	18 S1	80 oct.P-line N,S;trees E.
Robbinsdale (Minn)	0.8 NW;RR E	879	14 S6	80 oct. Obsts N,S.
Rusk Co. (Ladysmith, Wis)	2.8 SE;RR SE	1150	25 S2	80 oct.Use strips only.
(NG) St. Paul (Minn)	1.5 SE;riv E,N	704	55h L4 S6	80,91 oct. 100 oct. NG.
St. Peter (Minn)	2.4 NNW;riv E	900	20 S4	80 oct. P-line S.
Sand Creek (New Auburn, Wis)	7 WSW;riv E	990	26 S1	80 oct.Trees N. S blkd.
(P) Schlosser (Durand, Wis)	2.4 NNW;riv W	800	32 S2	80 oct. P-line NE.
Sells Fly. Field (Mayer,Minn)(NC)	0.4 SSE	750	12 S6	80 oct.Hill N end. Ctn.
Sky Harbor Lodge (Pine Riv.,Minn)	1 NE;lake NW	1340	26 S1	80 oct.P-line N,S,W.Trees
Sky Haven (Eau Claire , Wis)	5 SW;riv,RR W	940	31 S6	80 oct.P-line S,SW. E
Shell Lake (Wis)	1.2 SE;RR W	1214	29 S1	80 oct.Trees N,NE,S.
Spencer (Wis)	0.5 WSW;hwy N		22 S2	80 oct.Fence S,SW.Data unv
Spooner (Wis)	5 N;lake NW	1072	26 S1	80 oct.Trees S.Use strips.
Springfield (Minn)	0.5 W;hwy N	930	22 S1	80 oct.P-line ENE,E,ESE.
Staples (Minn)	1.5 NNW	1298	32 S1	80 oct.Use strips. WNW.
Taylor County (Medford, Wis)	2 SE;riv NW	1400	21 L S1	80 oct.P-line N.Flares on
Thorp (Wis)	1.4 SSW	1225	20 S1	req.
Thorp City (Wis)	0.6 SSE;RR N	1225	22 S1	80 oct. Hwy N.
Todd (Brainerd, Minn)	1.5 NW;riv SE	1250	26 S1	80 oct.
Union (Iron River, Wis)	2.2 WNW;RR S	1100	19 S1	80,91 oct.E blkd.Use strips
University of Minn. (New Brighton) Minn)	3.8 N;hwy W	909	34 S6	80 oct.Trees E.P-lines W, NW,SW,N.
Victory (Minneapolis, Minn)	9 N; riv E	860	39 S6	80,91 oct.P-line SW.
Virginia (Minn)	2 WSW;bet RRs	1429	35 S4	80,91 oct.P-line N.
Waseca (Minn)	0.5 S;RR NW	1150	39 S2	80 oct. P-line N.
(P)Whitney Mem'l (St. Cloud, Minn)	1.5 NNW;riv E,N	1034	35 L3 S6	73, 80 oct.P-line S.
Winona (Minn)	4.5 WNW	670	24 L3 S6	80,91 oct.Hwy NW.
WOLD CHAMBERLAIN Tower (Minneapolis, Minn)	278 (126.18, 118.3)+		AC (ILS)	(4); 122.5,126.18,118.3
(A,N)[Wold-Chamberlain] (Minneapolis, Minn)	6.5 SSE;hwy S	834	59h L4 S6	80-100 oct.JP-1.Rdo rec. rqrd.N blkd.Ltd maint.fac for mil.acft

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WOLD CHAMBERLAIN	109.9 •—•—	333.8	354°	MM- •—•—(0.70)	OM- ——(4.7)	
				MMK- 201 •••	OMK- 219 ——	

NEW FACILITIES

Owen (Wis)	0.7 NE;RR E	1270	19 S1	80 oct.P-line N,NE,SW,W,
← Taylor Falls (Minn)	2.5 SW;riv E	950	23 S1	80 oct.P-line S,NW,NNW.
Waldoch Fld(Forrest Lake,Minn)	6.5 SW	905	22 S1	80 oct.P-line E.
Southport(Rosemount,Minn)	4.4 WSW	962	26 S4	80 oct.P-lines sur fld.
Sleepy Eye (Minn.)	3.3 SSE;lk 2 E	936	21 S1	80 oct.P-line N.
Morgan (Minn)	1.5 NNE	1025	20 S1	80 oct.P-line E
← Toby (Annandale,Minn)	1 E	1066	25 S2	80 oct.Trees NW,NE.

RADIO: S- Simul Range and Voice W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.85, 140.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on (Zulu time - First Figure is Scheduled time, Second Alternate time)

AIRPORTS: R - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
←— New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized

B-3449

14 MINNEAPOLIS

R: EXTREMELY HAZARDOUS O: USABLE WITH CAUTION

COMPULSORY REPORTING POINT ●
NON-COMPULSORY REPORTING POINT ○
(EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF BOOK INDICATE JUNCTION WITH ADJACENT CHARTS

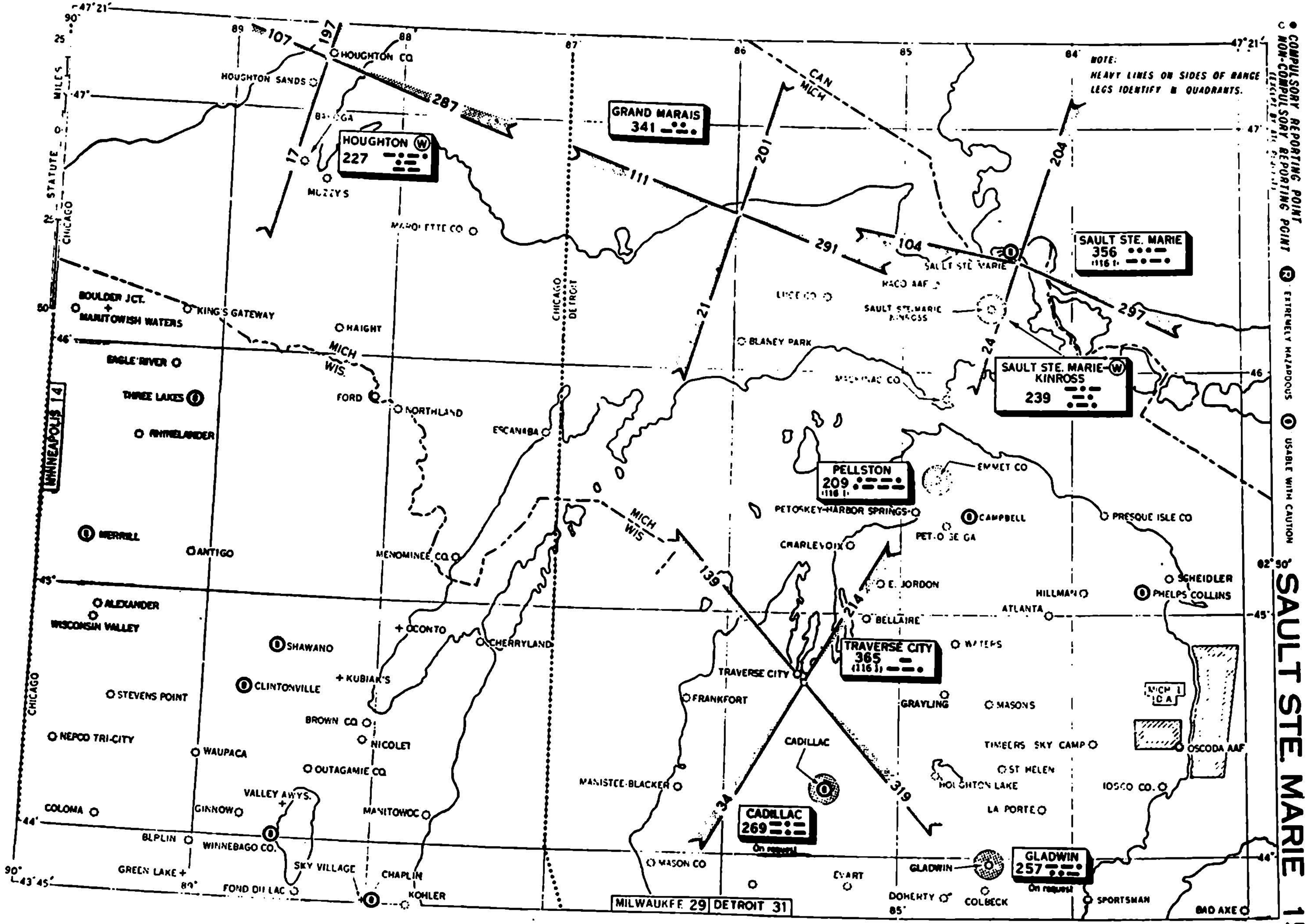
95° 94° 93° 92° 91° 90°

49° 48° 47° 46° 45° 44°

50 0 50 100 150 200 MILES
43 0 43 87 130 174 STATUTE

ALL FACILITIES IN MINNEAPOLIS FLIGHT ADVISORY AREA

BAUDETTE
INTERNATIONAL FALLS
CAN.
MINN.
LITTLE FORK
ELY
BEMIDJI-PORT-O-WILDS
BEMIDJI
VIRGINIA
HIBBING
COLERAINE
GRAND RAPIDS
OTIS LODGE
GERVAIS
DULUTH
DULUTH 221 (116.1)
SKY HARBOR LODGE
PINE BEACH
HOLYWOOD
CROSBY
AITKIN MUN.
STAPLES
TODD
BRAINERD
MILLER
BORG
UNION
ASHLAND
GOGEBIC CO.
WISC.
MICH.
CAMP RIPLEY
HULTQUIST'S
HAYWARD
SPOONER
BURNETT CO.
RAINBOW
PRICE LAKE
BOYD'S
PHILLIPS
GRANTSBURG
SHELL LAKE
ARROWHEAD
ALEXANDRIA 239
WHITNEY MEM.
PRINCETON
CUMBERLAND
RICE LAKE
TAYLOR FALLS
AMERY
BARRON
RUSK CO.
LITCHFIELD
TOBY
HINCKS
ANOKA
WALDOCH
U. OF MINN.
CHETEK
DALLAS
SAND CREEK
HOLCOMBE
ANDERSON
VICTORY
NEW RICHMOND
PINES
TAYLOR CO.
WILLMAR 254
HAMEL
NORTHPORT
BUDSON
BOYCEVILLE
CHIPPEWA FALLS
THORPE CITY
OWEN
ROBBINSDALE
ST PAUL
FLEMING
RIVER FALLS
MENOMONIE
THORPE
COLBY-ABBOTSFORD
HUTCHINSON
WOLD-CHAMBERLAIN 278 (118.3, 126.1)
EAU CLAIRE MUN.
EAU CLAIRE SKY PARK
EAU CLAIRE
SKY HAVEN
SCHLOSSER
HECTOR
RED WING
LAKE CITY
MARSHFIELD
NEILLSVILLE
BLEICK
FLYING CLOUD
SOUTHPORT
JORDAN
MORGAN
SIOUX FALLS 245
234
CARLETON
LE SUEUR
ST. PETER
NEW ULM
MINNEAPOLIS 266 (116.1)
KENYON
ROCHESTER 236
JACKSON CO.
LA CROSSE 371
236
SLEEPY EYE
SPRINGFIELD
MANKATO
WASECA
OWATONNA
PLEASANT CORNERS
WINONA
CHART 27
WISC 2 D A


COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY H QUADRANTS.
SAULT STE. MARIE 15
GRAND MARAIS 341
HOUGHTON 227
SAULT STE. MARIE 356
SAULT STE. MARIE-KINROSS 239
PELLSTON 209
TRAVERSE CITY 365
CADILLAC 269
On request
GLADWIN 257
On request
HOUGHTON CO
HOUGHTON SANDS
MUZZYS
MARQUETTE CO
CHICAGO
BOULDER JCT.
MANITOWISH WATERS
KING'S GATEWAY
HAIGHT
EAGLE RIVER
THREE LAKES
RHINELANDER
FORD
NORTHLAND
ESCANABA
CHICAGO DETROIT
MICH
WIS
CAN
MICH
SAULT STE MARIE
RACO AAF
LUCE CO
SAULT STE MARIE KINROSS
BLANEY PARK
MACKINAC CO
EMMET CO
PETOSKEY-HARBOR SPRINGS
CAMPBELL
PRESQUE ISLE CO
CHARLEVOIX
PET-O-SE-GA
E. JORDON
HILLMAN
SCHEIDLER
PHELPS COLLINS
ATLANTA
BELLAIRE
WATERS
TRAVERSE CITY
FRANKFORT
GRAYLING
MASONS
MICHIGAN
OSCODA AAF
TINEERS SKY CAMP
ST HELEN
HOLGHTON LAKE
IOSCO CO.
LA PORTE
CADILLAC
MANISTEE-BLACKER
MASON CO
EVART
GLADWIN
COLBECK
DOHERTY
SPORTSMAN
BAD AXE
MERRILL
ANTIGO
MENOMINEE CO
ALEXANDER
WISCONSIN VALLEY
SHAWANO
OCONTO
CHERRYLAND
CLINTONVILLE
KUBIAK'S
STEVENS POINT
BROWN CO
NICOLET
NEPCO TRI-CITY
WAUPACA
OUTAGAMIE CO
VALLEY AWYS.
COLOMA
GINNOW
MANITOWOC
BLPLIN
WINNEBAGO CO.
GREEN LAKE
SKY VILLAGE
CHAPLIN
FOND DU LAC
KOHLER
MILWAUKEE 29
DETROIT 31
MINNEAPOLIS 14
CHICAGO
STATUTE MILES
47°21'
90°
89°
88°
87°
86°
85°
84°
47°
46°
45°
44°
43°45'
82°30'
85°

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct Lgts prior req
Alger Co. (Munising,Mich)(NC)	4 SSE;hwy E	850	26	Twr N;woods all sides.
Amasa (Mich) (NC)	4 NW	1560	14	Not maintained.
(P)Antigo (Wis)	2 ENE;hwy N	1483	33 S4	80,91 oct.Flare pots avail.
Arbor-Vitae (Woodruff,Wis)(NC)	2.6 NW	1600	25 S2	80,91 oct.P-line N;trees E,
Atlanta (Mich)	0.8 ESE	875	22 S2	80 oct.Trees N,NW,W.|W.
Au Gres (Mich) (NC)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW N W blkd.
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct. Trees NE.
Baraga (Pelkie, Mich)	3.5 SE;hwy N	805	21 S2	80 oct P-line N;trees E,S,
(P) Beaver Island (St.James,Mich)	4.2 SSW	620	35	NW,SE blkd. (NC) |W.
(P) Bellaire (Mich)	1 NE;RR W,S	614	24 S1	80 oct P-line E,SE
Berlin (Wis)	2.9 W;hwy S	780	20 S1	80 oct SE blkd P-line SW.
Big Bear (Topaz, Mich)	2.2 S	1295	25 S2	80 oct P-line S;trees E
Big Lake (Baraga, Mich) (NC)	7.3 SW;rd W	1100	20	Trees all sides Emerg use
Blaney Park (Mich)	0.5 NW;lk N	850	18 S1	80 oct P-line E.
Boulder Junction (Wis)	1.5 NW		38 S1	80,91 oct. Data unver.
Brevort (Mich)	1.2 NW;hwy S	620	23	Emerg. use Trees E,W.
Brown Co. (Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct E,ESE,SE blkd.
CADILLAC H Fac. (Int.)(Mich)	269 (KK)		MHT	(4)
(P) Cadillac, 23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct
Calbeck (Beaverton, Mich)	0.8 SW;RR W	728	27 S2	80 oct.Poles SE;trees E,NW
Campbell Mun. (Indian River)	0.8 SE;RR,hwy W	602	20 S1	80 oct.P-line N.(Mich)
Chaplin Arpk (Plymouth, Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
Charlevoix (Mich)	0.8 SW;lk NW	642	30 S2	80 oct. P-lines S,W,NW.
(P)Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct P-line W,S Bldgs N
(P)Clintonville (Wisc)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blkd.Pwr line NE,SW,W.
Coloma (Wis)	3.0 NW;hwy E	1065	26 S2	80 oct. N,S blkd
D.A.R. (Rexton, Mich) (NC)	1.9 WSW;RR N	900	22	Poles N
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-ctn.
Eagle River (Wis) (NC)	1.3 NW;riv NW	1675	26 S1	80,91 oct. P-line E.
East Jordan (Mich)	1.9 SSE;riv W	640	26 S1	80 oct P-line E,N;trees W
(P)[Emmet Co.] (Pellston, Mich)	0.6 NW;RR E	707	54h L3 S2	80,91 oct Lgts on req.P-
Escanaba (Mich)	2 SSW	594	26 S6	80,91 oct.Trees E |line N,E
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct P-line N,S
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct P-line N,NE,NW
Ford (Iron Mountain, Mich)	2.5 W;riv W	1140	23 S6	80,91,100 oct |SE blkd.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough.
GLADWIN H Fac. (Mich)	257 (GU)		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct
→GRAND MARAIS Range (Mich)	341(IG)		BRL	3105 Oper by City
Green Lake (Wis)	4 W;hwy S	990	22 S1	80 oct. Data unver.
(P)Grayling (Mich)	1.3 NW;RR W	1152	60h S1	80 oct. Rnwy data unver.
(P)Haight (Crystal Falls, Mich)	1.3 ENE;lk E	1390	34 L1 S4	80,91 oct Bldg SW,WNW.
(P)Harbor Beach (Harbor Beach, Mich)	2.5 W;rd S	670	20 L S2	80 oct P-line NE,SE Flood lgts prior req
Harrison (Mich) (NC)	2.3 NNW;hwy E	1100	26 S2	80 oct S blkd Ctn-rough.
Hillman (Mich)	2.8 NW	995	23 S1	80 oct.Woods all sides.
HOUGHTON Range (Mich)	227 (CAM)		RL-W	Oper State of Mich
Houghton Co. (Calumet,Mich)	2 SE;RR NE	1200	26 S4	80 oct.Twrs,poles W NW
Houghton Lake (Houghton Hgts, Mich)	1 W;lake NNE	1150	27 S2	80 oct.Pole NW; |blkd. trees W,SSE,E.Rdo twr W
Houghton Sands (Mich)	2 ESE;RR SW	605	26 S3	80 oct. |N lgtd.
Ishpeming-Dexter (Mich)(NC)	7 W;RR N,S	1570	25	Poles N.
Kalkaska (Mich) (NC)	0.5 WNW;RR E	1020	26	
King's Gateway (Land O'Lakes, Wis)	0.5 SSE:RR W	1736	44 S2	80,91,100 oct.P-line SE,SW, NW. Twr NE.
(A)[Kinross](Mich)(A)	See Sault Ste Marie-Kinross under "New Facilities" - name changed.			
(P)Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct SE blkd.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Fuel Data unver.
La Porte (West Branch, Mich)	6 SE;RR W	890	26 S2	80 oct.P-line SW Rough off
Lost Creek Sky Ranch (Red Oak)	4 SSE;hwy S	1090	26 S1	80 oct. (Mich) |strips
Luce Co. (Newberry, Mich)	4.1 SE;hwy S	872	28 S1	80 oct.NW blkd.Poles SE.
				B-1465-503•

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Mackinac Co. (St.Ignace, Mich)	2 NNW;hwy E	600	26 S2	80, 91 oct.
Mackinaw City (Mich) (NC)	5 S;RR W	700	22	
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct.P-line W,SW,SSE.
Marenisco (Mich) (NC)	1.6 E;hwy N	1551	20	ENE,WSW blkd |Bndry lgts
Marquette Co. (Mich)	7.9 W;hwy S	1412	27 S2	80 oct. |inop.
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
(P)Masons (Grayling, Mich)	12 ESE;riv 2 N	1000	40 S1	91 oct.
Menominee Co. (Mich)	5 NNE;bay E	590	27 S1	80 oct. Trees sur fld.
Merrill (Wis)	1.2 NNW;RR E	1285	22 L1 S2	80 oct.Use strips only.
Mio (Mich) (NC)	1.6 N;hwy W	1050	26	Emerg. use only.
Muzzy's (L'Anse, Mich)	2.3 SSE;RR E	1008	24 S1	80 oct.Poles ENE,ESE;
Nepco Tri City (Wis.Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts |trees WNW on req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct.P-line E,W.Data unv.
(P)Northern Lakes (Manitowish,Wis)	6.8 E;hwy NE	1600	28 S4	80 oct. Trees E,W.
Northland (Norway, Mich)	1.8 ESE;RR N	1060	33 S3	80,100 oct.P-line N.
Norway Township (Loretto,Mich)	See Loretto Arpt under "New Facilities" - name changed.			
O'Conta (Wis)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver
Oconto Falls (Wis)	2.7 ENE;RR S			ABANDONED.
Onaway (Mich) (NC)	0.6 NNE;RR S	770	21	P-line SW;trees SE.
(A)Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Otsego Co. (Gaylord,Mich)(NC)	1 SW;lk 1.5 S	1384	40 S1	P-line E,NE.Trees N.
Outagamie Co.(Appleton, Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
PELLSTON H Fac. (Mich)	209(PJ)(116.1)		MHTV	(4);116.1,122.1 (6-22)
Pet-O-Se-Ga (Wildwood,Mich)	1.8 NW;lk NW	620	20 S2	80 oct. |(Emmet Co.)
Petoskey-Harbor Spgs.(Petoskey)	4.5 NE;bay W	620	24 S2	80 oct.P-line E.Trees NW
Phelps Collins(Alpena,Mich)	6.5 WNW;riv adj	685	50h L5 S4	80 oct.No bcn, |SE (Mich) bndry lgts.Lgts on req.
Presque Isle (Rogers City,Mich)	0.7 SSE;hwy E	658	26 S2	80 oct.
Prickett-Grooms (Sidnaw,Mich)	0.5 N;RR S	1300	18 S1	80 oct.Use ctn.Bldgs SE.
(A) Raco AAF (Mich) (A)	4.5 WSW;RR N	910	55h	TMP INACT.NO FACS SW.
(P) Rhinelander (Wis)	2 W;riv 1 SE	1598	37 S4	80,91 oct.Trees NW.
Roscommon (Mich) (NC)	2.5 SE;RR NE	1100	42	Trees all appchs.Emerg.
Roscommon Co.(Prudenville,Mich)	4.5 N;riv E	1150	26 S1	80 oct.Trees sur fld. |use.
St. Helens (Mich) |(NC)|	0.9 SE;RR N	1153	26	Tree all appchs Emerg.use
SAULT STE.MARIE Range (Mich)	356(VC)(116.1)	317°,2.2	SBMRAZ-DTV	(4);116.1,122.1
(P)[Sault Ste Marie](Mich.)	1 SSW;riv N	706	36 L3 S4	80,91 oct.Fld lgts on req.P-lines E,S.ARPT OF ENTRY
Scheidler (Alpena, Mich)	6.3 N;hwy NW	590	22 S4	80 oct.P-line NE,N,SW
(P)Schoolcraft Co.(Manistique,Mich)	3.3 ENE;lk S	678	31	Appchs 5:1 (NC)
Shawano (Wis)	2.3 ENE;lk NE	813	40 L S6	80,91 oct Poles SW Lgts prior req.Rnwy data unv.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct.Data unver.
Steuben (Manistique,Mich)(NC)	20 NW	850	18	Woods all sides.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
Three Lakes (Wis)	0.5 S	1664	14 S1	Fuel.Rough Obsts sur fld.
Timbers Sky Camp(So.Branch, Tomahawk (Wis) (NC) |Mich)|	0.2 NE;riv 4 E 0.5 WNW;riv N	950 1450	22 S1 15	80 oct.P-line NW.Trees NE Obsts sur fld.Emerg.use.
TRAVERSE CITY Range (Mich)	365(TG)(116.1)	319°,2.2	SBMRAZ-DTV	(4);116.1,122.1
(P) [Traverse City](Mich)	2.1 SE;RR NE	618	52h L5 S6	80, 100 oct.
Valley Airways (Neenah,Wis)	3.9 SW;RR E	760	21 S4	80 oct.P-line E;trees S.
Washington Island (Wis) (NC)		600	24	0.6 NNE of Detroit Harbor
Waters (Mich)	0.6 N;hwy W	1225	25 S1	80 oct.P-line NW.Trees sur
Watersmeet (Mich) (NC)	1.2 NNE;RR SSE	1581	22	Poles SE.Emerg.use |fld.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
(P)Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.P-line NE,N,W Rnwy data unver.
Wisconsin Valley (Rothchild,Wis)	2 S;RR,hwy W	1180	30 S4	80 oct.P-line N, NW.
NEW FACILITIES				
Loretto (Mich) NC	2.4 S;lake N	860	21	Trees on side strips.
SAULT STE MARIE-KINROSS H Fac (Mich)	239 (KNR)		HW	Civil Fac.
(A)[Sault Ste Marie-Kinross | Kinross,Mich)	2.5 SE	780	55h S1	91 oct.Army Tmp Inact.
Sportmans Fld(Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Bldgs NE,trees SW

B-1465-503•

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (6) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ↓. →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

MEDFORD

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) [Alicia] (Marysville, Calif)	3.2 SSE; RR W, E	63	60h L5 S6	80, 91 oct.
(P) Alturas (new) (Calif)	6.8 WNW	5034	63h	
Alturas #1 (Calif)	1 W; RR S	4391	30 S6	80, 91 oct P-line N, NE, SW, NW
(A) Amedee Flight Strip (Calif) (A)	4 SE; RR N	4007	70h	
ARCATA Range (Calif.)	209 (NZM)	4°, 3.0	MRL	(3). Private rng.
ARCATA H Fac. (Calif.)	414(NZ1)	310°, 0.15	H	(4); Z marker 200' from SE end Rnwy 31. Priv. H
Ash Creek, USFS (McCloud, Calif) (NC)	11.2 ENE	3850	30	Closed Dec-May. Trees SE, NW
B & H (Creswell, Ore)	3.3 SSW; RR E	620	18 S6	80 oct. Trees NNE.
* Beaver Marsh Int, 73, RV-ND (Ore)		4630	54 L3	6.2 mi SSW Chemult
Benton Arpk (Redding, Calif)	1.1 WSW; riv 1 E	719	25 L3 S6	80, 91 oct. Wires N.
Bieber (Calif)	1 NE; riv W	4155	33	Soft in winter.
(N) [Bidwell] (Red Bluff, Calif)	1.7 SSW; RR 1 E	354	40h L5 S4	80, 91, 100 oct Wires E, W. Fld lgts on req after midnight
* Blue Canyon Int, 13, SF-SL (Calif)	1.1 NNE; hwy NW	5280	34 L3	Wires N, NE RR E
Blue Star Arpk (Eagle Point, Ore)	4.5 N; hwy E		20 S2	Data unver.
Calpine (Calif)	1 SE; rd N, E	5000	29 S1	91 oct. P-lines NE
Cedarville (Calif)	0.6 S; hwy E	4260	26 S2	91 oct. P-line E. W blkd.
Cheim (Marysville, Calif)	1.5 NE; hwy S	67	30 S6	80, 91 oct. Wire SW. Levee N, P-line WSW, WNW, NE Closed to public.
Chester, USFS (Calif) (NC)	1.5 SSW; hwy NW	4525	31	
(P) [Chico] (Calif.)	5 N; hwy E	237	67h L5 S6	No flood or boundary lgts.
Colusa (Calif)	1.2 SW; RR W	47	29 S4	80 oct. P-line NNW.
Corning (Calif)	1.3 NE; RR W	300	22 L1 S6	80 oct.
Cottage Grove (Ore)	1.9 S; riv S	640	22 S1	80 oct.
* Cow Creek Int, 37B, SF-SA (Ore)	2.5 ENE Glendale	1429	24 L3	Creek S
(P) Curry Co. (Denmark, Ore)	3.8 WSW	214	51h L5	All lgts prior req.
Dalton Com. (Williams, Calif)	1 ENE; RR SW	65	26 S6	80, 91 oct. P-line SW.
(P) Del Norte Co. (Crescent City, Calif)	2.5 NW; ocean W	57	50h L1 S1	80, 91 oct
* Delta Int, 22, SF-SA (Calif)	1 SW; RR, hwy N	1320	18 L3	800-1000' mtns E, W
DONNER SUMMIT Range (Calif)	385(DS)(vhf)		BMRL-DTV	(4); 116.1, 122.1
Dunsmuir, 25B, SF-SA (Calif)	4.5 N; RR W	3240	30 L3 S2	80, 91 oct. Poles E, N lgtd.
Elk Creek (Calif)	0.7 SSE; hwy W	725	16 S1	80 oct. Obst sur fld.
Eureka (Calif)	2 W; bay E	20	24h	Not maint.
FORT JONES Range (Calif)	224 (FJ)		SRAWZ	
Fort Jones (Calif) (NC)	1.5 NW; rd NE	2745	30	P-line NW
Fortuna (Calif)	2.9 SSE; hwy W	356	31 L S6	80, 91 oct. Trees NE RR W
Garberville Arpk (Calif)	1 SW; riv, rd SE	480	12 S1	80 oct. Trees N, S
Gasquet (Crescent City, Calif)	13 ENE; hwy S	390	25	Hazardous-bad appch. USFS
Grants Pass (Ore)	1.6 N; RR W	1050	27 S6	80, 91 oct. Poles N. (NC)
Grass Valley (Calif)	0.8 W; hwy N	2600	18 S1	80, 91 oct. Trees sur fld. P-line NE
Gravelly Valley, USFS (Upper Lake, Calif) (NC)	20 N; lake S	2000	49 S2	No fuel. Road crosses NE/SW strip. Trees NE, SE, NW
Gridley (Calif)	0.7 ENE; hwy E	97	26 S1	80, 91 oct. P-line N, S.
Hayfork, USFS (Calif) (NC)	1.2 E; hwy N	2350	30	P-line W. Mtns E Clsd to public.
Humboldt Co. (Eureka, Calif)	3.6 ENE; hwy N	10	18h S6	80, 91 oct. Poles NW
Illinois Valley Landing Field (Cave Junction, Ore) (NC) USFS	4.3 SSW; riv 1 E	1350	43	Trees NNE.
Jackson Ranch (Weed, Calif)	3.7 NW; lk NNE	2975	33	Trees S.
KLAMATH FALLS Range (Ore)	242(FS)(vhf)	342°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
[Klamath Falls] (Ore)	4.9 SSE; RR NE	4084	71h L5 S5	80, 91, 100 oct. Fld lgts on req
Lakeside (Ore)	0.3 NE; RR S	20	25	P-line S. Ctn-hazardous.
Lakeview (Ore)	3.5 SW; RR 2 E	4728	53h L1 S6	80, 91 oct.
Leith's (Gold Beach, Ore)	Adj W	16	23 S1	80 oct. Data unver.
MEDFORD Range (Ore)	263(MF)(116.1)	158°, 2.4	SBRAZ-DTV	(3); 116.1, 122.1
MEDFORD Arpt Tower (Ore)	278 (126.18, 118.7)+		AC	(4); 126.18, 118.7, 122.5
(A,N) [Medford] (Ore) (NATS)	3.2 N; RR E	1329	54h L5 S4	80, 91, 100 oct.
Mendocino (Little River, Calif)	2.5 SE	572	53h S4	80, 91 oct.
Montague (Calif)	1 W; hwy S	2520	32 L3 S6	80, 91 oct.
MOUNT SHASTA Range (Calif)	278(SC)(116.1)	116°, 2.2	BMLZ-DTV	(4); 116.1
Myrtle Creek Int, 39A, SF-SA (Ore)	4 SW; riv, RR W	640	25 L3	Hill S, N Emerg. only.
Nevada City (Calif)	1.5 NW; rd S	3060	26 S4	80 oct.
(P) North Bend (Ore)	1.2 WNW; riv N	4	50h L5 S6	80, 91 oct. Trees SSE, SW, NNW
101 Hereford Ranch (Laytonville)	1 S; hwy E	1635	18 S1	80 oct. (Calif)
(P) Oroville (Calif)	3 SW; riv E	199	60h L5 S2	80, 91 oct. Port rnwy lgts, prior req.
Patrick (Chico, Calif)	2 SSE; RR E	189	34 S6	80, 91 oct. P-line NW.
Piercy (Medford, Ore)	2.6 NW; hwy E	1250	20 S6	80, 91 oct. Poles SE.
Pinnegar (Anderson, Calif)	1 S; creek N	435	23 S1	80 oct. Cattle on fld. Hill SSE
Plumas Co. (Beckwourth, Calif)	0.8 ENE; RR SW	4900	36 S6	80, 91 oct. P-line SE, S, SW
Ranchaero (Chico, Calif)	2.2 WSW; riv W	170	22 S6	80, 91 oct. P-line S. Hwy NE
RED BLUFF Range (Bidwell)	362(FH)(vhf)	323°, 2.5	SBRAZ-DTV	(4); 116.1, 122.1 (Calif)
[Redding] (Calif)	7.5 SE; riv S	500	60h S2	80, 91 oct.
REDWOOD Tower (Calif)	See Arcata under "New Facilities" - name changed.			
Redwood (Arcata, Calif)	See Arcata under "New Facilities" - name changed.			
* Roseburg Int, 41A, SF-SA (Ore)	2.4 NNW; RR E	500	38 L3 S6	80, 91 oct. Hills N, NE, S
Round Valley (Covelo, Calif) (NC)	0.7 SW; hwy E	1385	30	
Scotia (Calif)	1.5 SSE; RR N	120	25 S1	80, 91 oct. ESE blkd. Riv S
* Secret Valley Int, 52, RV-ND (Calif)	4 SE	4435	50	Day use only
(P) Shasta Sky Ranch (Fall River Mills, Calif)	1 N; hwy E	3300	33 S6	80, 91 oct. Soft. P-line W, SSW, E, ENE, S.
(P) Siskiyou Co. (Montague, Calif)	4.3 NE; RR W	2647	73h L5	
Sky Harbor (Quincy, Calif)	2.5 E; hwy S	3400	24 S2	80, 91 oct. Poles S.
Susanville (Calif)	6.5 SE; hwy SW	4150	32 S6	80, 91 oct. Pwr line N.
Sutherlin Sky Ranch (Ore)	3.8 ENE; rd E, S	575	18 S1	80 oct.
Tri-City (Riddle, Ore)	3.5 NE; RR N, W	700	19 S1	80 oct. P-line N, S.
* Truckee Int, 16B, SF-SL (Calif)	3.6 ENE; RR S	5820	34 L1	Snow Dec.-April.
Tulana (Worden, Ore)	1 S; RR NW	4080	37 S6	80 oct. Pwr line NNE.
(P) [Ukiah] (Calif)	1 S; RR E	612	40h L5 S6	80, 91 oct. Fld lgts on req. Wires NNW.
Weaverville, USFS (Calif) (NC)	1 SSE; hwy E	2040	22	30' poles S. Closed to public.
Westwood (Calif)	1.5 W; hwy N	5100	22	
White (Ft. Bragg, Calif)	1 NNE; ocean W	72	15 S4	80, 91 oct. SE, NW blkd.
WHITMORE Range (Calif)	353 (AWH)		MRLWZ	
WILLIAMS Range (Int.) (Calif)	326(WS)(vhf)	244°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
Williams Int, 9, SF-SA (Calif)	4 S; road N	139	42 L3	P-line S, W. Mtns W. N/S strip soft when wet.
Willits (Calif)	1.3 ENE; rd S	1356	18 S1	80 oct. Trees E. P-line W.
Willows-Glenn Co. (Calif)	1.3 WSW; RR E	130	45h L1 S6	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ARCATA	109.5	332.6	312°	IM- (0.14)	MM- (0.66)	OM- (4.5)
					MMK-	OMK- 404
				IM-	MM-	OM-
					MMK-	OMK-

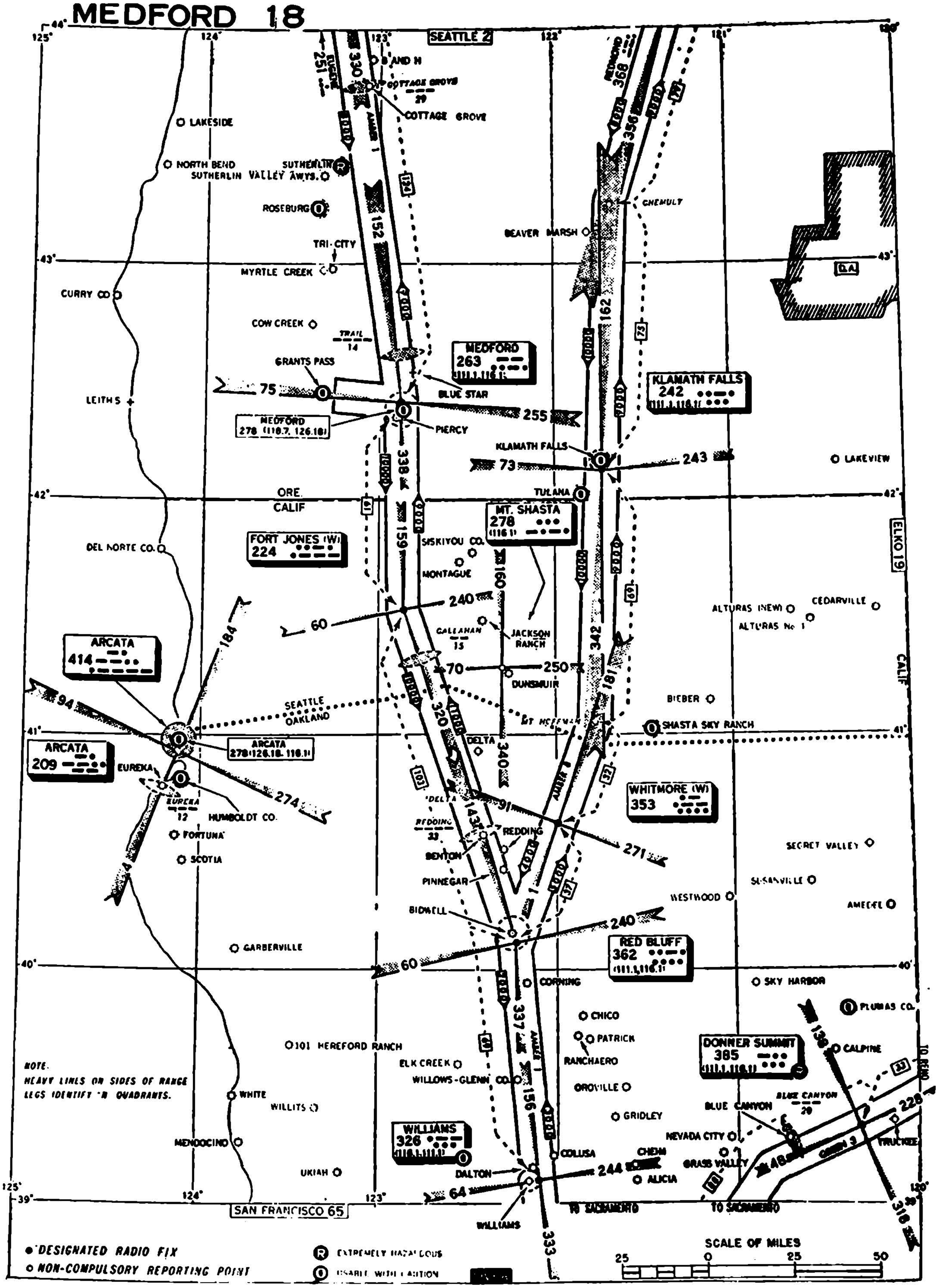
NEW FACILITIES

Sutherlin Val'y Arwys (Sutherlin, Ore)	1.0 WSW; RR E	550	25 S2	80 oct. Trees, hill S.
ARCATA Tower (Calif)	278(126.18, 116.1)		CI (ILS-W)	(3); 116.1, 126.18 (8-17)
Arcata (Calif)	7.6 WNW	217	60h L	Exten. exper lgtg. CLOSED.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4496, 6210 kcs. (4) - 3105, 4496, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII). → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

MEDFORD 18


SEATTLE 2
B AND H
COTTAGE GROVE
COTTAGE GROVE 29
LAKESIDE
NORTH BEND
SUTHERLIN
SUTHERLIN VALLEY AWYS.
ROSEBURG
TRI-CITY
MYRTLE CREEK
CURRY
COW CREEK
TRAIL 14
GRANTS PASS
MEDFORD 263
BLUE STAR
LEITH S
MEDFORD 278 (118.7, 126.1R)
PIERCY
KLAMATH FALLS 242
KLAMATH FALLS
73
243
LAKEVIEW
TULANA
ORE.
CALIF
MT. SHASTA 278 (116.1)
FORT JONES (W) 224
SISKIYOU CO.
MONTAGUE
DEL NORTE CO.
240
60
CALLAHAN 15
JACKSON RANCH
ALTURAS (NEW)
CEDARVILLE
ALTURAS No 1
ARCATA 414
70
250
DUNSMUIR
184
94
SEATTLE
OAKLAND
BIEBER
SHASTA SKY RANCH
ARCATA 209
ARCATA 278 (126.1R, 116.1)
EUREKA
DELTA
WHITMORE (W) 353
EUREKA 12
HUMBOLDT CO.
274
FORTUNA
SCOTIA
DELTA
REDDING 22
REDDING
271
BENTON
SECRET VALLEY
PINNEGAR
SUSANVILLE
WESTWOOD
AMEDEE
BIDWELL
240
RED BLUFF 362
GARBERVILLE
60
CORNING
SKY HARBOR
PLUMAS CO.
CHICO
PATRICK
RANCHAERO
DONNER SUMMIT 385
CALPINE
101 HEREFORD RANCH
ELK CREEK
WILLOWS-GLENN CO.
OROVILLE
BLUE CANYON 20
BLUE CANYON
GRIDLEY
NEVADA CITY
WHITE
WILLITS
WILLIAMS 326
MENDOCINO
COLUSA
CHICO
GRASS VALLEY
UKIAH
DALTON
244
ALICIA
64
SAN FRANCISCO 65
TO SACRAMENTO
TO SACRAMENTO
WILLIAMS
TRUCKEE
TO RENO
ELKO 19
CALIF
NOTE.
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
SCALE OF MILES
25 0 25 50

ELKO 19

●COMPULSORY REPORTING POINT
○NON-COMPULSORY REPORTING POINT
(EXCEPT BY ATC REQUEST)

: EXTREMELY HAZARDOUS

: USABLE WITH CAUTION!

SPOKANE 3

VALE

FLOATING FEATHER

BOISE 350 (111.1, 116.1)

BOISE AIRPK.

BRADLEY

MOUNTAIN HOME

BOISE AIR TERM. 278 (118.3, 126.1) (135.9)

MOUNTAIN HOME

MOUNTAIN HOME AAF

KING HILL

GLENNS FERRY

BURLEY 272

ROF DAVIS

RUPERT

ALKALI LAKE

ROME

NYSSA

PARMA

CALDWELL

RITCHEY

MEDFORD 18

OWYHEE

ELKO 391 (116.1)

BATTLE MOUNTAIN 281 (116.1)

BATTLE MOUNTAIN FLGT STRIP

WINNEMUCCA

SEATTLE OAKLAND

HUMBOLDT 209 (116.1)

BATTLE MOUNTAIN

ELKO

CARLIN 19

WENDOVER

RENO 254 (116.1)

LOVELOCK COM.

LOVELOCK

BUFFALO VALLEY

HUMBOLDT

RENO SKY RANCH

RENO ARB

SPARKS

WADSWORTH

FERNLEY

FALLON

LAHONTAN

HUBBARD 278

LAHONTAN FLGT. STRIP

FALLON 230

AUSTIN OLF

SALT LAKE CITY OAKLAND

CARSON CITY

DONNER SUMMIT

VERDI

NEV CALIF

SALT LAKE CITY 22

FRESNO 69 LAS VEGAS 71

RADIO — IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BOISE (Air Terml)	350(BE)(vhf)	SBRAZ-DTV;110°2.5	(3);116.1,122.1
BOISE AIR TERMINAL	278(126.18) (118.3)	TAC	(4);126.18,118.3,122.5
EAGLE FM	(- - - -)	FM, 301°,11.5	Boise
MOUNTAIN HOME FM	(- -)	FM, 110°, 41	Boise

NEVADA

BATTLE MTN.	281(BP)(116.1)	BMRLZ-DTV, 301°, 5.5	(4), 116.1
CARLIN FM	(- - -)	FM, 230°, 19	Elko
DEETH FM	(-)	FM, 39°, 30.5	Elko
ELKO	391(EL)(116.1)	SBRAPZ-DTV, 200°, 0.8	(4), 116.1
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
HUMBOLDT (Int.)	209(HD)(116.1)	BMRLZ-DTV 228°, 2.6	(4);116.1
RENO (Hubbard)	254(RP)(116.1)	SBRAZ-DTV 161, 3.3	(4), 116.1
WADSWORTH FM	(-)	FM, 48°, 27	Reno

NEW RADIO FACILITIES

HUBBARD (Reno)	278	CI	(4)(5-20 Wed,Sat,Sun; 8-16 other days.)

S-Simul Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker;(3) 3105, 4495, 6210 kcs;(4) 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — IDAHO

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bennett Flight Strip (Anderson Dam)	2.7 S,RR SW			ABANDONED
Boise Airpark	1.8 WNW;hwy W	2660	25 S6	80 oct.Right traffic when land. to NNW.
Bradley (Boise)	3.3 WNW,riv NE	2637	30 S6	80,91 oct.Trees SE.
(P) Caldwell	1.3 W,RR N	2370	32 S6	80,91 oct.Trees NW, bldg NE.
Emmett	2.6 SW, RR NW	2300	28 S6	80 oct.Trees WNW.
Floating Feather (Eagle)	2 E;riv 1.5 S	2635	39 S6	80 oct.Trees SW,hill NE.
(P) Glenns Ferry	1.3 WSW;RR N	2556	34 S1	Ltd 80 oct.
GOWEN (Boise)	See Boise Air Terminal under "New Arpts"-name chg.			
(A) Mountain Home AAF	10.7 WSW	3004	100h	TMP INACT NO FACS
" Site 25,SL-PO	2 WSW	3240	48 L3	
Nyssa Arpk.(Parma)	6.1 NNW,RR W	2200	28 S4	80 oct.No sto.
Parma	0.6 SSE;RR NW	2225	26 S1	80 oct.
Ritchey (Nampa)	2 E,hwy N	2535	28 L3 S6	80 oct.No bcn.Lgts prior req.

NEVADA

AIRPORT - CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Austin OLF	7 WSW,riv NW	5730	60h	
Battle Mtn.	1.5 WSW,hwy N	4521	24 S2	73, 91 oct.
(P) " Flgt Strip,35, SF-SL	4 SE,RR N	4521	73h R1 L3 S1	
★ Buffalo Valley Int, 32, SF-SL	15 W Bailey	4664	34 L2	
Carson City	3.1 NE,hwy W	4684	52 S6	80,91 oct.Mts N,hill W.
(P) ELKO-KEDDIE	1.8 W,RR S	5066	62h R1 L5 S4	80,91,100 oct.Hills SE.
★ Fernley Int,22,SF-SL	3.3 E,hwy NW	4156	27 L2	
(N) Fallon	6 SE,hwy S	3931	70h L5 S4	80,91 oct.
HUBBARD (Reno)	3.4 SE;hwy W	4404	64h R2 L5 S4	80,91 oct.
★ Humboldt Int,28B, SF-SL	14 S Rochester	4130	35 R1 L3	
Lahontan (Fallon)	1.4 SSW,hwy N	3980	24 S4	80 oct.Poles ENE,WSW
(P) " Flgt Strip	15.5 S,hwy N	4279	72h	(Fernley)
Lovelock	1.5 ENE,riv W	3986	37 S4	80,91 oct.
(P) " Site 26,SF-SL	9 SSW,RR NW	3906	55h L5	
Orovada (NC)	1.2 W,hwy E			ABANDONED
Owyhee Flight Stp.	4.8 W	5379	67h	
(A) Reno AAB (A)	10.5 NNW,RR SW	5018	76h	Mts sur fld CLOSED
Reno Sky Ranch (Sparks)	8.5 NNE,hwy W	4528	50 L S6	80,91 oct.Flare pots on prior req.
Sparks Airpark	0.6 N,RR S	4400	33 S6	80,91 oct. P-line W,SE.
Winnemucca	1 NE,RR NW	4303	31 S4	73 oct.
(P) " Site 32A,SF-SL	6 SW,RR N	4303	51h L5	
Yerington	1.2 N,RR W	4483	50 S1	73 oct.

OREGON

Alkali Lake Flgt Strip	7.5 N	4313	62h	
Burns	5.1 E	4141	51h L5	Contact lgts prior req
Roe Davis (Burns)	0.6 WSW,RR SE	4165	31 S6	80 oct.
Rome Flgt Strip	23.9 SW;hwy E	4050	60h	Emerg only.
Vale	1.2 SSW;rvr E	2250	23 S2	80 oct. P-line NE.

NEW AIRPORTS

(NG) BOISE AIR TERMINAL, (Idaho)	4.5 SSW	2858	77h R2 L5 S6	80,91 oct. Ltd 73,100 oct;minor repairs for NG.

h-hard surfaced runways, R-radio facilities, L-lighting facilities, S-servicing, (see page XIII)NC)-Not charted → NEW OR REVISED DATA

RADIO

IDAHO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURLEY	272(BX)(116.1)	SBRAPZ-DTV;200°,2.7	(4);116.1,122.1
GOODING (new)	215(GG)(116.1)	BHTV	(4);116.1,122.1
IDAHO FALLS (Mun.)	359(IF)(116.1)	SBMRAZ-DTV;192°,2.6	(4);116.1,122.1
MALAD CITY (Int.)	314(WT)(116.1)	SBRAZ-DTV;131°,3.4	(4);116.1,122.1
POCATELLO	257(PQ)(vhf)	BMRLZ-DTV;56°,2.5	(4);116.1,122.1
STREVELL	335(TV)(116.1)	MHPV	(4);116.1
[redacted]			
CORINNE FM	(- - - -)	FM, 332°, 23	Ogden
DELTA	212(VZ)(vhf)1)	SBRAZ-DTV, 7°, 3.6	(4);116.1,122.1
FAIRFIELD (Int.)	362(JL)(vhf)	BMRLZ-DTV,2°,4.4	(4);116.1,122.1
HILL,(Ogden)	396 (126.18)+	CA	(4),4220;126.18
HUNTSVILLE FM	(-)	FM, 64°, 19	Ogden
LAYTON FM	(- - - -)	FM, 329°, 18	Salt Lake City
LUCIN (Int.)	302 (JB)(116.1)	BMRLZ-DTV;156°,2.4	(4); 116.1
OGDEN (Robert H. Hinckley)	263 (OG)(116.1)	SBRAZ-DTV,107°,3.4	(4); 116.1
RIVERTON FM	(- -)	FM, 163°, 19.5	Salt Lake City
ROBERT H.HINCKLEY(Ogden)	284	CI	(4) (1130-2130 Mon,Tues; 0830-2130 Wed-Sun)
SALT LAKE CITY	227(SL)(vhf)	SBRAZ-DTXV;163°,2.9	(3);116.1,122.1
Salt Lake City Arpt. #1	278 (118.3)	C (ILS-W)	(4); 122.5,118.3,126.18
TIMPIE FM	(- - -)	FM, 246°, 37	Salt Lake City
WENDOVER	248 (WV)	SBMRAZ-DT	(4)
Wendover Field	201 (126.18)	CA; 258°, 2.2	(3);126.18

WYOMING

FORT BRIDGER (Int.)	382(HM)(vhf)	SBRAZ-VDT.228°.2.4	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SALT LAKE CITY	110.3 ·-· ·--·	335	343°	IM-	MM- ·--· (0.71)	OM- --- (4.69)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Aberdeen	2.7 SW;canal E	4460	32 S6	80 oct.
Albert (Richfield)	5.2 NE,RR W	4400	23 S1	Ltd 80 oct. Hills N,S,W.
American Falls	2 NE,RR NW	4404	39 S6	80 oct, S blkd.
Arco (NC)	1.5 ESE;RR SW	5330	26	Hills NE.
Bear Lake Co. (Paris)	3.3 ENE;rd S	5928	57h	
Buhl (NC)	5.7W;hwy E	3690	41 S1	80 oct.
(P) Burley	1.3 ENE,RR SW	4149	41h R1 L5 S6	80,91 oct.Pole line WNW.
Camas Co. (Fairfield)	0.8 SW;RR,hwy N	5065	31 S1	80 oct.P-line E
Flying Bar "S" (Shoshone)	4.6 NNW,riv S	3900	12 S1	80 oct.
(P) Friedman (Hailey)	0.8 S,RR E	5300	52 S1	80 oct.
(P) GOODING	3.5 WSW,hwy N	3730	49h R1 L5 S6	80,91 oct.
Gooding (old)	4 SSW			ABANDONED
(P) IDAHO FALLS	2 NW;riv E	4730	52h R1 L5 S6	80,91 oct, Pole lines S,NE.
* Idahome Int,13, SL-PO	0.8 NNE	4420	21 L3	
Jerome	3.3 ENE	3980	31 S1	80 oct.
(P) MacKay (NC)	0.8 SE,RR NE	5900	30 S2	80,91 oct.
* Malad City Int,9,SL-GT	2.6 WSW,riv WSW	4503	50h L3	73 oct.
Montpelier	0.6 NNE,RR WSW	5965	30 S1	73 oct. Mtn NE

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted) → NEW OR REVISED DATA

IDAHO

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
POCATELLO	5.8 NW,RR S	4462	56h R1 L5 S6	80,91 oct.
(A) Pocatello AAF (A)	8.1 WNW	4445	84h	TMP INACT NO FACS
Preston	1.7 WNW,riv W	4800	28 L S6	80 oct, Flood lgt on req.
Rexburg	0.8 S,RR NW	4900	26 S4	80 oct. Rolling. No sto.
St. Anthony	1.1 SSE,RR W	4965	40 S6	80 oct. SW blkd,NE bldg.
* Strevell Int,10, SL-PO	0.3 NNW	5270	31 R1 L2	Emerg only.
Thousand Springs (Hagerman)	4.5 SSE,riv N	3000	40 S6	(NC)91 oct. Trees N
(P) Twin Falls	6.5 S;Canal S	4200	40 S6	80,91 oct. Strips only-wet weather.
University (Ham's)(Pocatello)	1 ENE,hwy W	4550	35	Hills N,S. Emerg only.
Victor (Bennett Fld) (NC)	0.8 SE,hwy W	6198	31	P-line SE,trees NW Emerg only.

NEVADA

* Ventosa Int,48,SF-SL	0.5 N,RR S			ABANDONED
* Wells Int,46B, SF-SL	1.5 S,rd W			ABANDONED.
Yelland (Ely)	3.5 NNE;RR W	6258	60h S6	80,91 oct.
[redacted]				
Alta Arpk (Sandy)	2.3 E,RR W	4800	30 S6	80,91 oct.Hwy W.
Bountiful Sky Haven	2.6 WSW	4222	38 S4	80 oct. P-line S,NW.
Brigham	3 NW,RR S	4220	37 L4 S6	80 oct. P-line S,Wires W.
[Carbon County](Price)	2.8 E,RR W	5800	58 S6	80 oct. Use strips only.
Delta	4.8 ENE,	4755	61h R1 L5 S3	80,91 oct. Hwy NW.
(A) Dugway (Tooele)(A)	41.5 SW,hwy E	4338	73h L5 S4	73,91,100 oct. CLOSED.
Duchesne (NC)	2.2 NNE;hwy W	5700	55 S2	30 oct. P-line NW,W. Use strips only.
* Fairfield Int,59,LA-SL	6 NE,RR SE	5024	55 R1 L3	
* Grantsville Int,60,SF-SL	3 N,RR E	4229	44 L3	Poles E.
(A) Hill (Ogden)(A)	6.5 S	4788	75h R1 L5 S6	62,73,91,100 oct. JP-1.
Hillcrest (Logan)	2.7 NE,RR W	4780	27 L S6	80,91 oct, Port flood lgts.
(P) HINCKLEY (Ogden)	3.5 SW,RR NW	4455	56h R2 L5 S6	80,91 oct.
* Knolls Int,56,SF-SL	5 ENE,RR S	4360	30 L3	
LOGAN-CACHE CO.(Logan)	4 NNW,RR E	4460	53h L5 S6	80 oct.
Low Flight Strip	11.8 W,hwy S	4241	71h	
* Lucin Int,52, Ogden Cutoff,SF-SL	3.5 E,RR S	4414	54h R1 L3	
Manti-Ephraim (Ephraim)	2.8 SW,RR SE	5500	35 S4	80 oct.
Midvale	3 WSW;RR NW	4500	20 S4	80 oct P-line SE. Ctn when wet.
Mt. Pleasant	1.5 SSW,RR NW	5857	48 S6	80 oct. Trees NE. Use strip only.
Myton (NC)	1 E,riv N	5090	31	Stay on strips.
Nephi	2.5 NW	4800	48 S2	80 oct. Soft when wet
Ogden Airpark	4 S,hwy NE	4700	32 S6	80 oct. P-line NE. Fence S.
* Promontory Pt.Int,3,SL-PO	0.5 W,RR S,E	4280	30 L3	
(P) PROVO	2.8 WSW;lake W	4490	70h L5 S6	80,91 oct.
(NG) SALT LAKE No. 1	5 WNW;hwy S	4222	55h R3 L6 S6	80-100 oct.Rdo rec rqrd.Ltd 100 oct
Salt Lake No. 2	10.5 SSW,RR W	4617	56h S6	80,91 oct. 2-ech maint NG
Spanish Fork	2 NW,RR SE	4560	42 S6	80,91 oct.
Tooele (NC)	1.4 WSW,RR W	4983	32 S4	80,91 oct. P-lines N,NW.
Utah Central(Salt Lake City)	4 SW;hwy N	4240	37 S4	80 oct. Pole line N, NW.
(A) Wendover (A)	0.5 S,RR N	4240	81h R2 L5 S6	73,91,100 oct. JP-1.

WYOMING

Afton	0.3 SW,hwy E	6239	29	N blkd.
Big Piney (NC)	2 N;hwy E	6900	37	
Cokeville	2.5 SSW,riv E	6250	45 S1	Ltd 73 oct.
Evanston City	3.6 SSW	6800	30 S4	73 oct. 200' hill SSE.
* Fort Bridger Int,9, SL-OH	5 N	7016	51 R1 L3	Carter 3 miles NNW.
(P) Jackson	9 N,riv W	6400	52	
* Kemmerer Int,B17,BX-RT	1.5 NNW,RR S	7276	71 L2	
Signal Mountain (Moran)	2.3 S	6800	45	

NEW AIRPORTS

Hayfield (Tyhee,Idaho)	2 SE;RR W	4600	31 S6	No sto.
Evanston, new (Wyo.)	0.5 NE;hwys S,W	6730	30 S3	80 oct. Pwrline W.
San Jacinto (Nev.)	0.2 NE;RR W	5200	47 S1	91 oct. Batt. lgts on req.
Tremonton, (Utah)	0.5 W;hwy S	4322	28 S1	80 oct. S blkd.
Andrew (Shoshone,Idaho)	2.5 E;hwy N	4000	25	Soft in spring.
Adkins (Richfield,Idaho)	4.5 SW;riv S	4150	17 S2	81 oct. Soft in spring.
Salina-Gunnison (Salina,Utah)	5.5 NNE;riv S	5100	35 S1	80 oct
Teton Peaks,Driggs (Driggs,Idaho)	0.4 NE;RR W	6100	34 S1	80 oct. SW blkd.
Shelley (Idaho)	2.6 N;riv SE	4692	17 S1	80 oct. N,SE,SW blkd.

SALT LAKE CITY 22

● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
Ⓡ EXTREMELY HAZARDOUS
Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS

GREAT FALLS 6

ALL FACILITIES IN SALT LAKE CITY FLIGHT ADVISORY AREA

GOODING 215 (116.1)
BURLEY 272 (116.1)
IDAHO FALLS 359 (116.1)
POCATELLO 257 (111.1, 116.1)
POCATELLO VHF RANGE
MALAD CITY 314 (116.1)
LUCIN 302 (116.1)
STREVELL 335 (116.1)
OGDEN 263 (116.1)
FORT BRIDGER 382 (111.1 116.1)
WENDOVER 248
SALT LAKE CITY 227 (111.1, 116.1)
FAIRFIELD 362 (111.1, 116.1)
DELTA 212 (111.1, 116.1)

WENDOVER AAF 201 KC 126.18 MC
HILL AAF 396 KC 126.18 MC
SALT LAKE CITY NO 1 278 KC 118.3 MC
SALT LAKE CITY NO 2
HINCKLEY 284 KC
LAS VEGAS 71
WINSLOW 73

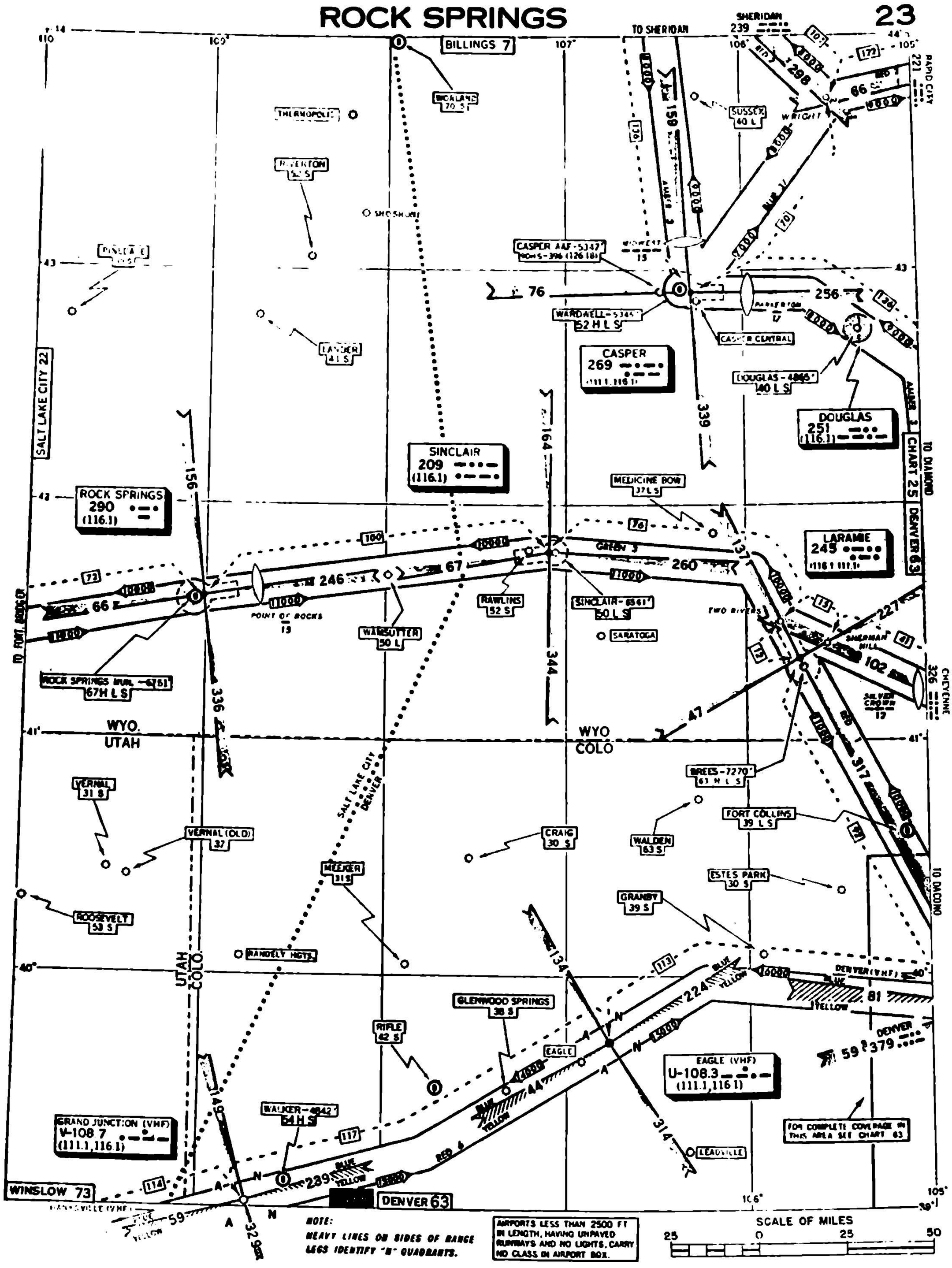
FRIEDMAN, ALBERT, ADKINS, FLYING BAR'S, BILLY ANDREW, GOODING, JEROME, TWIN FALLS, BURLEY, KAMAS CO., TO KING HILL, ST ANTHONY, REXBURG, DUBOIS, IDAHO FALLS, SHELLEY, POCATELLO, HAYFIELD, POCATELLO AAF, ABERDEEN, UNIVERSITY, AMERICAN FALLS, SIGNAL MOUNTAIN, TETON PEAKS-DRIGGS, JACKSON, AFTON, MONTPELIER, BEAR LAKE CO., COKEVILLE, IDAHO NEV, SAN JACINTO, ELKO 19, MALAD CITY, PRESTON, LOGAN-CACHE CO, HILL CREST, KEMMERER, CORINNE, TREMONTON, BRIGHAM, MONTPELIER, GREEN 2, GREEN 3, OGDEN ARPK, LAYTON, BOUNTIFUL, EVANSTON CITY, EVANSTON, FORT BRIDGER, TO ROCK SPRINGS, ROCK SPRINGS 23, LUCIN, PROMONTORY POINT, LOW, TO ELKO, GRANTSVILLE, KNOLLS, MIDVALE, ALTA, UTAH CENTRAL, TOOELE, RIVERTON, FAIRFIELD, PROVO, SPANISH FORK, DUGWAY AAF, NEV UTAH, NEPHI, MT PLEASANT, CARBON CO, MANTI-EPHRAIM, DELTA, SALINA-GUNNISON, YELLAND, TO MILFORD

STATUTE 0 25 50 MILES

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

OVER

ROCK SPRINGS



LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COLORADO			
EAGLE (6 mi. ENE Eagle)	108.3 (EQ) (111.1,116.1)	BVAR-DTV	3105,3117.5;116.1,122.1
GRAND JUNCTION (12.7 mi. SW of Walker Field)	108.7 (EJ) (111.1,116.1)	BVAR-DTV (ILS)	3105,4495,3117.5; 116.1,122.1
WYOMING			
CASPER(Wardwell)	269(CW)(116.1,111.1)	SBRAZ-DTV;256°,2	(4);116.1,122.1
CASPER AAF	396(126.18) +	CA	(3); 126.18
DOUGLAS	251 (DQ)(116.1)	BHTV	(4);116.1,122.1
LARAMIE (Brees Fld)	245(LR) (116.1, 111.1)	SBMRAZ-DTV 137°, 2.2	(4);116.1,122.1
MIDWEST FM	(- - - -)	FM, 339°, 15.1	Casper
PT.OF ROCKS FM	(-)	FM, 66°, 15.4	Rock Springs
ROCK SPRINGS (mun)	290(RT)(116.1)	SBRAZ-DTV, 246°,2.8	(4);116.1,122.1
SILVER CROWN FM	(- - -)	FM, 282°, 12	Cheyenne
SINCLAIR (Int.)	209(XP)(116.1)	SBMRAZ-DTV, 80°, 1.7	(4);116.1,122.1
PARKERTON,WYO.FM	(-)	FM; 76°, 16.8	Casper

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM- •—•— (0.69)	OM- — — (4.52)
WALKER	110.3	335	110°		MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS

COLORADO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(P) Craig	1.8 SE;riv N	6300	30 S6	80, 91 oct.
Estes Park	2 SE;riv N	7635	30	
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L1 S6	73,80,91 oct.
Glenwood Sprgs.	2 S	5900	31 S4	73 oct.
Granby	1 ENE;riv W	8200	39 S1	80 oct.
Meeker	1.3 E;hwy S	6300	31 S1	80 oct.
(P) Rifle	3.3 E;riv N	5400	42 S2	80 oct.
Teter (Fairplay)	3 SSE;hwy E	9700	67	(NC)
Walden	1.5 N;hwy W	8250	63 S1	80 oct.
(P) WALKER (Grand Junction)	4 NNE;rd W	4842	54h L3 S6	80,91,100 oct.

UTAH

Roosevelt	1.3 NE;hwy S	5000	51 S2	80,91 oct. P-line NE,E,SE.
Vernal (new)	1 SSE;hwy N,E	5280	32 S6	80,91 oct. Use strips only.
Vernal (old)	7 ESE;riv 4 E	5200	34	Soft when wet.

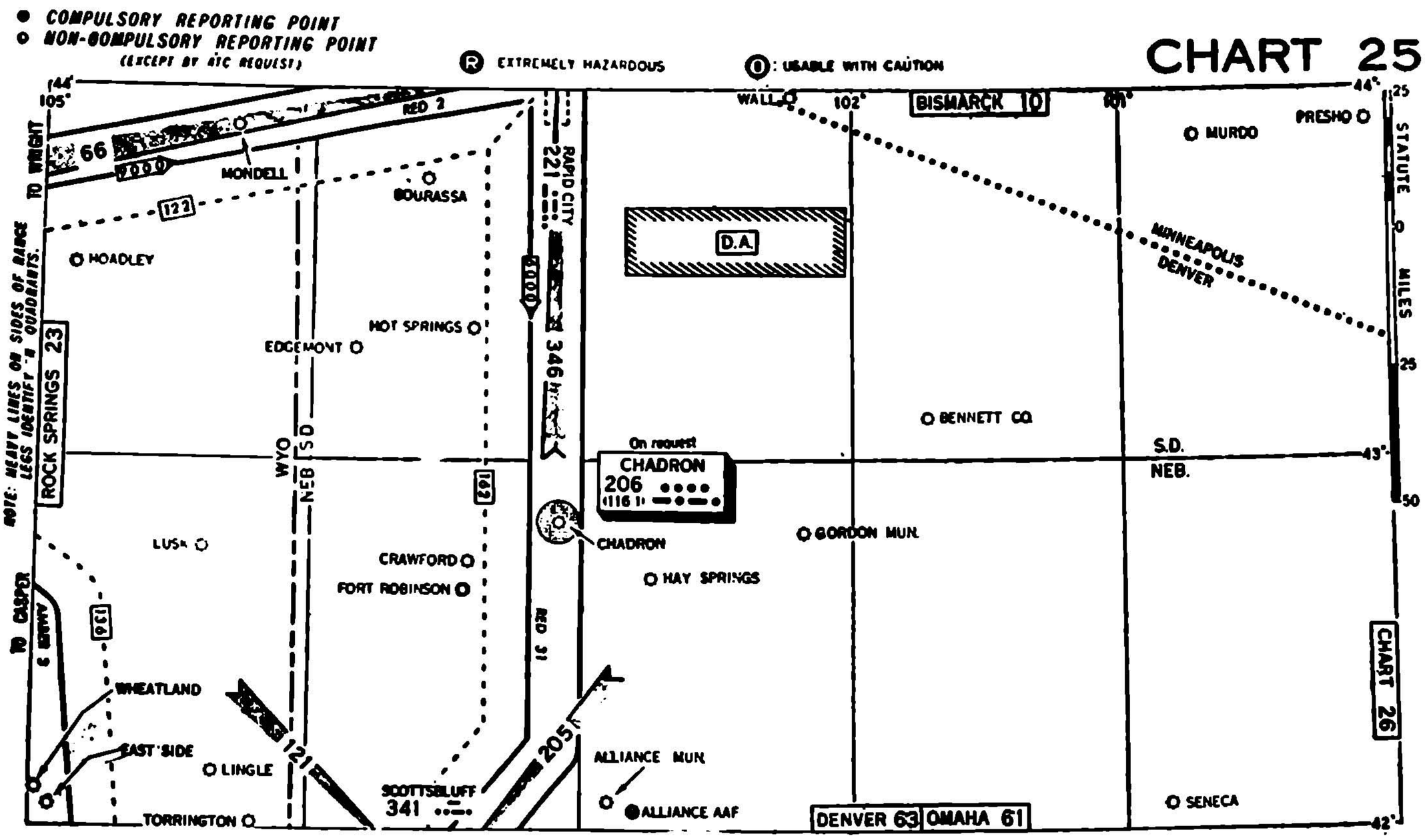
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII). NC-(not charted). → NEW OR REVISED DATA

WYOMING

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Casper AAF(A)	9 NNW;hwy SW	5347	90h R1 L S2	100 oct.
Douglas,11B,CX-GT	1.5 SE;RR W	4865	40 R1 L3 S2	73 oct. P-line NE.
General Brees (Laramie)	See Brees Field under "New Airports" - name changed			
Lander	1.5 S;riv W	5550	41 S2	80 oct.
Medicine Bow,31, SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct
Pinedale	5.5 SSE;hwy N	7200	39 S2	80 oct.
Rawlins	2.3 NE;RR 1 S	6780	52 S4	80,91 oct.
(P) Riverton	3.8 NW;hwy SW	5453	52 S4	Ltd 73 oct.
(P) ROCK SPRINGS MUN	8.8 E;RR N	6751	67h R1 L5 S2	80,91,100 oct.
Rock Springs (old)	3.8 NNW			(NC) ABANDONED
* Sinclair Int,27, SL-OH	3.8 ENE;RR S	6561	50 R1 L3	
* Sussex Int,22A,CX-GT	2.5 NNE;riv 5 E	4800	40 L3	
Thermopolis	1 N; riv W	4400	36 S1	80,91 oct. Hill SW.
* Wamsutter Int,22, SL-OH	2.4 NNW;RR S	6812	50 L3	35 pole line SW
WARDWELL (Casper)	5 NNW;hwy E	5346	52h R1 L5S6	73,80,91 oct.
(P) Worland	2.5 S;canal NW	4185	68 S1	80 oct.

NEW AIRPORTS

Casper Central (Casper Wyo.)	3 NE;RR S	5100	28 S2	80 oct. Poles SE.
Saratoga Mun.(Wyo.)	0.7 SSW;riv E	6900	47 S1	80 oct. P-line ESE.
Eagle (Colo.)	4.5 WSW;RR N	6496	34	
Rangely Heights, (Rangely,Colo)	0.6 SE;riv N	5500	33 S1	80 oct. Hill adj SSW.
Brees (Laramie, Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Shoshoni (Wyo)	1 W;riv 2.5 W	4820	40 S4	80 oct. S blkd. P-line SE,
Laramie (Wyo.)	4 S;hwy W	7218	38 S1	Fuel,100' Stack NW.

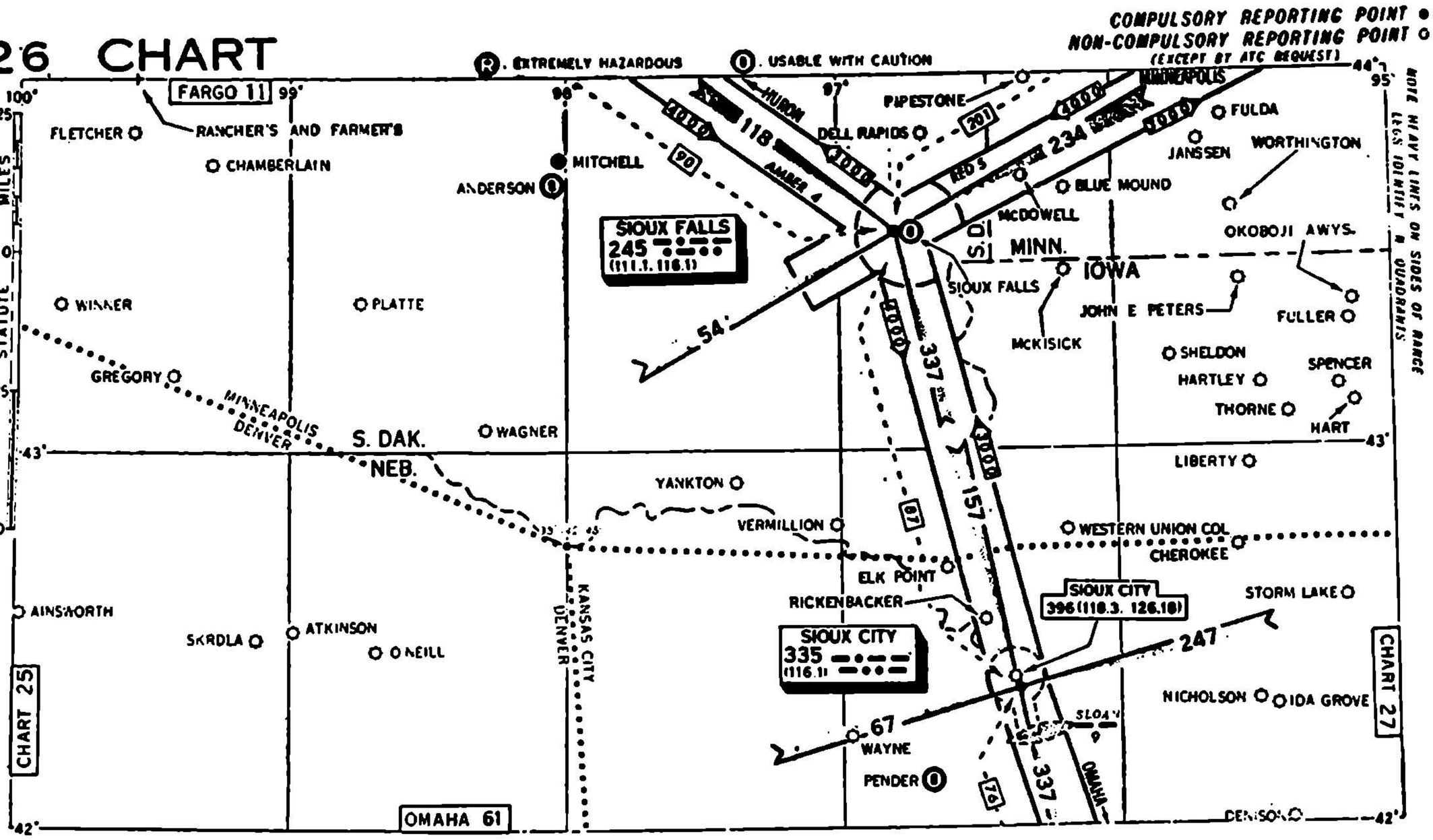


FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance AAF (Nebr) (A)	4.6 SE;RR N	3930	92h	CLOSED.
Alliance Mun. (Nebr)	2.8 SW;RR E	3965	53 S6	80 oct. Hwy E.
(P) Bennett Co. (Martin, S.D.)	4.4 SSE;riv N	3325	30 S1	73 oct. P-line sur fld.
Bourassa (Custer, S.D.)	1 ESE;hwy N	5301	30 S2	73 oct. Poles W, NW.
→ CHADRON H Fac. (Nebr)	206(HC)(116.1)		MHTV	(4);116.1,122.1
(P) Chadron, 15, CX-HR (Nebr)	4.8 W;hwy S	3312	45 L3 S4	73 oct.
Crawford (Nebr)	3.8 NNW;hwy E			ABANDONED
East Side (Wheatland, Wyo)	0.7 E;RR W	4750	23 S4	80 oct.
Edgemont (S.D.)	1.1 SW	3575	30 S2	73 oct.
(A) Fort Robinson (Nebr) (A)	2 S;RR N	3920	18	
Gordon (Nebr)	1.3 E;RR N	3549	34 S4	73,80 oct. Poles N,S,W.
Hay Springs (Nebr)	2.5 W;hwy E	3840	17 S2	80 oct. P-line N
Hoadley (Dull Center, Wyo)	9.4 NE	4176	24 S1	73,80 oct.
(P) Hot Springs (S.D.)	5.5 SSE;riv N	3075	52 S2	73 oct
Lingle (Wyo)	1.2 N;RR S	4200	30	P-line SE
Lusk (Wyo)	2.9 E;RR S	5000	42 S1	80 oct P-lines SE,S,NW,N.
Modisett (Rushville, Nebr)	2.4 NE;RR S	3475	30	Bldgs, p-line E.
Mondell (New Castle, Wyo)	6.2 WNW;RR N	4260	36 S2	80 oct. P-line N,E.
Presho Mun. (S.D.)	0.8 NW;RR S	1800	22 S1	80 oct. Poles N,NW,S strips.
→ Seneca (Nebr)	2.2 NNW;riv 2 S	3200	26 S2	Ltd 80 oct. NW blkd. Use NW
(P) Torrington (Wyo)	3.4 S;hwy W	4350	40 S2	73,91 oct. P-line S,SE,SW,W
Valentine (Nebr)	1.5 SSE;hwy E	2579	18	Not maintained. Rough. Poles
(P) Wheatland,6,CX-GT (Wyo)	3.4 NNW;riv N	4648	46 L3 S6	73,80,91 oct. Rough. NE
NEW FACILITIES				
Murdo (S.D.)	1 WSW;hwy E,S	2300	25 S1	80 oct. NE,E blkd. Use ctn.
Wall (S.D.)	0.5 NW;RR E	2800	33 S2	73 oct. NE,E,SE,S blkd

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 **kcs.** (4)-3105, 4495, 6210 **3117.5 kcs Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-voice on 116.1 and 111.1 mcs. +Army A.C.S transmission and guards 116.1, 137.88, 140.58 mcs h-hard surfaced runways.**

R-radio facilities L-lighting facilities. S-servicing (see page XIII)→ NEW OR REVISED DATA (NC)-Not charted.

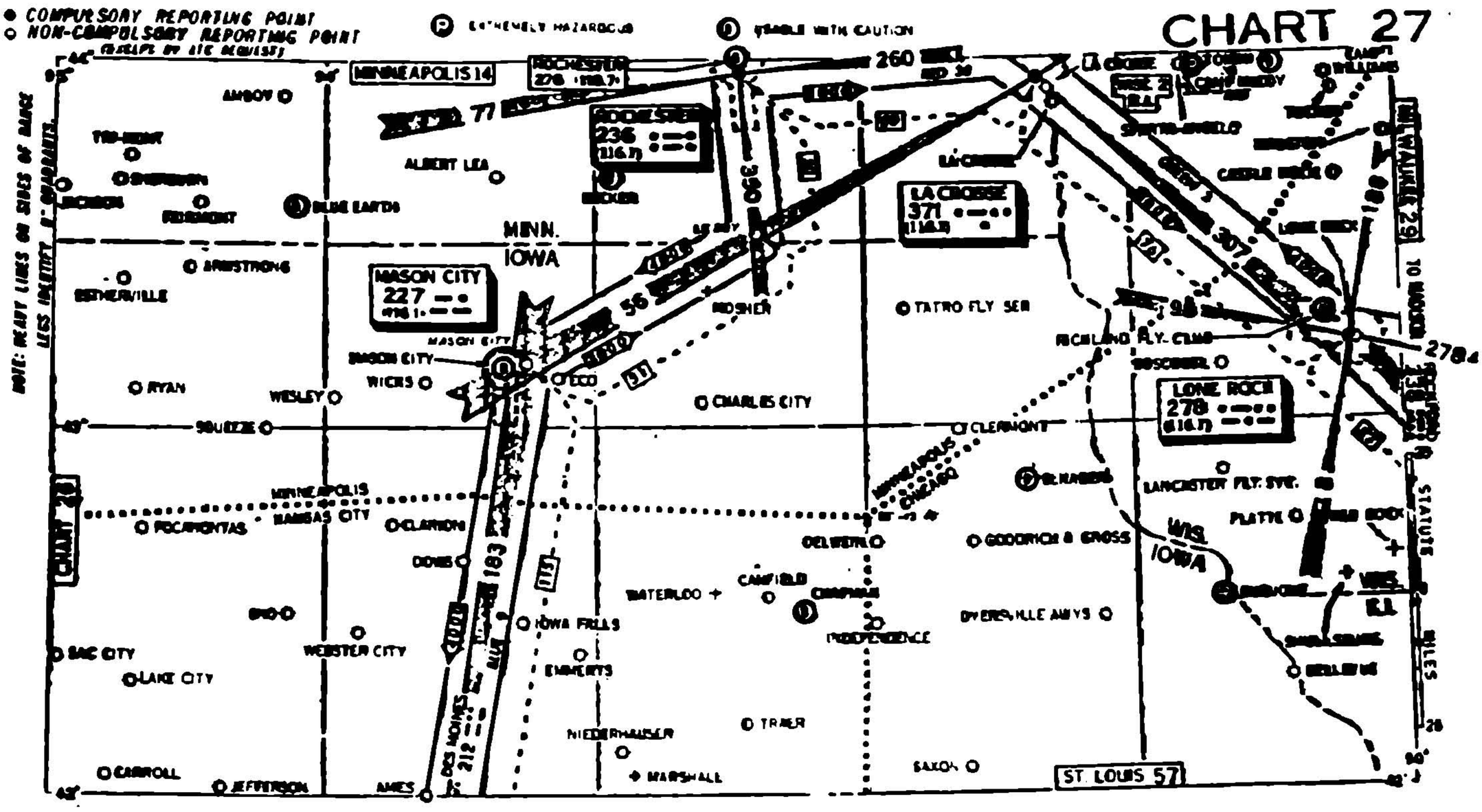
[Jones]-Airline Stop N B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ.. IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ainsworth, mun.(Nebr)	7.5 [illegible];RR S	2580	73h L5 S6	80 91 oct Rnwy lgts
Anderson(Mitchell,S.D.)	2.7 W;RR N	1393	29 S6	80 oct.Poles prior req. surfld.
Atkinson (Nebr)	1.4SW;riv NE	2109	22	P-line E,SE,N,NW.
Chamberlain (S.D.)	3.4 SE;hwy N	1689	26 S2	73,80 oct.Poles N,NW.
Cherokee (Iowa)	1 S;RR W,S	1218	19 S1	80 oct
Dell Rapids Mun.(S.D.)	1.6 NE;riv SE	1450	20 S4	80 oct.
Denison (Iowa)	2.4 WSW;rd SE	1200	20 S2	80 oct.Trees SSW.
Elk Point (S.D.)	2.4 E;riv NE	1120	26 S6	80 oct.Poles N,NW.Use strips.
Fletcher (Reliance,S.D.)	2 SE;RR NE	1600	20 S1	80 oct.
Fuller (Milford,Iowa)	0.7 NNW; hwy E	1440	36 S6	80 oct.Trees,poles E, W,S. Lake N.
Gregory (S.D.)	2.2 S;RR NE	2000	22 S2	73 oct.P-line E,SE.
Hart (Spencer, Iowa)	1.6 S;hwy N	1100	28 S4	80 oct.P-line NE,N.
John E. Peters (Ocheyedan, Iowa)	1.5 N;hwy S	1425	24 S2	80 oct.25' p-line S
Liberty (Sutherland,Ia)	2.1 WSW	1485	23 S6	80 oct.35'p-line E.RR.
McDowell (Luverne) Minn.)	8 NW;hwy W	1640	25 S2	80 oct
McKisick (Rock Rapids, Iowa)	3 N;riv W	1361	31 S4	80 oct Trees W
(A) Mitchell AAF (S.D.)(A)	4 N;hwy E	1292	67h	CLOSED.
Nicholson (Ida Grove,Ia	1.9 WSW	1120	20 S1	80 oct. RR N.
Okoboji Airways (Spirit Lake, Iowa)	2.8 SW;hwy E	1450	20 S2	80 oct. Poles NE
Pender (Nebr)	1 NE;RR SW	1400	22 S2	80 oct.P-line SW,W,NW
Pipestone (Minn)	1 SE;RR E,W	1735	25 S6	80, 91 oct. No sto
Platte (S.D.)	1.2NNE;RR SW	1650	28 S1	80 oct.Poles SE,S
Rancher's & Farmer's (Reliance, S.D.)	9 N;rd N,S		30 S1	73 oct.Data unver.
Richenbacker (Stevens, S.D.)	1 N;riv E	1114	28 S6	80, 91 oct.
Sheldon (Iowa)	5 NNE;RR W	1444	33 S6	80 oct.P-line S,W,SW,SE
SIOUX CITY Range (Iowa)	335(YX) (116.1)	337°, 1.9	SBMRL2-DTV	(3);116.1,122.1
SIOUX CITY Tower (Iowa)	396 (126.18, 118.3)		AC	(4);126.18,118.3,122.5
(A) [Sioux City] (Iowa)	6.5 S;RR 1 NE	1097	69h L5 S5	80,91 oct.;91,100 oct.
SIOUX FALLS Range (S.D.)	245(YL)(vhf)	93°, 2.2	SBRA2-DTV	(4);116.1,122.1 mil actl.
(NG) Sioux Falls Mun.(S.D.)	2.5 NNW;RR E	1420	57h L5 S6	80,91 oct;73,100 oct,
(P) Skrdla (Stuart,Nebr)	7.5 S	2090	30 S1	73 oct. 3-ech maint NC
(P) Spencer (Iowa)	2.9 WNW	1335	40 S6	80,91 oct. RR S

FACILITY	FREQ.. IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Storm Lake (Iowa)	3.5 SSW;lk NE	1309	36 S2	80 oct.
Thorne (Moneta, Iowa)	2.5 S	1410	25 S2	80 oct.P-line,trees W,
Vermillion (S.D.)	3.8 WNW	1140	25 S4	80 oct.Poles N,RR NE.
Wagner (S.D.)	1.3S;RR N	1464	30 S1	73 oct.Poles E,NW.
(P) Wayne (Nebr)	1.8 E;RR N	1475	33 S4	80 oct.P-line NW,
(P) Western Union (Le Mars, Iowa)	1.3SW;RR SE	1190	30 S6	80 oct. Low obst.
Winner (S.D.)	1.3 NE;RR SW	2038	26 S6	80,91 oct.
Worthington (Minn)	1.6 N	1570	32 S6	80 oct.No sto.Rot bcn
(P) Yankton (S.D.)	2.3 N;hwy W	1400	37 S6	80 oct. Twr E. in town.
O'Neill (Nebr.)	2 NW;hwy N	2100	35 S6	80 oct.N,SE,S,SW blkd.
Janssen (Fulda, Minn)	5.5 SW	1500	21 S1	80 oct.
Fulda Mun (Minn)	0.5 NNW	1532	20 S4	80 oct.No sto.P-line S.
Hartley (Iowa)	7 SE;RR NE	1490	28	P-line SE.
Blue Mound Air Svc (LuVerne, Minn)	3 NNE;RR NW	1440	30 S2	80 oct.
Ida Grove Flying Svc (Ida Grove, Iowa)	2.5 SE;RR N	1100	20 S2	80 oct.

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3108, 4488, 6310 hes. (4)-3108, 4488, 6310, 9117.5 hes. Parenthetical Numbers in Frequency Column indicate VHF Voice (vhf)-voice on 116.1 and 111.1 mcs +Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. h-hard surfaced runways. R-radio facilities.
L-lighting facilities. S-servicing (see page XIII) ← NEW OR REVISED DATA (NC)-Not charted [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Lea (Minn)	2.3 N;RR E	1255	32 S6	80 oct. P-line N
Amboy (Minn)	1 NNE;RR W	1000	24 S2	80 oct,
Ames (Iowa)	2.5 SSW;RR NW	920	25 S6	80 oct. Lgt acft only.
Armstrong (Iowa)	3.2 NW;hwy S	1250	22 S1	Ltd 80 oct. Trees E.
Bellevue (Iowa)	3.1 N;riv E	652	18 S1	80 oct. Rough
Blue Earth (Minn)	3 S;RR E	1111	26 S1	80 oct. Flares on req.
(A) Camp McCoy (Wis)(A)	2 SSW	830	-0	
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Canfield (Waterloo, Iowa)	3.5 NW;RR NE	800	32 S6	87 oct. P-line N.
Carroll (Iowa)	4.2 ESE;RR N	1196	34 S2	80 oct.
Chapman (Waterloo, Ia)	5 E;RR NW	870	33 S6	80 oct. P-lines S.
Clarion (Iowa)	1.1 NW	1162	27 S6	80 oct.
Clermont (Iowa)	0.8 S;riv W	800	21 S6	80 oct. P-line SE, NE.
Conrad (Iowa)	3 WNW;RR S			ABANDONED
Decker (Austin, Minn)	1.7 E;hwy N	1224	29 S6	80 oct. No sto. N, S, W
Dows (Iowa)	1.5 SSE;RR NE	1144	26 S2	80 oct.
(P) Dubuque (Iowa)	1.9 NE;riv E	602	27 S6	80, 91 oct. Poles S, SE.
Dyersville Arwys (Ia)	0.8 S;RR NE	940	16 S1	80 oct. Pwr lines NW,
Elkader (Iowa)	1.1 ESE;RR S	915	19 S2	80 oct. P-line NW. Rnwy data unver.
(P) Emmerts (Eldora, Iowa)	2.8 NE;RR SW	1000	32 S6	80 oct. Poles NW, SE.
Eno (Ft. Dodge, Iowa)	2.5 E;hwy W	1126	27 S6	91 oct.
(P) Estherville (Iowa)	3.5 E;hwy S	1298	35 L S6	80 oct. Port rnwy lgts Poles SE, SW.
Fairmont (Minn)	3.1 S;hwy W	1190	25 L S1	80 oct. P-line W. Flares
Goodrich & Gross (Strawberry Pt, Iowa)	3.5 W;RR NE	1206	19 S1	Ltd 80 oct. on req.
Grundy Center (Iowa)	1.3 ENE;RR S			ABANDONED
Henry's (Floyd, Iowa)	5 NNE;RR W	1110	14 S1	ABANDONED
Independence (Iowa)	4.1 W;RR E	990	23 S2	80 oct. Poles N.
Iowa Falls (Iowa)	4.1 S;RR E	1140	24 S2	80 oct.
Jefferson (Iowa)	0.8 NNW;RR S	1052	23 S6	80 oct. No sto. P-line N.
LA CROSSE Range (Wis)	371 (LE) (116.1)	127°, 1.8	SBRA Z-DTV	(4); 116.1
(P) La Crosse (Wis)	5 NNW	653	53h L5 S4	80, 91 oct. Bet rivs.
* La Crosse Int, 23A, CG-Twin Cities (Wis)	8 NNW; RR NE	667	37 L3	Pole E.
Lake City (Iowa)	3.5 NNE;RR S	1200	26 S1	80 oct.
LONE ROCK Range (Wis)	278 (LK) (116.1)	98°, 0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int, 15, CG-Twin Cities (Wis)	2 N;rd W, N	714	39 L3 S2	80, 91 oct. P-line NE

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
MASON CITY H Fac. (Ia)	227 (NM) (116.1)		BHTV	(4); 116.1, 122.1
(P) Mason City (Iowa)	7 W;hwy S	1215	56h L5 S6	80, 91, 100 oct.
Mosher (Riceville, Ia)	1 W;hwy S	1263		80 oct. P-[illegible] Data unver.
Niederhauser (Marshalltown, Iowa)	2.3 N;hwy E			ABANDONED
Pocahontas (Iowa)	0.8 E	1216	25	Pole line SW.
Red Rock (Darlington)	5 SE;RR E		12 S1	80 oct. Data unver. (Wis)
Richland Center (Wis)	6 SSE;hwy W		23 S1	80 oct. Trees E, S. Data
ROCHESTER Range (Minn)	236 (RR) (116.1)	350°, 2.6	BMRLZ-DTV	(3); 116.1 unver
ROCHESTER Tower (Minn)	276 (118.7)		C	(4); 118.7, 122.5
Rochester Mun (Minn)	1.7 SSE;RR W	1041	42h L4 S6	80, 91 oct. P-line E, N, W
Ryan (Emmetsburg, Ia)	1.3 W;RR N	1225	18 S2	80 oct. Trees NW.
Sac City (Iowa)	3 SSE;riv W	1160	19 S2	80 oct.
Saxon (Cedar Rapids, Ia)	7 NE;hwy S	880	26 S6	73 oct. P-line N
Sherburn (Minn)	2 WNW;RRs S, E	1300	21 S2	80 oct. Pwrline ESE.
Shullsburg (Wis)	1.1 S	1080	17 S6	80 oct. Trees SW.
Sparta-Angelo (Wis)	2.2 NE;RR E	800	25 S4	80 oct. Poles sur fld.
Squeeze (Algona, Iowa)	5 S;riv S	1201	26 S2	80 oct. P-line NW, W.
Tatro Fly. Svc. (Decorah)	2.6 NW;riv W	918	26 S2	80 oct. (Iowa)
Tomah (Wis)	1 E;hwy S.	970	18 S4	80 oct. 180° hill E
Traer (Iowa)	1 ENE;RR SW	895	18 S2	80 oct. P-line E.
Tri-Mont (Triumph)	0.9 S;RR W, E	1250	24 S1	80 oct., (Minn)
(P) Waterloo (Iowa)	4 NW;RR S, E		54h L5 S1	80, 91 oct. Data unver. No flood lgts.
Webster City (Iowa)	3.3 SW;riv E	1100	26 S4	80 oct. No sto.
Wesley (Iowa)	1.5 E;RR N	1250	31 S1	80 oct. P-line N, S.
Wicks (Garner, Iowa)	1.8 NW;RR S	1230	26 S2	80 oct. Poles NW, SW.
NEW FACILITIES				
Jackson (Minn)	2 N	1440	28 S2	80 oct. E-line S.
Charles City (Iowa)	3.3 E;RRS	1080	28 S2	80 oct. P-lines N, S, SW, NW.
Eco (Mason City, Iowa)	2.5 ESE;riv S	1215	26 S6	80 oct. P-line N, NW.
Oelwein (Iowa)	3 W	1050	26 S6	80 oct. P-line N, W.
Niederhauser (Marshalltown, Iowa)	4 N;hwy E	900	32 S6	80, 91 oct. No sto. P-line N, W.
Marshall Fld (Marshalltown, Ia)	3 E	890	S6	80 oct. Data unver
Lancaster Flying Service (Wisc.)	1.8 [illegible] NE;RR NW	1110	24 S6	80 oct. Fallen trees SE.
Mauston (Lemonweir, Wisc.)	2 SW;RR N	880	15 S1	Wisc.) 80 oct. N bkd.
Boscobel (Wisc.)	[illegible] NE;RRS	670	27 S1	80 oct. Bluffs NNE, SE, NW.
Castle Rock (Wonewoc,	1.1 NNW;RRS	960	19 S1	80 oct. P-line NE, SW. (Wisc)
Tucker Fly. Service (New Lisbon, Wisc)	1.6 NNW;riv E	880	13 S1	80 oct. Trees E.
Platte (Platteville, Wisc)	3.1 S;RR E	1100	22 S2	80 oct. P-line NE, SW.

[illegible]

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII) –n–New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

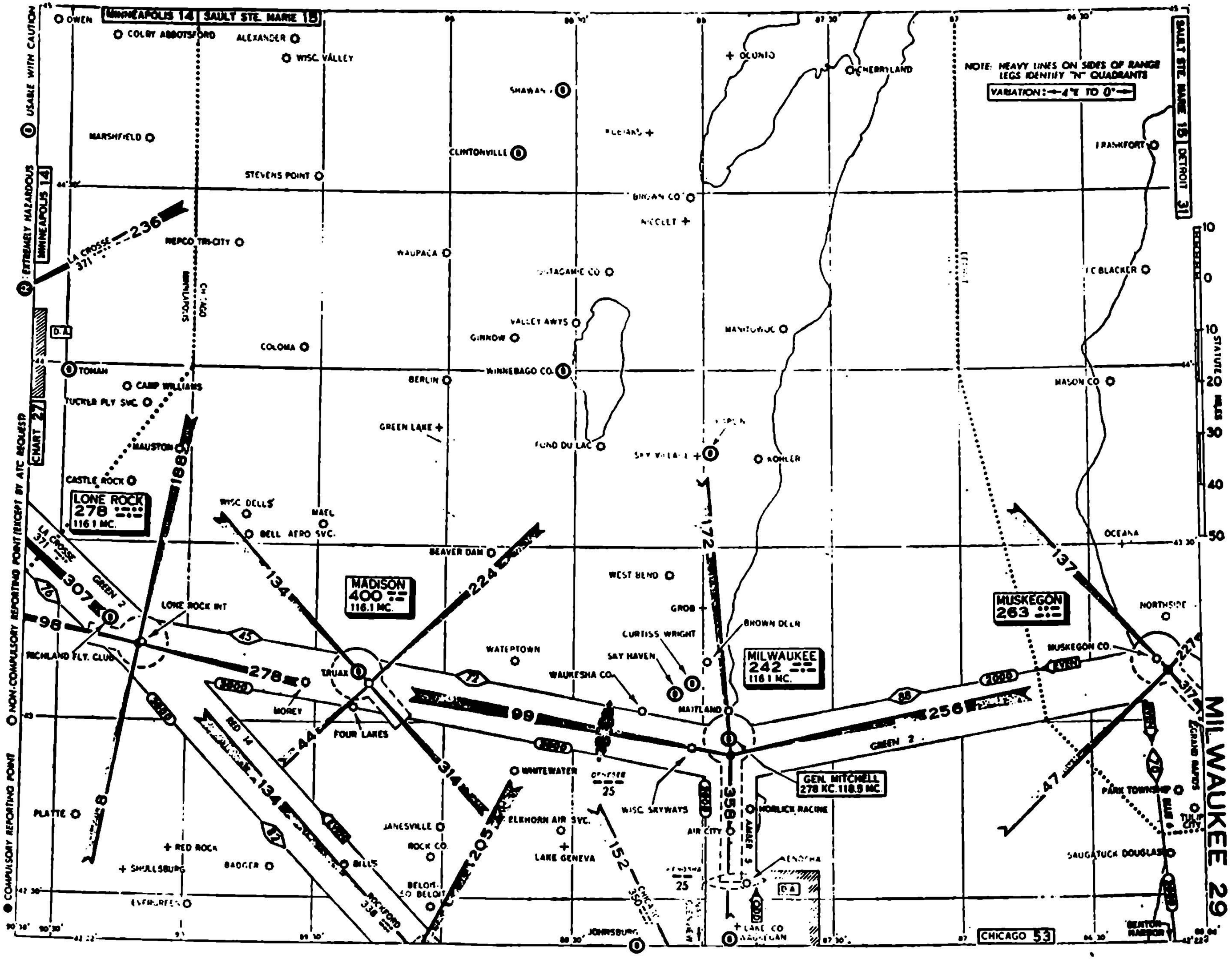
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Air City (Sturtevant, Wis)	0.6 SE;hwy N	633	26 S6	80,91 oct.P-line NW Const. on strips.
Alexander (Wausau, Wis)	2.5 S;riv SW	1191	27 L4 S4	80,91 oct. Lgts prior req.
Badger (Monroe, Wis)	1.8 SW;RR N	1080	20 S4	80 oct. Fense S,W.Hwy E
Beaver Dam Inc. (Wis)	1.7 W;lake N,E	910	20 S4	80 oct.
Bell-Aero Service (Baraboo, Wis)	4 NNW;hwy W	980	21 S1	80 oct. N/S strip rough.
Beloit-S. Beloit (South Beloit, Ill)	1 S;RR E	772	33 S6	80,91 oct. Hill NE.
Bill's (Broadhead, Wis)	1.8 S;hwy S	780	24 S2	80 oct. SE blocked.
Brown Co.(Green Bay, Wis)	2.2 WSW;hwy SE	590	28 S6	80 oct.E,ESE,SE blocked.
Brown Deer (Milwaukee,Wis)	10 NNW;RR E	681	25 S6	80 oct. P-lines N.
Camp Williams (Camp Douglas, Wis)	1 N;RR SW	915	45h	
Chaplin Arpk (Plymouth,Wis)	0.5 N;RR W		22 S2	80 oct. Data unver.
(P) Cherryland (Sturgeon Bay,Wis)	2 WNW	590	40 S2	80 oct.P-line W,S.Bldgs N
(P) Clintonville (Wis)	1 ESE;RR SW	828	34 S6	80,91 oct.NNW blocked. Pwr line NE,SW, W.
Colby-Abbotsford(Colby,Wis)	1.2 NNW;RR E	1400	26 S2	80 oct.P-line NNE.
Curtis-Wright (Milwaukee,Wis)	9 NW;riv W	750	27 S6	80,91 oct.NE,E blkd.Hi-line N.
East Side (Green Bay, Wis)	1.8 SE;RR S			ABANDONED
Elkhorn Air Service (Wis) (Warren,Ill.)	1.5 N;hwy E	1000	21 S6	80 oct. Rough and rolling P-line E, W.
Evergreen Flying Club	1.4 SSE;hwy W	1000	26 S1	80 oct.Private.
Fond du Lac (Wis)	2.6 ENE;hwy S	769	26 S4	80,91 oct.P-line N,NE,NW SE blocked.
Four Lakes (Madison, Wis)	3 SSE;lake N	881	25 S6	80 oct. P-line W.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GENERAL MITCHELL Tower	278 (118.5)		C	(4); 118.5, 122.5
(P) [General Mitchell] (Milwaukee, Wis)	6 S;RR E	676	50h L4 S6	80,91,100 oct.
Ginnow (Omro, Wis)	3 N;hwy E	800	19 S2	80 oct.Trees SW.Rough
Green Lake (Wis)	4 W;hwy S	960	22 S1	80 oct. Data unver.
Grob (Cedarburg, Wis)	2 N	875	24 S4	Data unver.
Horlock-Racine (Racine,Wis)	2 N;RRs E,W	665	25h L1 S6	80,91 oct.Trees N,SE.
Janesville City (Janesville, Wis)	1.8 NNE;RRs NW	880	26 S6	80,91 oct 51' twr SE; p-line E.
Jefferson (Wis)	1.7 WSW;riv E			ABANDONED.
Johnsburg Arpk (Ill)	0.4 SSW;riv S	740	20 S4	80 oct. P-line NNW.
Kenosha (Wis)	2 S;RR W	623	29 L S6	80,91 oct. Flood lgts. P-line SW, NW.
(P) Kohler (Wis)	1 N;hwy S	647	30 L1 S6	80,91 oct. SE blocked.
Kubiak's (Pulaski, Wis)	1.2 E	781	26 S4	Data unver.
Lake Co. (Waukegan, Ill)	4.4 NNW	718	40 S6	80,91 oct. Data unver.
LONE ROCK Range (Wis)	278(LK)(116.1)	98°,0.0	BMLZ-DTV	(4); 116.1
* Lone Rock Int.15.CG-Twin Cities (Wis)	2 N;rd W,N	714	39 L3 S2	80,91 oct. No flood lgts. P-line NE.
MADISON Range (Truax)(Wis)	400(MA)(116.1)	314°,2.6	BMLZ-DTV	(4); 116.1
Mael (Portage, Wis)	1.6 NW;lake SE	820	26 S6	80 oct.Obsts sur fld.
Maitland (Milwaukee, Wis)	3 ESE;lake E	590	25 S6	73,80,91 oct.Stack S.
MILWAUKEE Range (General Mitchell)(Wis)	242(MK)(116.1)	352°,2.5	SBRAZ-DTV	(3); 116.1
Manistee-Blacker (Mich)	4 ENE;riv S	613	23 S4	80 oct.
Manitowoc (Wis)	1.6 NNW;RR W	653	26 L3 S6	80,91 oct. P-line W.SW SSE.Bndry lgts inop.
Marshfield (Wis)	2.3 SSW;RR NE	1253	26 L S6	80 oct.Flare pots in emerg
Mason Co. (Ludington, Mich)	1.7 ENE;hwys S	640	30 S1	80 oct. Poles S.
Morey (Madison, Wis)	2 NNW;hwy E	928	33 S6	80 oct.S blkd.Trees NW.
MUSKEGON Range (Muskegon Co.) (Mich)	263(UK)	317°,2.8	BMRLZ-DT	(4)
(P) [Muskegon Co.] (Mich.)	3.5 S;lake N	627	40h L3 S6	80,91 oct.Bldg NE.Bndry lgts on req only.
Nesco Tri City (Wis Rapids,Wis)	2.5 SSW;riv 1 W	950	35 L2 S6	80,91 oct.Lgts prior req.
Nicolet (De Pere, Wis)	1.5 S;RR E	620	22 S4	80 oct. P-line E,W. Data unver.
Oconto Falls (Wis)	2.7 ENE;RR S			ABANDONED.
Outagamie Co. (Appleton,Wis)	2.2 ENE;RR S	750	29 S6	80,91 oct.P-line NW.
Park Township (Holland, Mich)	3 WNW;bay S	612	27 L4 S6	73,80 oct. No bcn. Lgts prior req.
Red Rock (Darlington,Wis)	5 SE;RR E		12 S1	80 oct. Data unver.
Richland Fly. Club (Sextonville,Wisc)	0.2 NW;riv W	724	23 S2	80 oct.Pole W,Trees E,SSE.
(P) Rock Co. (Janesville, Wis)	4.5 SSW;RR W	807	54h L5 S2	80, 91 oct.
Saugatuck-Douglas (Douglas, Mich)	1.8 S;hwy W	670	26 S2	80 oct. W blkd.
Shawano (Wis)	2.3 ENE;lake NE	813	40 L S6	80,91 oct. Poles SW.Lgts prior req.Rnwy data unv.
Shullsburg (Wis)	0.5 S	1000	18 S1	80 oct. Trees SW.Data unver.
Skyhaven (Milwaukee,Wis)	10.5 WNW;hwy N	800	25 S6	80 oct. P-line N. Trees E,S; hill W.
Sky Village (Plymouth, Wis)	1.8 WNW	900	18 S1	80 oct. Data unver.
(P) Stevens Point (Wis)	3 NE;hwy W	1090	40h S6	80, 91 oct.
(A) [Truax] (Madison, Wis)	5 NE;hwy E	859	60h L5 S6	80, 91 oct. ARMY TEMP INACT. CIVIL FACS.
Valley Airways (Neenah,Wis)	4 SSW;RR E	750	21 S2	80 oct.P-line E.Data unver.
Watertown (Wis)	1.2 S;riv W	820	24 S2	80 oct. Bldg W.
Waukegan (Ill)	3.5 NW;hwy E	725	22 L1 S5	80 oct. Bldg SE.
Waukesha Co. (Wis)	1.8 N;hwy NE	904	31 S6	80,91 oct. S, NW blkd.
Waupaca (Wis)	4 ESE;hwy S	853	29 S2	80 oct. P-line S,SW.
Waupun (Wis)	3.5 W;hwy SE			ABANDONED
West Bend Fly.Svc. (Wis)	2.5 E;riv S	880	21 L3 S6	80 oct. Fld lgts prior req Poles sur fld.N,NE,NW
Whitewater (Wis)	2 N;RR S	810	22 S5	80 oct. P-line blkd. ESE. E,ENE blkd.
(P) Winnebago Co.(Oshkosh,Wis)	2 SSW;RR NE	776	50h L1 S4	80,91 oct.No sto.P-line NE N,W.Rnwy data unver.
Wisconsin Dells-Lake Delton (Lake Delton, Wis)	0.8 SE;riv NW	910	24 S6	80,91 oct.P-line SE.
Wisconsin Skyways (Hales Corner, Wis)	0.7 SSE;hwy W	770	21 S2	80 oct. Trees SW.
Wisconsin Valley (Rothschild)	2 S;RR,hwy W	1180	30 S4	80 oct,P-line N,NW.

NEW FACILITIES

Northside (Muskegon,Mich)	5.4 NNE	590	29 S4	73 oct.No sto Refinery SW.
Oceana (Rothbury, Mich)	1 2 W;hwy E	700	30 S1	80 oct.
Oconto Mun. (Wisc)	1.5 SW;bay E	590	36 S2	80 oct.P-line N.Data unver.
Tomah (Wisc)	1 E;hwy S	970	18 S4	80 oct.180' hill E
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S.Hwy W
Castle Rock(Wonewoc,Wisc.)	1.1 NNW;RR S	960	19 S2	80 oct.P-line N,S.Trees W.
Tucker Fly. Service (New Lisbon,Wisc.)	1.6 NNW;riv E	880	13 S1	80 oct.Trees E.
Platte (Platteville,Wisc.)	3.1 E;RR E	1100	22 S2	80 oct.P-line NE,SW.Trees S,SE.
Coloma (Wisc.)	3.0 NW;hwy E	1065	26 S2	80 oct.N,S blkd.
Berlin (Wisc.)	2.9 W;hwy S	780	20 S1	80 oct.SE blkd.P-line SW.
Owen (Wis)	0.7 NE;RR,hwy S	1270		80 oct.P-line N,NE,SW,W,NW
Mauston (Lemonweir,Wisc)	2 W;RR N	880	15 S1	80 oct.N blkd.
Lake Geneva (Wisc)	5.5 NW;hwy E		29 S4	80,91 oct.Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column Indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.38 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


MINNEAPOLIS 14
SAULT STE. MARIE 15
SAULT STE. MARIE 15
DETROIT 31
MINNEAPOLIS 14
CHART 27
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 0°
OWEN
COLBY ABBOTSFORD
ALEXANDER
WISC. VALLEY
MARSHFIELD
STEVENS POINT
CLINTONVILLE
SHAWANO
OCONTO
CHERRYLAND
FRANKFORT
BINGAN CO.
NICOLET
WAUPACA
WAUTAGAMIC CO.
FC BLACKER
VALLEY AWYS
GINNOW
COLOMA
MANITOWOC
TOMAH
WINNEBAGO CO.
MASON CO.
CAMP WILLIAMS
TUCKER FLY SVC.
BERLIN
GREEN LAKE
FOND DU LAC
SKY VILLAGE
KOHLER
MAUSTON
CASTLE ROCK
LONE ROCK
278
116.1 MC.
WISC. DELLS
MAEL
BELL AERO SVC.
BEAVER DAM
OCEANA
MADISON
400
116.1 MC.
WEST BEND
GROB
BROWN DEER
MUSKEGON
263
NORTHSIDE
LONE ROCK INT
CURTISS WRIGHT
WATERTOWN
SAY HAVEN
MILWAUKEE
242
116.1 MC.
MUSKEGON CO.
RICHLAND FLY. CLUB
TRUAX
WAUKESHA CO.
MAITLAND
MOREY
FOUR LAKES
WHITEWATER
GEN. MITCHELL
278 MC. 118.9 MC.
WISC. SKYWAYS
NORWICK RACINE
PARK TOWNSHIP
PLATTE
JANESVILLE
ELKHORN AIR SVC.
AIR CITY
SAUGATUCK DOUGLAS
RED ROCK
ROCK CO.
LAKE GENEVA
SHULLSBURG
BADGER
BELOIT-SO. BELOIT
EVERGREEN
JOHNSBURG
LAKE CO.
CHICAGO 53
MILWAUKEE 29
236
371
307
311
188
134
224
98
278
99
44
314
205
172
137
256
47
358
152
350
338
25
STATUTE MILES
10
0
10
20
30
40
50

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abrams (Grand Ledge, Mich)	1.5 NE	844	26 S2	80 oct.S,W blkd.Trees E.
Allegan (Mich)	1.9 E; RR S	701	21 S4	80 oct.P-line SE.Trees NW.
Allen's (Pontiac, Mich)	5.5 NNE;RR W	1020	26 S6	80 oct. Pole NW;SW blkd.
(P) Alma (Mich)	1.3 NE;riv SE	750	32 S4	80 oct. Tanks S.
Au Gres (Mich)	0.9 NNW;hwy S	590	20 S1	80 oct.Poles SW. NW blkd.
Austin Lake (Kalamazoo,Mich)	8.5 SSE;lake N	860	27 S4	80 oct.Poles N.Trees E,S,W.
Aviation Co.Club(Galesburg)	1.8 WSW;lake S	800	19 S1	80 oct.Trees NE,NW(Mich)
Baker's (Port Huron, Mich)	3 NNW;riv N,E	585	26 S6	80 oct.Poles NW,N,S,SW
Baldwin (Mich)	1.3 SSE;RR W	835	23 S2	80 oct.Trees NE blkd.
Bangor (Breedsville, Mich)	0.6 WNW;RR E	654	18 S4	80 oct N blkd.Trees S
Barry (Saginaw, Mich)	3 WSW;riv S	599	19 S2	80 oct.
BATTLE CREEK Range(Kellogg)	272(JC)(116.1)	3°, 3.2	BMLZ-DTV	(4); 116.1 (Mich)
Beach (Charlotte, Mich)	1.8 ENE;RR NW	880	25 S6	80 oct.
Belding Fliers Inc. (Mich)	2.1 W;RR E	790	27 S6	80 oct.S blkd.Trees W,NE.
BISHOP Tower (Mich)	2.8 (118.3)		C	(4); 118.3, 122.5
(P) [Bishop] (Flint, Mich)	4 SSW;hwy N	781	50h L5 S6	80, 91 oct. Trees N,NE.
Brooks (Marshall, Mich)	1.3 S;hwy W	950	26 L3 S6	80 oct.P-line SW,W.
CADILLAC H Fac.(Int)(Mich)	269(KK)(116.1)		MHTV	(4):116.1,122.1
(P) Cadillac,23,TL-VC (Mich)	2.5 NW;RR E	1297	34 L3 S6	80 oct.
(P) [Capital City] (Lansing,Mich)	3.8 NW;RR S	857	42h L4 S6	73,80,91 oct.
Caro (Mich)	3 WSW;RR SE	741	22 S2	80 oct.S,SE blkd.
Center (Armada)	2.3 W;RR S	666	25 S1	80 oct.P-line N.
Croswell City (Mich)	1 W;RR,riv E	732	26 S1	80 oct. S blkd.
Dalton (Flushing, Mich)	2.2 E;riv 0.8 SW	735	26 S4	80 oct.N,S appchs blkd.
DETROIT H Fac (Mich)	338(D)	329°,2.2	MHW	(Cont.) Detroit
Doherty (Clare, Mich)	1 NE;hwy W	840	21 S1	80 oct. Rough-caution.
Elsie (Mich)	0.3 SSE;RR NNE	730	19 S2	80 oct. Bldg W.
Evart (Mich)	1 WSW;RR S	1035	24 S1	80 oct. P-line N,S.
FLINT H Fac. (Mich)	335(FN)(vhf)		MHTV	(3);116.1,122.1
Forrest (Fostoria, Mich)	3.4 S;riv SE	830	24 S1	80 oct.P-line sur fld.
Frankfort (Mich)	1.9 ESE	650	29 S2	73,80,91 oct.
GLADWIN H Fac. (Mich)	257 (GU		MHT	(4)
(P) Gladwin (Mich)	0.5 SSE;riv W	780	35 L3 S2	80 oct.
GRAND RAPIDS Range (Kent Co)	329(GR)(116.1)	303°,2.0	BMRLZ-DTV	(4); 116.1 (Mich)
Grand River Arpk (Comstock Park, Mich)	0.4 SW;riv E	614	30 S2	Fuel & sto P-lines S, N.
Greenville (Mich)	2.5 S;RR E	800	22 S2	80 oct.Poles W,NE,E
Harbor Beach (Mich)	2.5 W;rd S	670	20 L S2	80 oct.Floods prior req Poles SE,NE
Harrison (Mich)	2.3 NNW;hwy E	1100	26 S2	80 oct S blkd.Ctn-rough
Hastings (Mich)	3.2 WNW;RR SW	802	34 S6	80 oct.P-line N.Trees sur fld
Houghton Lake (Houghton Hgts)	1.2 WNW;lk NNE	1150	27 S2	73,80 oct Rdo twr W,N lgtd.
Howell (Mich)	0.8 N;lake E	930	20 L1 S1	80 oct.
Ionia (Mich)	3 S;hwy W	810	24 S6	80 oct. Poles W.
Jack Barstow (Midland,Mich)	1.4 ENE;RR S	634	27 S3	80 oct. Poles NE,SE.
James Clements (Bay City)	3.5 S;riv S,W	599	36 L1 S4	80 oct.Bcn prior req (Mich)
JACKSON H Fac. (Mich)	257 (JN)		MHT	(4)
Jewett (Mason, Mich)	1.3 SE;RR W	920	22 S2	73 oct. Poles W.
Johnson's (Ithaca, Mich)	1 ENE;RR S	750	17 S2	80 oct. Ltd sto.
(P) [Kellogg] (Battle Creek,Mich)	3 WSW;RR bcd W	936	62h L5 S6	80-100 oct.Lgts on req.
(P) [Kent Co.](Grand Rapids,Mich)	3.5 S;RR NE	681	44h L3 S6	80,91 oct Obst sur fld Rdo rep
Lakeview (Mich)	1.1 NNE;lake S	900	19 S6	80 oct.Trees N,E,NW.
LANSING Range (Capital City)	206(LI)(116.1)	280°,3.0	SBMRAZ-DTV	(4);116.1 (Mich)
(P) Lapeer (Mich)	2.4 ENE;RR S	830	34 S6	80 oct.Poles NW;bldg W,SW
La Porte (W.Branch,Mich)	6 SE;RR W	890	26	P-line NW.Trees NE,SW.
Leach (Hartford, Mich)	1 NNW;RR E	664	26 S5	80 oct.
(P) Lindbergh (Kalamazoo,Mich)	3 W;RR W	872	40h S6	80,91 oct.P-line SE,S.
Maple Rapids (Mich)	0.7 ESE;riv N	760	21 S2	80 oct.Obst sur fld,Ctn soft.
Marks (Lawton, Mich)	1 N; RR S	770	25 S5	80 oct. Poles W, ENE.
(P) Mecosta Co.,5,GR-TG (Big Rapids, Mich)	1.5 NW;RR E	928	39 L3 S4	80 oct. Pole SE
Miller (Eaton Rapids,Mich)	1 ENE;riv W	908	21 S1	80 oct.
NEW FACILITIES				
Hutchinson's Sunnyside (Moorland,Mich)	3.2 WNW;RR S	675	20 S2	80 oct.
Grant Mun (Mich)	1.8 ESE;RR E	705	27	Trees NE,E. E,S.
Daunder Fld(Fenton,Mich)	1.5 N;lk W	890	26 S1	80 oct.P-line W,NW,trees
David Airfld (Athens,Mich)	1.3 SSW;hwy E,S	915	26 S1	80 oct.Poles E,trees S,W.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Mt. Pleasant (Mich)	2.2 NE;riv N	755	36 S4	80,91 oct,E,SE,SW,W,NW blkd.
MUSKEGON Range (Muskego., Co)	263 (UK)	317°,2.8	BMRLZ-DT	(4) (Mich)
Newaygo (Mich)	0.8 SSE;hwy W	785	20 S5	80 oct. Trees S.
Northside (Muskegon,Mich)	5.4 NNE	598	29 S4	80 oct. All appchs blkd. Ctn-use strips.
(A) Oscoda AAF (Mich) (A)	3.5 NW;lake E	605	50h	
Park Twnship (Holland,Mich)	3 WNW;bay S	612	27 L4 S6	80 oct No bcn.Lgts prior req. Poles S,SE,W.
Paw Paw (Mich)	2 N;riv NE	720	24 S1	80 oct.Trees N,E,hill S,poles W
Pontiac (Mich)	6.4 WNW	970	21h L4 S6	80,91 oct.
(P) Reynolds (Jackson, Mich)	2.5 WNW;RR S	990	40h L5 S6	80,91 oct.P-line SE,S.Lgts on req
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roscommon (Mich)	2.5 SE;RR NE	1100	42	P-line S.
Roscommon Co.(Prudinville)	4.5 N;riv N	1150	24	Trees sur fld. (Mich)
SAGINAW H Fac. (Mich)	212 (SI)		MHT	(4)(cont)
Saginaw (Mich)	4.5 E;RR N,S	601	33 L4 S6	80 oct.P.Poles S,SE,SW. Lgts on req.,Trees NW,NE
St. Clair Co.(Port Huron,Mich)	5.5 SW;hwy S	650	23 L1 S5	80 oct.Poles NE,SE,SW.
St. Helen (Mich)	0.9 SE;RR NE	1153	26	
Saugatuck-Douglas (Douglas, Mich)	2 S;hwy W		26 S1	73 oct. Data unver.
Seely's (Davison, Mich)	4 WSW;RR N	780	20 S6	80 oct.N,NE blkd.
SELFRIDGE Army Range (Mt. Clemens, Mich)	388 (DLD)	119°,1.2	SBMRAZ	(3); 126.18
SELFRIDGE Tower (Mich)	396(126.18,137.88)+		CA (ILS-W)	(3);137.88 (GCA)
(A) Selfridge (Mt.Clemens,Mich) (A)	3 E;lake NE	583	60h L5 S6	73,100 oct.IP-1.Poles E. FOREIGN CLEAR.STN.
Shiawassee Co.(Owosso,Mich)	2 E;riv S;RR W	740	24 S2	80 oct. Poles sur fld.
Skyhaven (Saginaw,Mich)	2.5 N;riv E	600	28 S2	80 oct. Trees NE. N.
Sparta (Mich)	2.7 SE;RR W	752	25 S6	80 oct. Trees SE.
Timbers Sky Camp (S.Branch)	0.2 NE;riv E	950	24 S1	80 oct. (Mich)
(P) [Tri-City](Saginaw,Mich)	10 NW;RR SW	660	57h	"SVC & L6 LGTS FOR PCA ONLY"
West's (Clio, Mich)	4 SW;rd E	690	21 S2	80 oct.
White Cloud (Mich)	0.5 N	872	18	Twr SE P-lines NE,SW.
Wings (Utica, Mich)	2.5 SW;RR E	630	23 S1	73 oct.N,NE blkd.

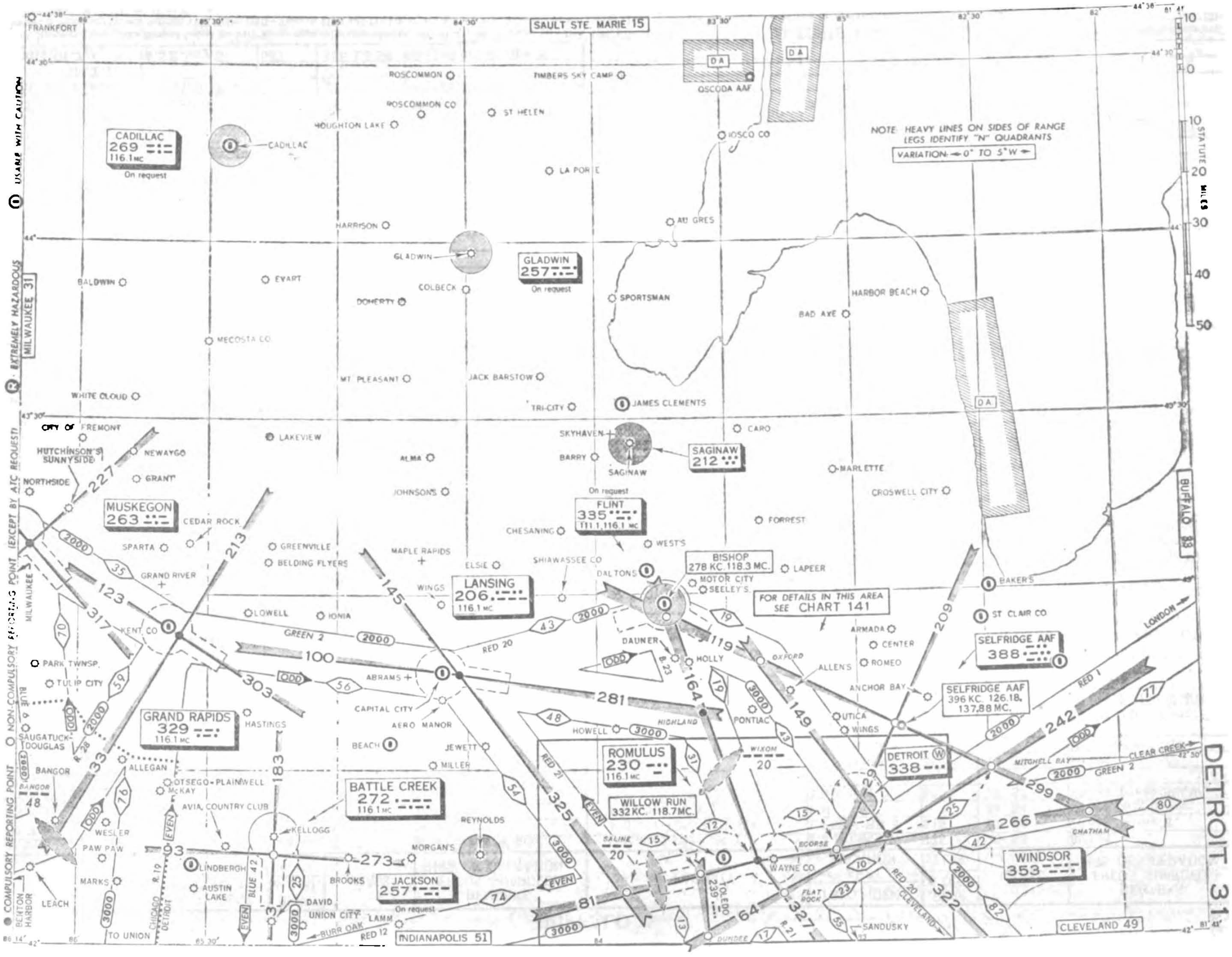
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
SELFRIDGE (A)	109.5	332.6	184°	IM- . (0.23)	MM- ••••••(0.83)	OM- — — (4.31)
					MMK-	OMK-
WILLOW RUN	109.5	332.5	50°	IM-	MM- • • • -(0.65)	OM- — — (5.80)
					MMK-341 — (0.65)	OMK- 359 • — — (5.80)

NEW FACILITIES				
Utica (Mich)	2.7 WNW;hwy S	710	20 S1	Ltd 80 oct.P-line NW,SE Soft
Romeo (Mich)	2 ESE;lake E	730	30 S1	80 oct.N blkd.Poles W.RR N,W
(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct.1-ech main. NG. ARPT OF ENTRY.
(P) [Willow Run](Ypsilanti)	4.5 E;riv S	715	74h L5 S1	RR N (Mich)
Anchor Bay (New Baltimore)	0.5 NNE	615	25 S2	80 oct Trees sur fld (Mich)
Armada (Mich)	3 NNE;RR 0.8 N	680	26 S2	80 oct S,W blkd Trees E
Bad Axe (Mich)	1.2 SW	760	22 S2	80 oct.P-line NE,SE Twr
Chesaning (Mich)	0.8 W;hwy NE	639	24 S1	80 oct P-line E,S NW
City of Fremont/Fremont,Mich	2.8 SW;RR NW	800	30 S1	80 oct Poles S,NW
Aero Manor(Millett,Mich)	1.4 E;riv NW	858	30 S5	80 oct.Poles NW,trees NE,NW
Holly (Mich)	1 NW;lk E;RR S	913	20 S2	80 oct Trees NE,W,S
Iosco Co.(E.Tawas,Mich)	1 N;lake 0.5 N	597	19	P-line W
Knapp (New Hudson,Mich)	0.5 SW;RR SE	947	25 S1	80 oct N blkd
Lowell (Mich)	1.3 N;riv SE	700	18	Trees NW
McKay(Plainwell,Mich)	1.5 W;riv N	732	26 S2	80 oct Trees N,S,SW
Morgan's(Albion, Mich)	2.2 E;hwy N	965	21 S6	80 oct P-line N Trees NE,
Wesler (Gobles,Mich)	0.6 SSW;hwy E	690	24 S2	73,80 oct E blkd S,SW P-line N. Tree W
Tawas City (Mich)	1 WSW;rd S	595	19 S1	80 oct.P-lines S,SE,SW
WINDSOR Range (Ont.Can.)	353(QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5
WILLOW RUN Tower (Mich)	332(118.7)		C(ILS)	(4);118.7
Tulip City(Graafschap,Mich)	1.5 ESE;RR E	680	26 S2	80 oct.P-line W,S. Hwy W.
Wings (St.Johns,Mich)	2.7 SW;RR N	760	21 S1	80 oct,Trees SE,NE.
Otsego-Plainwell Mun(Plainwell,	1.5 N;riv NW	727	26 S2	80 oct.Poles E,S. (Mich)
Ceadar-Rock(Edgerton,Mich)	0.8 SE;RR W	750	25 S1	80 oct.Poles SW.
Motor City Sky Park(Flint,Mich)	3.7 E;RR S	795	21 S1	80 oct.Trees NE,NW.
Marlette (Mich)	1.3 N;hwy W	825	18 S1	80 oct.Trees S,NW.
Sportmans (Pinconning,Mich)	1.7 ESE;riv N	592	27 S2	80 oct.Trees SW,NW.
Union City (Mich)	1 SW	900	27 S2	80 oct.Trees N,ENE,S.
Lamm (Litchfield,Mich)	2 N	957	22 S2	80 oct.P-line N,trees E.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4496, 6210 kcs. (4) - 3105, 4496, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 187.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4796 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page X111) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


SAULT STE. MARIE 15
FRANKFORT
ROSCOMMON
TIMBERS SKY CAMP
QSCODA AAF
ROSCOMMON CO
ST HELEN
HOUGHTON LAKE
IOSCO CO
CADILLAC 269 116.1 MC On request
CADILLAC
LA PORTE
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 0° TO 5°W
HARRISON
AU GRES
GLADWIN
GLADWIN 257 On request
BALDWIN
EVART
COLBECK
DOHERTY
SPORTSMAN
HARBOR BEACH
BAD AXE
MECOSTA CO.
MT. PLEASANT
JACK BARSTOW
WHITE CLOUD
TRI-CITY
JAMES CLEMENTS
CITY OF FREMONT
LAKEVIEW
SKYHAVEN
CARO
BARRY
SAGINAW 212 On request
SAGINAW
HUTCHINSON'S SUNNYSIDE
NEWAYGO
NORTHSIDE
GRANT
ALMA
MARLETTE
JOHNSONS
CROSWELL CITY
MUSKEGON 263
CEDAR ROCK
FLINT 335 111.1, 116.1 MC
FORREST
CHESANING
WEST'S
SPARTA
GREENVILLE
BELDING FLYERS
MAPLE RAPIDS
ELSIE
SHIAWASSEE CO
BISHOP 278 KC, 118.3 MC.
DALTONS
LAPEER
MOTOR CITY
SEELEY'S
GRAND RIVER
WINGS
LANSING 206. 116.1 MC
FOR DETAILS IN THIS AREA SEE CHART 141
BAKER'S
LOWELL
IONIA
ARMADA
CENTER
ST CLAIR CO
SELFRIDGE AAF 388
KENT CO
DAUNER
HOLLY
OXFORD
ALLEN'S
ROMEO
PARK TWNSP.
TULIP CITY
ABRAMS
ANCHOR BAY
SELFRIDGE AAF 396 KC, 126.18, 137.88 MC.
CAPITAL CITY
AERO MANOR
GRAND RAPIDS 329 116.1 MC
HASTINGS
PONTIAC
UTICA
WINGS
SAUGATUCK-DOUGLAS
BEACH
JEWETT
HOWELL
HIGHLAND
ROMULUS 230 116.1 MC
DETROIT (W) 338
MILLER
WIXOM
BANGOR
ALLEGAN
OTSEGO-PLAINWELL
McKAY
BATTLE CREEK 272 116.1 MC
AVIA COUNTRY CLUB
WILLOW RUN 332 KC, 118.7 MC.
MITCHELL BAY
CLEAR CREEK
REYNOLDS
KELLOGG
WESLER
PAW PAW
MORGAN'S
SALINE
WAYNE CO.
WINDSOR 353
LINDBERGH
MARKS
AUSTIN LAKE
BROOKS
JACKSON 257 On request
DAVID
UNION CITY
LAMM
BURR OAK
LEACH
TO UNION
INDIANAPOLIS 51
FLAT ROCK
SANDUSKY
CLEVELAND 49
DUNDEE
TOLEDO 239
CHATHAM
LONDON
DETROIT 31
BUFFALO 83
STATUTE MILES
USARE WITH CAUTION
EXTREMELY HAZARDOUS
MILWAUKEE 31
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
DA

BUFFALO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albion (N.Y.)	0.8 S;hwy W	600	29 S1	80,91 oct.E,W blkd.
Angola (N.Y.)	1.4 N;RR SE	610	15 S1	80 oct.
Arcade (N.Y.)	2 N;RR E,W	1740	22 S4	Ltd 80 oct.
Audubon (Getzville,N.Y.)	1.7 SSW;RR SW	580	19 S6	80 oct.
Barker (N.Y.)	0.6 NW;RR S	340	13 S6	80 oct.ESE blkd.
➔Batavia (N.Y.)	2.4 NNE;rd W	910	30 S6	80 oct.P-line W;trees S.
Bath-Hammondsport (Hammondsport,N.Y.)	2 SSW;hwy SE	725	18 S1	80 oct.Hill 0.6 E.Data unverified.
Becker (Brockton,N.Y.)	0.7 S;RR S	320	15	
Brizee-Harmon (Pittsford, (N.Y.)	2 E;RR N	422	25 S4	80 oct.P-line S,NW,SW.
BUFFALO Range (N.Y.)	260(BJ)(116.1)	230°,0.9	SBRAZ-DTXV	(3);116.1
BUFFALO Tower (N.Y.)	278(126.18, 118.5)		AC(ILS-W)	(4);126.18,122.5,118.5
(A)[Buffalo](N.Y.)	6.1 ENE;RR N	711	56h L6 S6	80-100 oct;100 oct Army ARPT OF ENTRY.
Buffalo Arpk (Gardenville)	1.5 ENE;rd S	680	27 S6	80 oct. (N.Y.)
CLEAR CREEK Range (Ontario,Canada)	248(QO)		BRAZ-T	(4)
Commercial (Rochester)	7.3 WSW;RR S	570	18 S4	80 oct.P-line W. (N.Y.)
Country Club (Clarence,N.Y)	2.3 E;RR S	800	36 L S6	80 oct.Port lgts on req. Trees SW.
County Line (North Tonawanda,N.Y.)	3.4 E;RR SW	577	21 S4	80 oct.
DANSVILLE MH Fac (N.Y.)	212 (DA)(116.1)		MHTV	(4);116.1
Dansville (N.Y.)	1 NW;RR NE	662	40h L3 S6	80 oct.P-line N.
DUNKIRK H Fac (N.Y.)	239(DK)(116.1)		MHTV	(4);116.1
Dunkirk (N.Y.)	3 E;RR N,S	692	40h L5 S6	80,91 oct.
Fredonia (N.Y.)	3.5 W;RR SE	620	26 S2	80 oct.P-line N,E.
Gowanda (N.Y.)	1.4 NNW;crk W	760	22 S6	80 oct.
Graf (Lockport,N.Y.)	2.8 N;RR S	380	15 S6	80 oct.
Hamburg (N.Y.)	2 NNW;RR W	722	23h S4	80 oct.P-line NE.
Hilton (N.Y.)	2.6 WSW;RR N	325	16 S1	80 oct.Fence E,S,SE.
Honeoye Falls (N.Y.)	0.8 SW;RR E	700	20 S4	80 oct.P-line NE,NNW.
Hornell (N.Y.)	3.5 NNW;RR SW	1170	24 S6	80 oct.Wooded hills sur fld.
Hylan (Rochester,N.Y.)	6 S;RRs N,S,W	525	27 S6	80 oct.Trees E.
Lakeview (Burt,N.Y.)	2.2 W;RR S	300	13	
Lakeview (N.Y.)	1.5 E;hwy W	750	19 S2	80 oct.
Lee (Lockport,N.Y.)	1.8 SSE;hwy N	640	18h S2	80 oct.P-line N.
LONDON Range(Ontario, Canada)	382 (XU)	144°,3.3	SBRAZ-T	3105,6210,3117.5
LONDON Tower (Ontario, Canada)	278		CI	3105,6210,3117.5
Mason (Geneva,N.Y.)	3.5 WSW;RR SE	790	19 S1	80 oct.P-line S.
Meacham-Genesee (Rochester,N.Y.)	6 S;RR N	564	22 L S6	80 oct.Flood lgts in emerg.
Medina (N.Y.)	2 W;RR S	500	21 S1	80 oct.Obst sur fld.
NIAGARA FALLS Tower (N.Y.)	272 (126.18)◆		CI	(4);126.18,122.5 (7-21)
(P)[Niagara Falls](N.Y.)	4.5 E;hwy S	587	55h L5 S4	80-100 oct.P-line E.
Orchard Park (N.Y.)	2.2 N;hwys W	775	20 S3	80 oct.
Palmer (Olcott,N.Y.)	1.2 SSW;RR S	315	17 S2	73 oct.P-line E.
Palmyra (N.Y.)	1 N		24 S4	80 oct.Data unver.
Pembroke (E.Pembroke, N.Y.)	2.5 W;hwy S	900	17 S2	80 oct.Trees SW,W.
Penn Yan (N.Y.)	1.1 S;lake W	850	20 S2	80 oct.
Perry Central (N.Y.)	1.7 NNW;lake SSW	1400	23	P-line,trees N,E.
Perry-Warsaw (Perry,N.Y.)	3 WNW;hwy N	1555	15 S2	80 oct.Data unver.
Ridgeway (Rochester,N.Y.)	3.7 W;canal ESE	530	18 S1	80 oct.P-line W,NW,SE
ROCHESTER Range (N.Y.)	206(RC)(116.1)	298°,2.2	BMRLZ-DTV	(4);116.1
ROCHESTER Tower (N.Y.)	278		CI	3105,4495 (8-24)
(N)[Rochester] (N.Y.)	3.7 SW;riv S	549	44h L5 S6	80,91 oct.ARPT OF ENTRY.NATS(Hospital flights)
Rushville (N.Y.)	2.5 NNE	1120	20 S1	Data unver.
Scenicaire (Geneva,N.Y.)	3 S;lake E	550	27 S4	80,91 oct.
Scott (Lancaster,N.Y.)	1.5 E;RR N,S	680	22 S1	80 oct.P-line SW.Rnwy data unver.
Seneca Falls (N.Y.)	2.2 SE	490	28 S2	80 oct.
Shawnee (North Tonawanda,N.Y.)	4.5 NNE;riv SE	580	33 S6	80 oct.P-line E,W.
Sheridan (Williamsville)	2.5 NE;hwy SE	640	38 S6	80 oct. (N.Y.)
Silver Creek (N.Y.)	1 WSW;hwy SE	720	11	Trees E,NW.
Silver Springs (N.Y.)	0.5 E;lake NE	1420	15 S1	80 oct.
Springville (N.Y.)	1.5 NE;RR W	1395	26 S4	80 oct.P-line N,E.Rnwy data unver.
Steffen (E. Amherst,N.Y.)	3.5 N	582	22 S6	80 oct.Obst sur fld.
STIRLING (Ontario,Canada)	335 (QC)	171°, 14.0	SBRAZ-T	3105,6210,3117.5
Tonawanda (N.Y.)	3 SSW;RR E	610	30h S4	80 oct.Rough.Obst sur fld.
TORONTO Range (Ontario, Canada)	368(YZ)	17°,4.0	SBRAZ-TX	3105,6210,3117.5
TORONTO Tower (Ontario)	278		CI	(4) (Canada)
Transit (Depew,N.Y.)	2 SSW;RR N	670	13 S2	80 oct.Trees,bldg E.
Wallington (Sodus,N.Y.)	2.5 ESE;RR S		17 S2	80 oct.Wires S.Ctn when wet.Data unver.
Werle (Dunkirk,N.Y.)	1.8 ENE;RR N,S	640	22 S1	80 oct.P-lines,trees sur fld.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BUFFALO	109.9	333.8	232°	IM–	MM–•—•—(0.66)	OM– — — (4.20)
					MMK	OMK-201 —•—
				IM–	MM–	OM–
					MMK-	OMK-

NEW FACILITIES

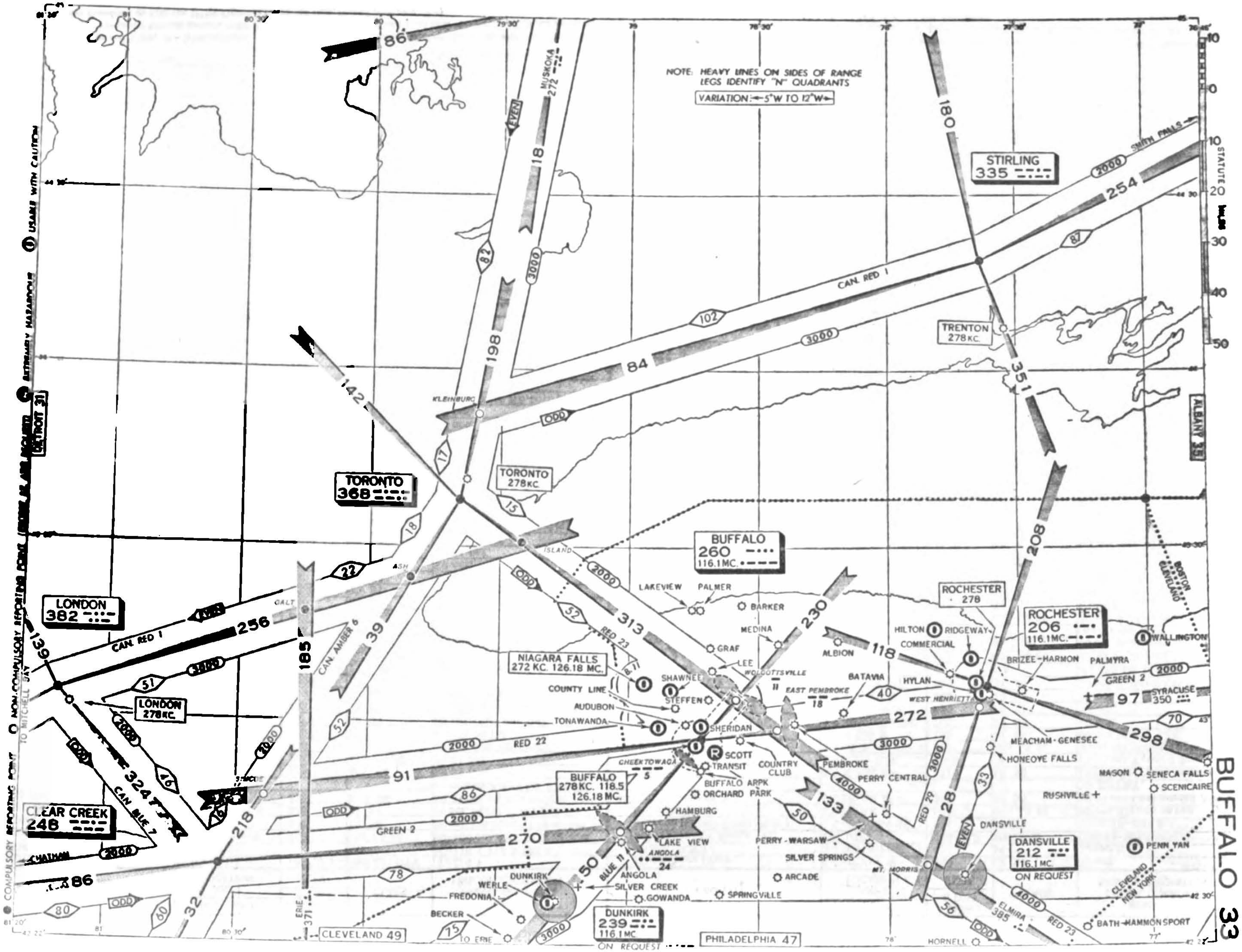
TRENTON Tower (Ontario, Canada)	278		CA	3105,6210

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII)

➔ New or revised data. [Jones]–Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 5°W TO 12°W
STIRLING 335
TRENTON 278 KC.
TORONTO 278 KC.
TORONTO 368
BUFFALO 260 116.1 MC.
ROCHESTER 278
ROCHESTER 206 116.1 MC.
LONDON 382
LONDON 278 KC.
NIAGARA FALLS 272 KC. 126.18 MC.
BUFFALO 278 KC. 118.5 126.18 MC.
CLEAR CREEK 248
DUNKIRK 239 116.1 MC
DANSVILLE 212 116.1 MC.
ON REQUEST
CLEVELAND 49
PHILADELPHIA 47
ALBANY 35
BUFFALO 33
CAN. RED 1
CAN. AMBER 6
CAN. BLUE 7
MUSKOKA
SMITH FALLS
KLEINBURG
ISLAND
ASH
GALT
TO MITCHELL JAY
LAKEVIEW
PALMER
BARKER
MEDINA
GRAF
LEE
WOLCOTTSVILLE
SHAWNEE
STEFFEN
COUNTY LINE
AUDUBON
TONAWANDA
SHERIDAN
EAST PEMBROKE
BATAVIA
ALBION
HILTON
RIDGEWAY
COMMERCIAL
HYLAN
WEST HENRIETTA
BRIZEE-HARMON
PALMYRA
WALLINGTON
GREEN 2
SYRACUSE 350
MEACHAM-GENESEE
HONEOYE FALLS
MASON
SENECA FALLS
SCENICAIRE
RUSHVILLE
PENN YAN
BOSTON CLEVELAND
CLEVELAND NEW YORK
BATH-HAMMONSPORT
SCOTT TRANSIT
COUNTRY CLUB
PEMBROKE
PERRY CENTRAL
BUFFALO ARPK
ORCHARD PARK
HAMBURG
LAKE VIEW
ANGOLA
DUNKIRK
WERLE
FREDONIA
BECKER
TO ERIE
ANGOLA
SILVER CREEK
GOWANDA
SPRINGVILLE
PERRY-WARSAW
SILVER SPRINGS
ARCADE
MT. MORRIS
DANSVILLE
ELMIRA 385
HORNELL
CHEEKTOWAGA
ERIE
CHATHAM
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
STATUTE MILES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
ALBANY Range (N.Y.)	263(AZ)(116.1)	195°,3.1	SBRAZ-DTV	(3);116.1
ALBANY Tower (N.Y.)	278 (118.3)		AC	(4);116.1,118.3,122.5
[Albany] (N.Y.)	6.9 NNW;riv N	282	35h L5 S6	80-100 oct.ARPT OF ENTRY
Amsterdam (N.Y.)	6 N;rd NW	887	18 S6	80 oct.Ltd 91 oct.Use strips
Auburn (N.Y.)	3.7 NNW;lake E	525	24 S4	80 oct.Poles,trees sur fld.
Austin (Swanton,Vt)	1.7 NE;RR .4 SE	235	21 L S6	80,91 oct.Port rnwy lgts prior req.ARPT OF ENTRY
Ballston Spa (N.Y.)	3 N;RR E	433	40h S4	80,91 oct.
(P)[Barre-Montpelier](Barre,Vt)	3 W;pond SW	1149	41h L5 S6	80,91 oct.
Bennington (Vt)	2.5 WNW	830	13 S1	80 oct.470' hill WNW.
Bonnie Brae (Owasco,N.Y.)	1.7 SW;RR W	960	17	Cattle on fld.
Boonville (N.Y.)	4.5 ESE;riv NE	1273	29 S1	80 oct.Obst sur fld.
Bradley (Watertown,N.Y.)	2.2 N;RR E	435	25 S6	80 oct.P-line W,SW;S blkd.
Brattleboro-Hinsdale(Hinsdale)	2.7 NW;RR W	360	18 S4	80 oct.Flares prior req.(N.H)
Briggs (Carlisle,N.Y.)	0.6 SE;RR W	1320	12	
Bristol (Vt.)	0.7 W;riv SE	570	21 L S6	80 oct.Port rnwy lgts prior req.
BURLINGTON Range (Vt)	323 (JG)(116.1)	151°,2.8	SBRAZ-DTV	(3);116.1. ENE blkd.
BURLINGTON Tower (Vt)	278 (126.18,118.7)		C	(4);126.18,122.5,118.7.
(NG)[Burlington] (Vt.)	3 E;riv NE	334	44h L5 S6	80,91 oct.ARPT OF ENTRY
Canastota (N.Y.)	1.3 WSW;RR N	540	22 L1 S1	80 oct.
Carthage (N.Y.)	1 E;RR NW	740	20 S1	80 oct.P-line W.
Cayuga (Ithaca,N.Y.)	3.8 WNW;hwy E	1280	23 S1	80 oct.P-line E.
Champlain (Colchester,Vt)	6.3 W;RR W	120	17 S4	80 oct.
Cicero (N.Y.)	0.5 NW;lake SW	416	21 S4	80 oct.
Claremont (N.H.)	1.3 W;riv NE	520	28h S6	80,91 oct.
Colgate University (Hamilton)	5.4 N;RR W	1178	25 S6	80 oct. (N.Y.)
Cooperstown (N.Y.)	1.4 NNW;RR SE	1160	16 L S4	80 oct.P-lines S.Port lgts.
Corinth (N.Y.)	1 SW;RR 0.5 W	620	13 S1	80 oct.WNW blocked.
Cortland (N.Y.)	1.8 WSW	1144	30 S6	80 oct.Wooded ridge E.
Damon (Pottsdam, N.Y.)	1.5 E;hwy S	460	20 S1	80 oct.P-line N.Strips rough
(P)[Dillant-Hopkins](Keene,N.H.)	2 S;riv 0.8 W	481	40h L S6	80,91 oct.Flares prior req.
Duanesburg (N.Y.)	0.1 S	710	20 S2	80 oct.Bldgs E;trees W.
Eaton (Norwich,N.Y.)	2.5 N;riv,RR E	1015	20 S1	80 oct.Wooded ridge E.
Equinox (Manchester,Vt)	1 SE;riv E,N	700	18 S4	80,91 oct.
Fair Haven (Vt.)	1.5 NNW	370	20 S4	80 oct.
Fairmont (East Montpelier,Vt)	0.8 SSE;RR W	745	19 S4	80 oct.
Fair View Farm (Williamstown)	4 SW;riv E	954	17 S1	80 oct.Trees NE,NNE(Mass
Fort Plain Int,40A,CV-AZ (N.Y.)	3 NNW;RR NE	720	35 L3	
Fulco (Johnstown,N.Y.)	1 SE;hwy S	840	22 S4	80 oct.Data unver.
Fulton (N.Y.)	2.6 NNE;rd W	469	40h L2 S4	80 oct.Lgts prior req.
Fulton Arpk (N.Y.)	0.5 W;riv E	360	20 S6	80 oct.Brush WNW.Rnwy data unver.
GLENS FALLS MH Fac (N.Y.)	206(GB)(116.1)		MHTV	(4);116.1.
Glens Falls (N.Y.)	2.6 NW;rd S	474	36h S6	80 oct.
Glove City (Gloversville,N.Y.)	1.5 NE;RR S	860	17 S1	80 oct.
Hartness (Springfield,Vt)	3.8 NNW;riv E	570	20 S6	80 oct.
Hayduk (Herkimer,N.Y.)	0.6 SSW;RR N	400	12 S4	Ltd 80 oct.P-line E.
Hudson Falls (N.Y.)	1.3 NE;riv 1 SW	295	23 S1	80 oct.P-line S.
Intercity (Schenectady,N.Y.)	3.6 SSE;RR NE	340	20 S4	80 oct.
Ithaca (N.Y.)	1.3 NW;inlet E	386	25h L1 S6	80,91 oct.
Jewett (Jonesville,N.Y.)	0.5 NE	340	22 S2	80 oct.
Keene (N.H.)	3 NW;RR W	500	21	CLOSED.
Keeseville (N.Y.)	1.4 S;riv WNW	490	20	P-line W.
Keyes-Oneonta (Oneonta,N.Y.)	1.5 W	1000	27 S4	80 oct.Obst sur fld.
Kirkville (N.Y.)	0.3 W;RR W,N	434	19 S1	80 oct.P-line E.
Ladd's (Mexico,N.Y.)	0.6 W;RR N	383	20 S1	Ltd 73 oct.P-line NE.
Lake Placid (N.Y.)	2 SE;RR NW	1750	21 S1	80 oct.
LEBANON MH Fac (N.H.)	209 (LP)(116.1)		MHTV	(4);116.1 (Manned 7-23)
(P)Lebanon (N.H.)	3.3 WSW	579	40h L5 S6	80,91 oct.Lgts prior req.
Long Meadow (Rexford,N.Y.)	1.5 NE;RR N,W	380	20 S1	80 oct.E,NNE blocked.
Malone-Dufort (Malone,N.Y.)	2 W;RR N	790	40h S1	80 oct.ARPT OF ENTRY.
Marcy (Keene,N.Y.)	2.5 S;hwy E	1000	18	Mtns N,S.
[Massena](N.Y.)	2.2 E;riv SE	200	40h L4 S6	80 oct.Trees WSW.NNE. ARPT OF ENTRY.
Middlebury (Vt.)	2.5 SE;hwy W	440	17 S4	80 oct.
Minoa (N.Y.)	0.3 NW;RR SW	430	14	Trees E.
MONTPELIER Range (Vt)	257 (UV)	230°,2.8	MRLWZ	(Barre-Montpelier)
Moreau (Glens Falls, N.Y.)	4.3 SSW;hwy SE	344	15 S1	80 oct.P-line S.
Newport (Vt.)	3 SSW;RR E	930	40h L2 S6	80 oct.All lgts on req.
Ogdensburg (N.Y.)	1.5 SE;RR W	285	30 S6	80,91 oct.Obst sur fld.ARPT OF ENTRY.
Piseco (N.Y.)	0.5 N;hwy SW	1710	19 S2	Ltd 80 oct.Trees,brush NNE
Plateau (Northville,N.Y.)	2.5 E;riv ESE	1040	24 S6	80,91 oct.Trees S.Rough.
(P)[Plattsburg Mun] (N.Y.)	3.4 WSW;riv SW	375	50h L5 S1	80,91 oct.Fld lgts prior req.
Point Hill (St. Albans,Vt)	3.5 W;bay E	155	14 S4	80 oct.Wires ESE.
Post Mills (Thetford,Vt.)	4.7 NNW;lake NE	700	25 S2	80 oct.
Reagan (Norwood,N.Y.)	1.8 WSW;riv E	330	18 S1	80 oct.
Red Creek (N.Y.)	0.8 SSE;RR N	355	18 S1	80 oct.
Richland (N.Y.)	0.6 NE;RR SW	560	21 S4	80 oct.P-line S.Ctn when wet.
ROME AAF Tower (N.Y.)	396 (126.18)+		CA	(4);126.18, (8-22)
(A)Rome AAF (N.Y.)(A)	2.5 NE	473	63h L5 S6	62,73,91,100 oct.JP-1.
Ross (Pulaski,N.Y.)	3 SE;riv N	500	25 L S6	80 oct.Port rnwy lgts prior req.Trees WSW.
(P)[Rutland] (Vt)	5.8 SSE;crk W	784	40h L3 S6	80 oct.All lgts prior req.
Sacandaga Park (Northville,N.Y)	1 SW;RR W	770	13	CLOSED.
[Saranac Lake] (N.Y.)	5.3 NW;RR NW	1655	40h L2 S4	80 oct.Lgts prior req.
(P)Schenectady County (N.Y.)	3 N;RR SE	362	50h L5 S6	80,91,100 oct.
Schoharie County (Richmondv'l)	1.3 NE;RR N	1000	16 S1	80 oct.Trees E. (N.Y.)
Schuylerville (N.Y.)	2.5 S;riv E	100	29 S1	80 oct.Trees N,S.
Sky Haven (Delanson,N.Y.)	0.9 NW;RR SE	1100	17 S2	80 oct.ESE,W blkd.
Smithport (Utica,N.Y.)	3.5 SSE	1150	20h S1	80,91 oct. Data unver.
Steenburgh (Gloversville,N.Y.)	1.5 ENE;RR N	900	8	CLOSED.
Stevens (North Adams,Mass)	2.8 WSW;RR N	690	12	Emerg use only.
Stewart (Massena,N.Y.)	2.1 SE;RR NE	210	20	CLOSED.
Stone Arabia (Fort Plains,N.Y.)	3.6 ENE;hwy E	880	18	P-line NNW.
Sunnybrook (Clayton,N.Y.)	3.4 S;hwy E	390	18 S1	80 oct.ESE blocked.
Syracuse (N.Y.)	3.5 NNE;hwy W	419	55h	CLOSED.
SYRACUSE Range (N.Y.)	350 (SR)(116.1)	178°,2.2	SBRAZ-DTV	(3);116.1)
SYRACUSE MUN Tower (N.Y.)	278		C	(4):122.5
[Syracuse Mun] (N.Y.)	5.9 WNW;RR N	396	50h L5 S6	80,91 oct.Rdo rec rqrd.
Ticonderoga Int,22,LG-UL (N.Y)	2.7 NNE;rd E	210	32 L3 S1	80 oct.Obst sur fld.
Troy (N.Y.)	2 SSE;lake N	325	30 L4 S6	80,91 oct.ENE,W blkd.
Tupper Lake (N.Y.)	1 E;riv SE	1680	14	Use strips.P-line W.Rough.
Twin State (White River Jct,Vt)	1 SW;riv,RR E	540	19h L S6	80,91 oct.Port rnwy lgts
UTICA Range (N.Y.)	359 (UA)(116.1)	151°,3.0	BMRLZ-DTV	(4);116.1 prior req.
Utica (N.Y.)	7.8 NW;hwy S	525	31 L1 S6	80,91 oct.Tower W.hill N:
Valley (Middleburg,N.Y.)	1.5 NNW	635	20 S4	80 oct.Data unver. trees E
Vaughan (Johnstown,N.Y.)	1 E;hwy W	760	18	CLOSED.
[Warren County](Glens Falls)	2.4 NNE;RR N	325	40h L5 S1	80,91 oct.(N.Y.)
(P)[Watertown] (N.Y.)	5.5 WNW;hwy N	325	50h L5 S4	80,91 oct.ARPT OF ENTRY.
Westport (N.Y.)	2 S;RR W	285	22 S2	80 oct.
Winchester (N.H.)	1.2 N;riv S,W	460	24 S1	80 oct.

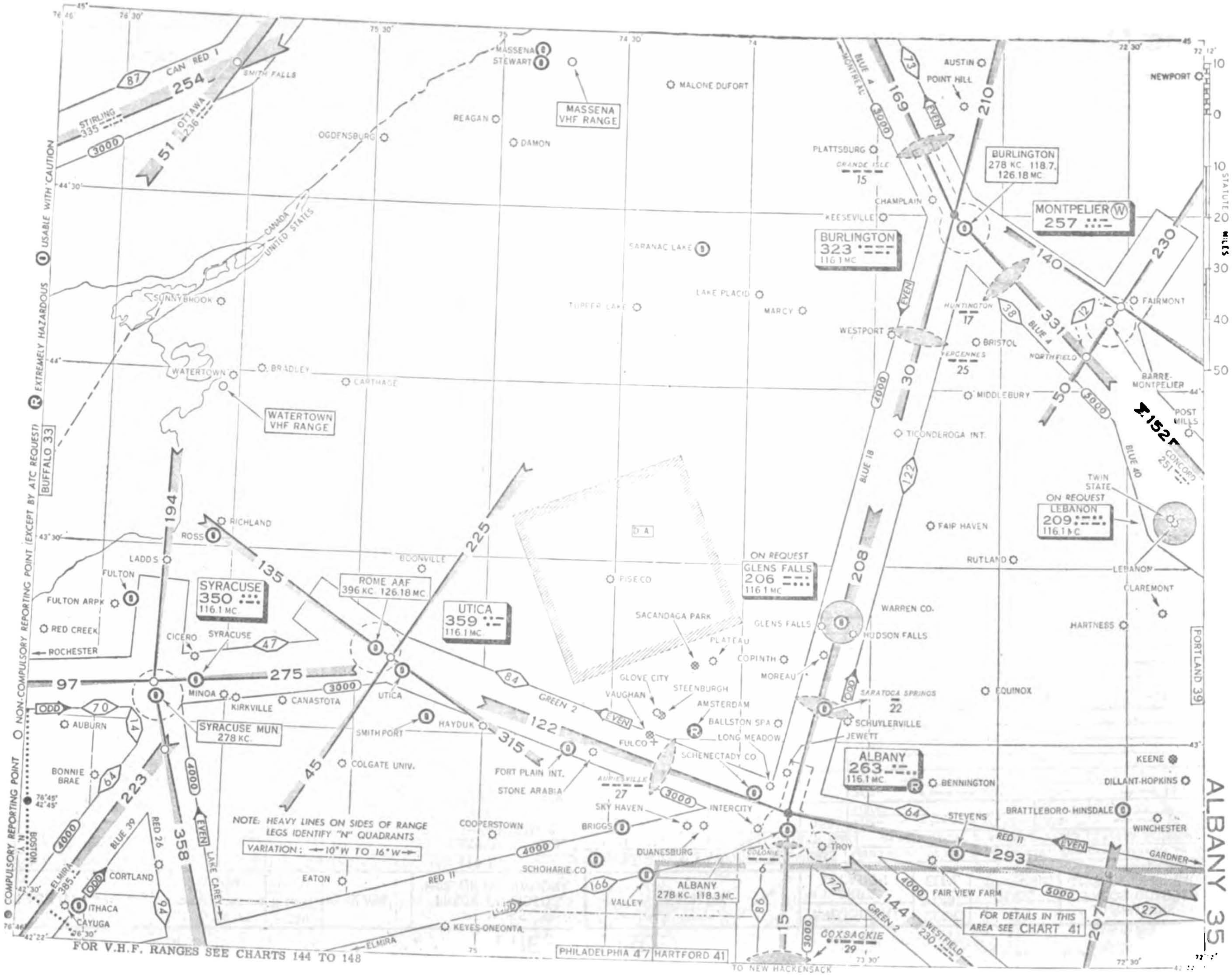
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM–	MM–	OM–
					MMH–	OMH–
				IM–	MM–	OM–
					MMH–	OMH–

NEW FACILITIES

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII) →New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


MASSENA
STEWART
MASSENA VHF RANGE
MALONE DUFORT
CAN RED 1
87
254
SMITH FALLS
STIRLING
335
OTTAWA
236
3000
51
REAGAN
DAMON
OGDENSBURG
PLATTSBURG
GRANDE ISLE
15
BLUE 4
MONTREAL
73
169
EVEN
AUSTIN
POINT HILL
210
NEWPORT
BURLINGTON
278 KC. 118.7 MC
126.18 MC
MONTPELIER (W)
257
CHAMPLAIN
KEESEVILLE
BURLINGTON
323
116.1 MC
SARANAC LAKE
LAKE PLACID
TUPPER LAKE
MARCY
CANADA
UNITED STATES
SUNNY BROOK
WESTPORT
HUNTINGTON
17
38
331
12
FAIRMONT
BRISTOL
VERGENNES
25
NORTHFIELD
140
230
BARRE-MONTPELIER
MIDDLEBURY
POST MILLS
TICONDEROGA INT.
WATERTOWN
BRADLEY
CARTHAGE
WATERTOWN VHF RANGE
BUFFALO 33
194
RICHLAND
ROSS
LADDS
FULTON
FULTON ARPK
RED CREEK
ROCHESTER
SYRACUSE
350
116.1 MC
CICERO
SYRACUSE
47
ROME AAF
396 KC. 126.18 MC
BOONVILLE
UTICA
359
116.1 MC
135
225
45
97
275
3000
MINOA
KIRKVILLE
CANASTOTA
UTICA
84
GREEN 2
122
315
70
ODD
AUBURN
14
SYRACUSE MUN
278 KC.
SMITH PORT
HAYDUK
FORT PLAIN INT.
STONE ARABIA
COLGATE UNIV.
BONNIE BRAE
64
223
4000
358
EVEN
LAKE CAREY
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10°W TO 16°W
COOPERSTOWN
BRIGGS
SKY HAVEN
INTERCITY
DUANESBURG
SCHOHARIE CO
EATON
RED 11
166
ALBANY
278 KC. 118.3 MC
VALLEY
KEYES-ONEONTA
ELMIRA
ITHACA
CAYUGA
CORTLAND
ELMIRA
385
BLUE 39
RED 26
94
42°22'
76°46'
PHILADELPHIA 47
HARTFORD 41
TO NEW HACKENSACK
ON REQUEST
GLENS FALLS
206
116.1 MC
PISECO
SACANDAGA PARK
GLENS FALLS
PLATEAU
COPINTH
MOREAU
WARREN CO.
HUDSON FALLS
208
BLUE 18
122
FAIR HAVEN
RUTLAND
ON REQUEST
LEBANON
209
116.1 MC
TWIN STATE
LEBANON
CLAREMONT
HARTNESS
BLUE 40
CONCORD
251
FORTLAND 39
SARATOGA SPRINGS
22
EQUINOX
SCHUYLERVILLE
JEWETT
VAUGHAN
GLOVE CITY
STEENBURGH
AMSTERDAM
BALLSTON SPA
LONG MEADOW
FULCO
SCHENECTADY CO.
ALBANY
263
116.1 MC
BENNINGTON
KEENE
DILLANT-HOPKINS
BRATTLEBORO-HINSDALE
WINCHESTER
STEVENS
RED 11
293
GARDNER
TROY
COLONIE
FAIR VIEW FARM
72
144
GREEN 2
WESTFIELD
230
207
27
FOR DETAILS IN THIS AREA SEE CHART 41
COXSACKIE
29
15
86
18
ALBANY 35
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
STATUTE MILES

PRESQUE ISLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
BANGOR Range (Me)	239 (BB)(116.1)	172°,2.1	SBRAZ-DTV	(4); 116.1
Bishop (La Grange, Me)	0.8 N	360	10 S4	80 oct. SSW, WSW blkd.
Caribou (Me)	1 N; riv SE	623	35h S6	80 oct. Brdg E. ARPT OF ENTRY.
Community (Mapleton, Me)	4.3 NE	630	8 S1	80 oct. Lgt planes only.
(P)Dexter (Me)	3 ESE	485	30h S4	80 oct.
Doane's (Brewer, Me)	1.6 S	100	17 S6	80 oct. P-line NNW; trees
→DOW Tower (Me)	278 (126.18)+		CA(ILS-W)	(3); 126.18 (GCA). E
(A)[Dow](Bangor, Me)(A)	2 W; RR S	160	70h (L6) S4	100 oct.
Eastport (Me)	1.5 WNW	70	29h S1	80 oct. P-line SW.
Errol (N.H.)	1.2 WNW	1245	18 S4	80 oct. P-line NW.
Ford (Skowhegan, Me)	1 NNW	230	15	Emerg use only.
Fort Kent (Me)	0.8 N; riv W	600	10	Lgt planes only.
Green's (Island Falls, Me)	2.3 SSW	710	13 S1	80 oct. P-line; trees S, N.
(P)Greenville (Me)	2 ENE	1750	30h L3 S6	80 oct. Lgts prior req.
HOULTON Range (Me)	272 (HJ)(116.1)	195°,3.1	BMRLZ-DTV	(4); 116.1 (Manned 7-23)
(P)[Houlton] (Me)	2.5 E; hwy N	493	57h L5 S6	80 oct. ESE blocked.
Mars Hill (Me)	1.2 NNW	435	17 S4	80 oct.
MEGANTIC Range B.C. (Canada)	362 (XG)	286°,4.2	SBRAZ-T	(3)
MILLINOCKET Range (Me)	344 (MT)(116.1)	292°,1.6	SBRAZ-DTV	(4); 116.1
(P)Millinocket (Me)	0.5 SE	404	51h L5 S4	80, 91 oct. Lgts prior req.
Nelson's (Bridgewater, Me)	0.7 NW	450	8 S4	80 oct. Lgt planes only.
Newport (Me)	1.5 ESE; hwy N	280	21	NW blocked.
Newton (Jackman, Me)	0.2 E; riv N	1170	22 S4	80 oct. E blkd. Trees W.
Northland (Presque Isle, Me)	5.5 N; hwy E	685	15 S1	80 oct.
Old Town (Me)	1.8 NNW; riv NE	109	40h L3 S6	80, 91 oct. No bndry lgts.
PENNFIELD Ridge N.B. (Canada)	233 (YP)	94°,2.9	BRAZ-T	3105, 6210
(P)Pittsfield (Me)	0.8 SSE	190	40h S6	80 oct.
Prairie (Brownsville Jct, Me)	4.5 N; rd SW	422	19 S4	80, 91 oct. Wires SE.
PRESQUE ISLE Range (Me)	388 (ZQ)	189°,3.4	SBRAZ-DT	(4)
PRESQUE ISLE AAF Range	365 (RU)	9°,3.6	SBMLZ	(4) (Me)
PRESQUE ISLE AAF Tower (Me)	278 (126.18)		AC(ILS-W)	(4); 118.7, 122.5, 116.1, 126.18.
(A)[Presque Isle AAF](Me)(A)	1.5 WNW; RR E	529	68h L6 S4	91, 100 oct. ARPT OF ENTRY.
Princeton (Me)	1.5 SSE; hwy NE	250	40h S4	
QUEBEC, P.Q. (Canada)	230 (QB)	68°,4.1	BRAZ-PT	3105, 6210, 3117.5
Rangeley (Me)	1.6 NNW; hwy S	1810	15	
Raymond (Phillips, Me)	0.8 S; riv E	556	18 S4	80 oct. Trees ESE; hill WNW.
Robbins (Hudson, Me)	2.7 SW	365	18 S1	80 oct.
St. Croix (Baring, Me)	0.5 E; hwy N	95	19 S1	80, 91 oct. NNW blkd. Flares on req.
→Snow (Bradford, Me)	0.3 WNW	270	12	
Swasey's (Enfield, Me)	1.5 WNW; RR S	240	17	P-line NE, ESE.
Tomlinson (Skowhegan, Me)	1 NNE; riv 1.5 S	240	21 S6	80 oct. P-line W, NW.
Webb's (Patten, Me)	1 NNW; hwy E	650	14 S4	80 oct.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION

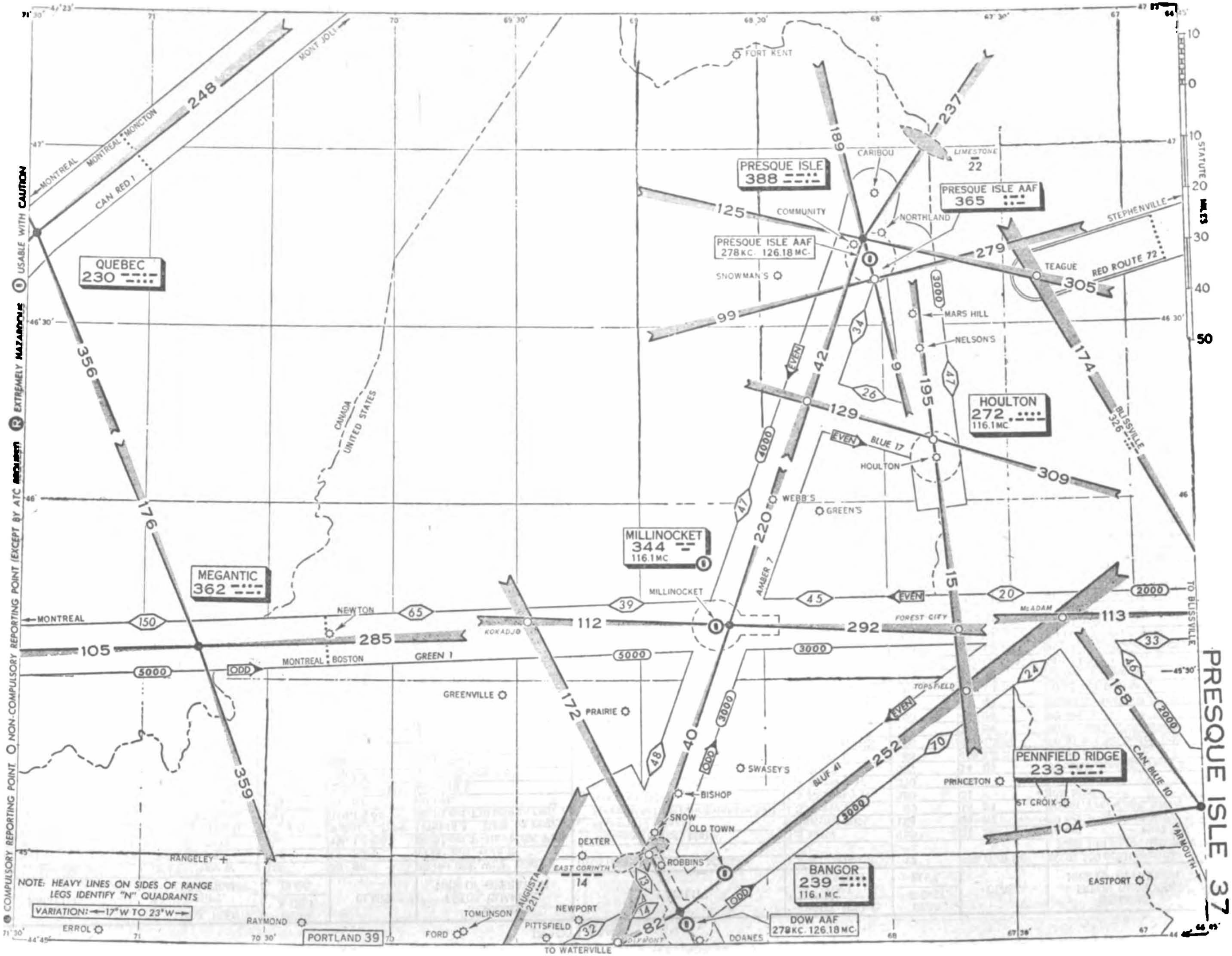
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
DOW (L6) (A)	109.9		153°	MM- •—•— (0.81)	OM- ——— (4.60)
				MMK-	OMK-
PRESQUE ISLE AAF	109.9		8°	MM- •—•— (0.85)	OM- ——— (4.47)
				MMK- 201	OMK- 219
				MM-	OM-
				MMK-	OMK
				MM-	OM-
				MMK-	OMK

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


PRESQUE ISLE 37
FORT KENT
PRESQUE ISLE 388
CARIBOU
LIMESTONE 22
PRESQUE ISLE AAF 365
COMMUNITY
NORTHLAND
STEPHENVILLE
PRESQUE ISLE AAF 278KC. 126.18MC.
SNOWMAN'S
TEAGUE
RED ROUTE 72
MARS HILL
NELSON'S
HOULTON 272 116.1MC
BLUE 17
HOULTON
WEBB'S
GREEN'S
MILLINOCKET 344 116.1MC
QUEBEC 230
MONTREAL
MONTREAL-MONCTON
CAN RED 1
MONT JOLI
CANADA
UNITED STATES
MEGANTIC 362
NEWTON
MILLINOCKET
AMBER 7
FOREST CITY
McADAM
TO BUSSVALLE
MONTREAL
BOSTON
GREEN 1
KOKADJO
GREENVILLE
PRAIRIE
TOPSFIELD
SWASEY'S
BLUE 41
PENNFIELD RIDGE 233
PRINCETON
ST CROIX
CAN BLUE 10
YARMOUTH
BISHOP
SNOW
OLD TOWN
DEXTER
EAST CORINTH
ROBBINS
BANGOR 239 116.1 MC.
EASTPORT
TOMLINSON
NEWPORT
PITTSFIELD
FORD
AUGUSTA 221
DOW AAF 278KC. 126.18MC.
DOANES
TO WATERVILLE
RANGELEY
RAYMOND
ERROL
PORTLAND 39
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 17° W TO 23° W →
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
EXCEPT BY ATC
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT
STATUTE MILES
NAUTICAL MILES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Ames (Brockton, Mass)	3 WSW;hwy W	120	20 S6	80 oct.SSE,WSW blkd.
Andover (Me)	2.5 S;hwy E	675	17 S3	1125' hill, pole E
(P) Auburn-Lewiston (Auburn, Me)	4.5 SW;RR W	290	45h L5 S6	80,91 oct.P-line E,SE.Fld
AUGUSTA Range (Me)	221(AW)(116.1)	81°, 2.0	BMRLZ-DTV	(4); 116.1 lgts on req.
[Augusta] (Me)	1.5 WNW;hwy S	354	34h L5 S6	80,91 oct.Fld lgts on req.
Austin (Washington, Me)	2.6 W;hwy N	280	13 S1	80 oct.
BANGOR Range (Me) (Dow)	239(BB)(116.1)	172°,2.1	SBRAZ-DTV	(4); 116.1
Bar Harbor (Me)	9 NW;hwy W	87	45h L3 S6	80 oct.P-line NNE
BEDFORD Army H Fac. (Mass)	522 (BED)		MH	Oper cont.
BEDFORD Tower (Mass)	212(126.18,137.88)		CA	(3); 126.18, 137.88
(A) Bedford (Mass)	1 SSW	135	50h L5 S6	80-100 oct.73,100 oct.JP-1
(P) Belfast (Me)	1 SW;hwy E	160	40h S6	80 oct. for Army
(P) Berlin (N.H.)	7.5 N;riv W	1140	52h S4	80, 91 oct.
Bethel (Me)	1.6 NW;RR E	660	16 S2	80 oct.Trees W.
Beverly (Mass)	3 NW;lk E	108	50h L1 S6	80,91 oct.Bcn on req.
Biddeford (Me)	2 SSW;RR NW	110	22 S2	80 oct. P-line SE.
Billings (Ellsworth, Me)	4 SSE;hwy S,E	85	18 S1	80 oct. Trees NW,SE.
Boire (Nashua, N.H.)	2.8 WNW;RR NE	185	20h L3 S4	80,91 oct.Lgts prior req.
BOSTON Range (Mass)(Logan)	382(BW)(116.1)	238°,1.4	SBRAZ-DTV	(3); 116.1 P-line S
Boston Metropolitan(Canton,Mass)	1 W;riv W	50	21 S6	80 oct. Trees NW.
Brockton (Mass)	2 S;hwy E	128	22 S6	80 oct. Poles E,W,N.
Brown (St. Johnsbury, Vt)	5.2 N;RR E	807	21 S6	80 oct.Obsts sur fld.
(N) Brunswick NAS (Me) (N)	1.5 SE;RR N	77	60h	CLOSED.
Cape Ann Arwys (Essex, Mass)	0.9 NNW;riv E,SE	20	14 S1	80 oct.
Central (Lewiston, Me)	1 NE	220	15 S1	80 oct.
Clark (Hanover, Mass)	2.6 WSW;riv S	74	24 S6	80 oct. NE,NNE blkd.
CONCORD Range (N.H.)	251(CN)(116.1)	332°,1.9	BMRLZ-DTV	(4); 116.1
(P) [Concord] (N.H.)	1.5 E	346	40h L5 S6	80, 91 oct.
Conway Valley (Conway, N.H.)	0.6 WNW;RR NNE	460	26 S5	80,91 oct Poles SW.
Dean Memorial (Haverhill,N.H.)	4.1 NE;RR W	570	21 S1	80 oct.Trees NNW,ESE,SSE
Deblois (Me)	2 SE;riv W, N	219	40h	CLOSED.
Doane's (Brewer, Me)	1.6 S	100	17 S6	80 oct.P-line NNW;trees
Douglas (Brunswick, Me)	3.5 W;RR SE	170	16 S2	80 oct.
DOW Tower (Bangor, Me)	278 (126.18)+		CA(ILS-W)	(3); 126.18(GCA)
(A) [Dow] (Bangor, Me) (A)	2 W;RR S	160	70h (L6) S4	100 oct.
Errol (N.H.)	1.2 WNW	1245	18 S4	80 oct.P-line NW.
Farmington (Me)	4.5 N;rd W	430	17 S6	80 oct.
Fernald (Winterport, Me)	3 WNW;hwy S	182	40h L3 S6	80 oct. Lgts prior req.
Fernald's (Benton, Me)	0.6 WNW;hwy S	120	18 S6	80 oct.WNW blkd.
Ford (Skowhegan, Me)	1 NNW	230	15	Emerg. only.
Franconia (N.H.)	2 SE		20	Data unver.
Franklin Arwys (N.H.)	1.5 SSW;riv E	370	20	Emerg. only.
Franklin-Norfolk(Norfolk,Mass)	2.5 WNW;RR SSE	140	20 S6	80 oct. P-line S.
Fryeburg (Me)	1.3 E;RR S	400	26 S4	80,91 oct.P-line SSW;trees
Gate City (Nashua, N.H.)	4 SSE;riv E	120	23 S6	80 oct. NW
Glow (Pepperell, Mass)	0.7 NNW;RR SE	210	15	Private. Emerg. only.
(P) Goodall (Sanford, Me)	4 SE;hwy N	243	60h L5 S6	91 oct.Lgts prior req.
Greenlaw (Auburn, Me)	1.5 W;hwy S	238	16 S6	80 oct. Bldgs S.
GRENIER Army Range	338 (DUR)	352°,4.0	SBMRAZ	(3) (Manchester, N.H.)
GRENIER Tower (N.H.)	278 (126.18)		CA (ILS)(GCA)	(3); 126.18
(A) Grenier (Manchester,N.H.)(A)	4 S; RR E	230	70h L5 S6	73,91,100 oct.
Hampton (N.Hampton, N.H.)	1.6 N;RR W	80	20 L S6	80 oct.Port floods on req.
Hilltop (W. Buxton, Me)	0.8 WSW;hwy E	300	20 L S4	80 oct.Obst,flare lgts on req. P-line ESE.
Hooksett Land & Seaplane (N.H.)	2 S;riv E	187	32 S6	80 oct.
Kennebunk (Me)	1.6 SW	50	16 S1	80 oct.
(P) Laconia (N.H.)	3.8 NNE;lk 1 NNE	536	36h L5 S6	80,91 oct.Lgts prior req.
Lafayette (Portsmouth, N.H.)	3 SSW;hwy S	71	23 S1	80 oct.Trees sur fld.
Lakes Region (Wolfeboro,N.H.)	2.6 W;RR E	580	14	CLOSED.
(P) [Lawrence] (Mass)	2.5 ENE;riv W	155	40h L5 S6	80,91 oct.Trees NE,SSE.
Lemington-Colebrook	3.8 SSW;hwy E	1030	18 S4	80 oct.(Lemington,Vt)
Lewis (Littleton, N.H.)	2.5 E;RR S	900	22 S6	80 oct.
Livermore Falls (Me)	1.3 SE;riv W	300	10	Lgt planes only.
LOGAN Tower (Mass)	278(118.7,126.18,118.1)		AC	(4);122.5,126.18,118.1,118.7
(NG) [Logan] (Boston, Mass)	1.5 E ;harbor S	12	70h (L6) S6	80,91,100 oct.Rdo rqrd. FEE.Ltd 80,100 oct.,min
Maheux (Minot, Me)	3.5 NNW	720	21 S6	80 oct. rprs NG.
Mansfield (Mass)	2 SSE;RR NE	124	25 S2	80 oct.P-line NE,NW.
Merrymeeting(Bowdoinham,Me)	1 SSE;riv E	60	14 S1	80 oct.Trees SSE,NNW.
Newport (Me)	1.5 ESE;hwy N	280	21	NW blkd.
Norridgewock (Me)	3.7 W;riv 1 W	270	40h	
Norway (Me)	1 N;RR S	387	14 S5	80 oct.P-line SE,trees E.
Norwood (Mass)	1.8 E;riv E	55	40h L5 S1	80,91 oct.
Old Town (Me)	1.8 NNW;riv NE	109	40h L3 S6	80,91 oct.No bndry lgts.
Parlin (Newport, N.H.)	2 NNW;riv SW	780	20 S4	80 oct.NNE,ESE,SSW blkd
(P) Pittsfield (Me)	0.8 SSE	190	40h S6	80 oct.
Pittston (Me)	1.8 ENE;hwy S	140	11 S2	80 oct.Trees ESE,hill WNW
Plum Island (Newburyport,Mass)	2.3 SE;riv N	15	24 L1 S6	80,91 oct.P-line E.
Plymouth (N.H.)	3.5 WNW;riv S	506	18 S2	80 oct. P-line N.
PORTLAND Range (Me)	206(PW)(116.1)	149°,2.2	BMRLZ-DTV	(4); 116.1
(P) [Portland] (Me)	2 W;riv E	60	43h L5 S6	80,91,100 oct.Lgts on req.
Port O'Maine (S.Portland, Me)	1.8 SSW;RR E	40	26 S6	80 oct. Trees NNW
(P) [Portsmouth] (N.H.)	3 W	71	50h L5 S6	80,91,100 oct.
Rangeley (Me)	1.6 NNW;hwy S	1810	15	
Raymond (Phillips, Me)	0.8 S;riv E	556	18 S4	80 oct.Trees ESE;hill WNW
Revere (Mass)	1 N	20	21h L S6	80,91 oct.FEE for port lgts
Richardson (Dracut, Mass)	2 NNW of Lowell	115	21 S4	80 oct.P-line ENE.
Riverside (Brunswick, Me)	1 WNW;riv E	60	20 S1	80 oct.Trees SSW,NNE.
Riverside (Ashland, N.H.)	4 NNW;riv W	470	20 S4	80 oct.
Robbins (Hudson, Me)	2.7 SW	365	18 S1	80 oct.
Rockland (Me)	3 SSE;rd NE	49	45h L5 S6	80,91 oct.Trees ENE,WSW
Rockland Broadway (Rockland,Me)	0.8 SSW	60	19 S4	80 oct.
Rollins (Turner, Me)	2.5 NNW;rd E	335	20 L S2	80 oct.Flarepots on req.P-
Rumford (Me)	2 SSE;riv NW	615	22 L S4	80 oct.Wires NW. line NNE
Scarboro (Me)	2 W;RR SSE	20	25 S2	80 oct.
Shawsheen Pines(Billerica,Mass)	2.7 E;riv W	110	22h L4 S6	80,91 oct.Trees E,W,NE,SE
Sherman Mem'l (Mansfield,Mass)	3 SSW;RR W	130	17 S1	73 oct.Trees sur fld.P-line
Silver Ranch (E. Jaffrey, N.H.)	1 E;lk 1 SE	1020	17 S1	80 oct.Trees SE,NW. NE
SO.WEYMOUTH Tower (Mass)	3295(142.74)		CN	(3);142.74(8-1630,Mon-Fri)
(N) So.Weymouth NAF (Mass) (N)	1.5 SSE;RR W	152	41 L3 S1	100 oct.Trees WSW,WNW
SQUANTUM Navy Range(Mass)	233 (NZW)	321°,3.7	BMRLZ	(3); 142.74 Flgt Oper. NNE
SQUANTUM NAS Tower (Mass)	323 (142.74)		CN (GCA)	3105,4495;142.74 8-30 min. before sunset
(N) Squantum NAS (N)(Mass)	0.8 W;bay N	10	41h L5 S6	100 oct.No bcn.Fld lgts on req.
Stover (Freeport, Me)	3.5 NNW	180	11 S1	80 oct.
Tomlinson (Skowhegan,Me)	1 NNE;riv 1.5 S	240	21 S6	80 oct.P-line W,NW.
Twin Mountain (N.H.)	0.8 SW;riv N	1430	18 S4	80 oct.
Twitchell's (Turner, Me)	4.8 SSE;riv E	350	22 S6	80 oct.Trees WNW.P-line S.
Walker Dutton(Haverhill,Mass)	2 NNE;lk S	125	16 S6	80 oct.Stack,p-line NW.
(P) [Waterville] (Me)	1.8 SW;riv E	303	39h L5 S6	80,91 oct.Fld lgts prior req.
Wayside (Sommersworth,N.H.)	2.4 W;hwy E	212	15 S2	80,91 oct.ESE blkd.
Webster (Nashua, N.H.)	3.8 NNW;riv E	195	25 S6	80,91 oct.ENE,NNW blkd.
White Mtn. (N.Conway, N.H.)	1.9 SSE;RR W	495	20 S6	80 oct.Trees NW.
White Mtn.Air Term.(Whitefield)	3 ESE;RR N	1050	22 S1	80 oct. (N.H.)
Wilkins (No.Attleboro, Mass)	2 NE;lk NW	200	18 S6	80,91 oct.P-line NW.

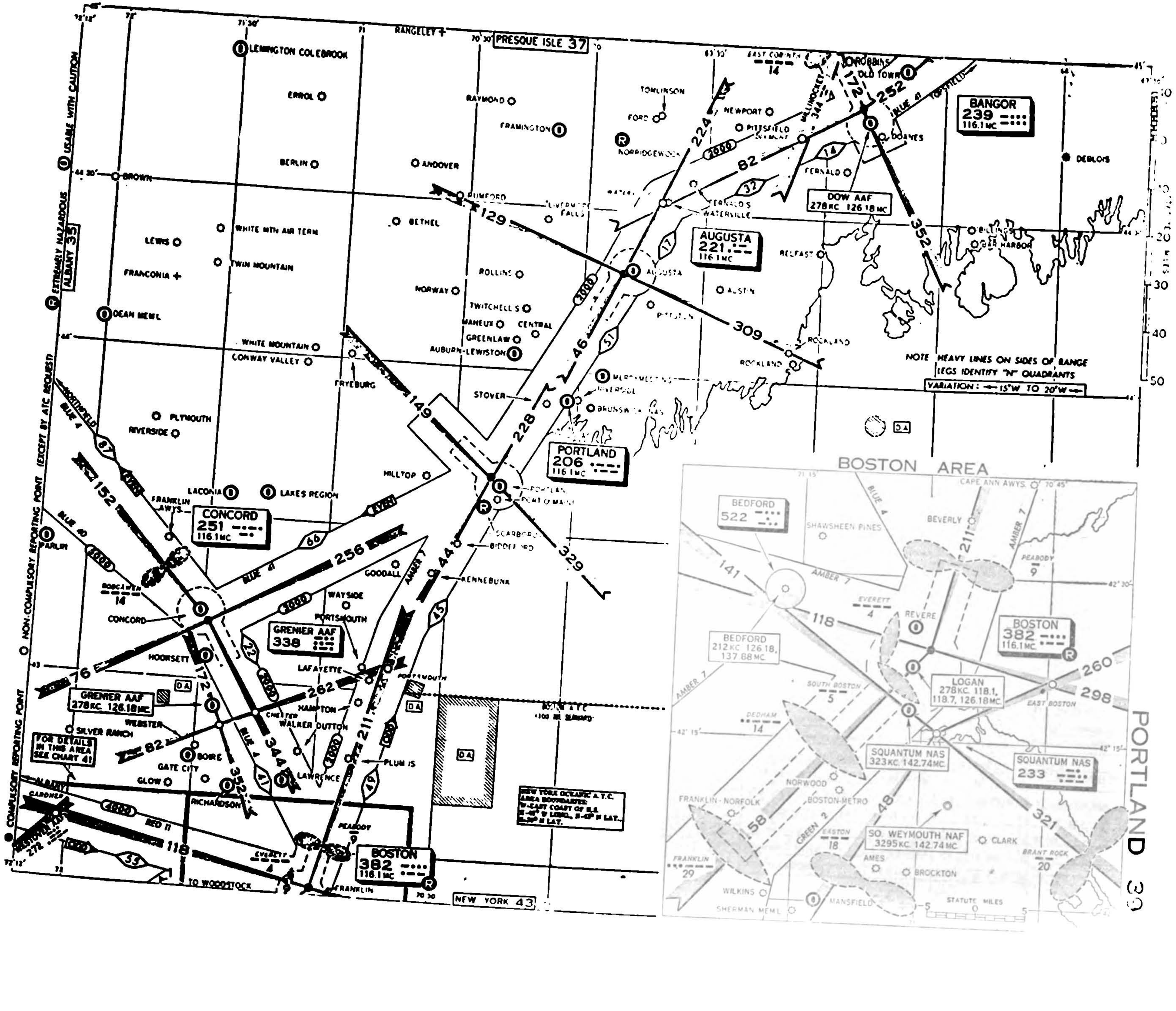
INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
DOW (L6) (A)	109.9		153°	IM-		MM- •—•— (0.81)	OM- — — (4.60)
						MMK-	OMK-
GRENIER (A)	110.3	332.6	352	IM-	(0.03)	MM- •••••• (0.71)	OM- — — (5.00)
						MMK-201 •—•	OMK-219 ••—

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


PRESQUE ISLE 37
RANGELEY
LEWISTON COLEBROOK
ERROL
BERLIN
ANDOVER
RAYMOND
FRAMINGTON
TOWLINSON
FORD
NEWPORT
PITTSFIELD
NORRIDGEWOCK
OLD TOWN
ORRINGTON
BANGOR
239
116.1 MC
BOWLES
DEBLOIS
FERNALD
DOW AAF
278 KC 126.18 MC
WATERVILLE
AUGUSTA
221
116.1 MC
BELFAST
BROWN
WHITE MTN AIR TERM
LEWIS
TWIN MOUNTAIN
FRANCONIA
BETHEL
RUMFORD
LIVERMORE FALLS
ROLLINS
NORWAY
TWITCHELL'S
MANEUX
CENTRAL
GREENLAW
AUBURN-LEWISTON
OCEAN BEMEL
WHITE MOUNTAIN
CONWAY VALLEY
FRYEBURG
STOVER
AUSTIN
ROCKLAND
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°W TO 20°W
EXTREMELY HAZARDOUS
ALBANY 35
USABLE WITH CAUTION
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
PLYMOUTH
RIVERSIDE
LACONIA
LAKES REGION
MILLTOP
FRANKLIN AWYS
CONCORD
251
116.1 MC
ARLIN
BOSCAWEN
14
GOODALL
WAYSIDE
PORTSMOUTH
RENNEBUNK
GRENIER AAF
338
GRENIER AAF
278 KC 126.18 MC
HOOKSETT
LAFAYETTE
HAMPTON
WALKER DUTTON
SILVER RANCH
WEBSTER
BOW
GATE CITY
GLOW
RICHARDSON
LAWRENCE
PLUM IS
FOR DETAILS IN THIS AREA SEE CHART 41
GARDNER
EVERETT
4
PEABODY
9
BOSTON
382
116.1 MC
FRANKLIN
TO WOODSTOCK
NEW YORK 43
NEW YORK OCEANIC A.T.C. AREA BOUNDARIES: W-EAST COAST OF U.S. N-49° W LONG., S-40° N LAT., E-300 N LAT.
PORTLAND
206
116.1 MC
PORTLAND POINT OF MAINE
SCARBORO
BIDDEFORD
BLUE 4
AMBER 7
GREEN 2
RED 11
BLUE 40
MEDFORD
MERRIMACK RIVERSIDE
BRUNSWICK NAS
DA
COMPULSORY REPORTING POINT
BOSTON AREA
BEDFORD
522
SHAWSHEEN PINES
CAPE ANN AWYS
BEVERLY
PEABODY
9
REVERE
BOSTON
382
116.1 MC
BEDFORD
212 KC 126.18, 137.88 MC
LOGAN
278 KC 118.1, 118.7, 126.18 MC
EAST BOSTON
SOUTH BOSTON
5
DEDHAM
14
SQUANTUM NAS
323 KC 142.74 MC
SQUANTUM NAS
233
NORWOOD
FRANKLIN - NORFOLK
BOSTON-METRO
SO. WEYMOUTH NAF
3295 KC 142.74 MC
CLARK
EASTON
18
AMES
BROCKTON
BRANT ROCK
20
FRANKLIN
29
WILKINS
MANSFIELD
SHERMAN MEML
STATUTE MILES
PORTLAND 39

HARTFORD

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Adams (Mass)	1.3 SSE	1400	18 S4	80 oct.
Aero (Kingston,N.Y)	3.7 SSE;hwy W	220	23 S4	80 oct.Trees S.
Agawam (Mass)	0.5 S;riv E	50	17 S6	80 oct. SE blkd.
Ansonia (Conn)	1.8 ENE	440	18 S2	60 oct.
Arlington (Poughkeepsie, N.Y.)	1.5 E;RR E	280	18 S2	60 oct.P-line NE;trees SW
Auburn (Mass)	2 SW;RR W,E	700	15 S1	80 oct. Lgt acft only
(A) Ayer (Mass)	1.5 NW;riv W	268	52h S6	80 oct.ARMY TMP INACT CIVIL FACS.
(P) Barnes (Westfield, Mass)	3 NNE;RR W	268	50h L5 S6	80,91 oct.Lgts on req
BEDFORD Army H Fac.	522 (BED)		MH	(Cont.) (Mass)
BEDFORD Tower (Mass)	212 (126.18, 137.88)		CA	(3); 126 18, 137 88
(A) Bedford (Mass)	1 SSW	135	50h L5 S6	80-100 oct 73,100 oct JP-1 for Army.
Bethany (Conn)	1.3 N;hwy E	680	21 L2 S6	80 oct.No bcn.Lgts prior
Bolton (Clinton, Mass)	2.3 NE;RR 1 S	400	27 S6	80 oct.Trees sur fld. [req.
Bowles (Agawam, Mass)	2.4 WSW;riv 2.5 E	190	40 S4	80 oct.P-line S,SSE,NW,W
BRADLEY Tower (Conn)	284 (126.18)		CI(ILS-W)	3105,4495; 126.18
(NG) Bradley (Windsor Locks, ← Conn)	2.8 WNW;RR, riv E	171	50h L5 S4	Ltd 73,100 oct
BRAINARD Tower (Conn)	278 (118.5)		AC	(4); 126.18,118.5,122.5
(NG) [Brainard] (Hartford,Conn)	2.8 SE;riv E	18	48h L5 S6	73,100 oct. Dike N,E.
←BRIDGEPORT Range (Conn)	221 (WQ)	231°,4.0	MRLW	
BRIDGEPORT Tower (Conn)	269 (118.7)		C	(4); 118.7,122.5,126.18
(P) [Bridgeport] (Conn)	3.5 ESE	9	48h L5 S6	80,91 oct.
Brookfield (Mass)	1 W;RR SW	680	20 S6	80,91 oct.P-line SW.Rough
Canaan (Conn)	1 N;RR W	680	20 S4	80 oct.Poles WSW; S blkd.
Catskill Valley (Catskill, N.Y.)	1.8 SW	105	24 S3	80 oct
CHARLESTOWN NAAS Twr	269 (142.74)		CN	3105;142.74 (7-18) (R.I.)
(N) Charlestown NAAS (R.I.)(N)	1.6 SW;hwy N	32	58h (L5) S1	91,100 oct. No bcn.
Christi (New City, N.Y.)	1.5 N;RR E	150	16 S4	80 oct. P-line SW.
Cliff Haven (Accord, N.Y.)	11 W;RR S	260	16 S1	80 oct.
Country Arpk (Spring Valley, N.Y.)	1 E;RR S	420	18 S6	80 oct NNE,NNW blkd Trees SSE.Use strips.
Cozine (Rhinebeck, N.Y.)	0.5 SE;RR W	200	20 S1	87 oct. P-line W
Croton (Peekskill, N.Y.)	4.8 SE;riv SW	280	13	Hill SW.
Danbury (Conn)	2.5 SW;RR N	454	44h S6	80 oct Trees ENE,SSE, WSW.
De Florez (Woodstock,Conn)	2.4 SSE;hwy W	450	19 S4	80 oct. Trees N.
Doane (Essex, Conn)	1.2 SW;RR E,N	30	19 S6	80 oct. Trees N,NW.
East Brookfield (Mass)	1 W;hwy N	640	15 S4	No fuel.
East Greenbush (N.Y.)	0.8 NW;RR W	260	43 L S6	80 oct Port rnwy lgts.P-line N.
East Hampton (N.Y.)	2.5 W;RR S	40	25 S4	80 oct.
(A) Elizabeth (Fisher's Island, N.Y.) (A)	W end Island	7	29h	
Farly's (New Baltimore, N.Y.)	3 S;RR W	10	20 S1	80 oct Trees N.
Fitchburg (Mass)	2.5 SE;bet RRs	334	45h S6	80 oct. Knolls,dike S.
Franklin-Norfolk (Norfolk, Mass)	2.5 WNW;RR SSE	140	20 S6	80 oct. P-line S
Freedom Plains (Billings, N.Y.)	2 W;rds N,E	340	11 S1	80 oct. Pwr line S
Gardiner (N.Y.)	0.5 S;riv W	320	25 S2	80 oct. Soft when wet.
Gardiner (Mass)	2 SW;hwy N	1020	18 S4	80 oct.
Grafton (North Grafton, Mass)	0.7 SSW;riv N	450	30 S6	80 oct Wooded hill S
Great Barrington (Mass)	2 WSW;riv N	726	27 S6	80,91 oct. Obsts sur fld.
GREENE Tower (R.I.)	278 (118.9)		AC	(4); 118.9, 122.5
[Greene] (Providence, R.I.)	7 S;hwy W	53	41h L5 S6	80,91,100 oct. P-line W.
Groton (Mass)	4.6 WNW;RR W	280	28 S6	80 oct.
Hammonasset (Madison, Conn)	2 E;hwy N	15	12 S1	80 oct.
HARTFORD Range (Conn) (Brainard)	329(HT)(116.1)	323°, 2.3	SBMRAZ-DTV	(3); 116.1
Hiller (Barre Plains,Mass)	2 SW;riv W	589	34 S4	80 oct.
Island (Shelton, Conn)	1.8 SE on isl.	8	15 S1	80 oct. Trees SE. Soft.
Kingston (N.Y.)	1.5 NW;RR S	150	17	CLOSED. P-line NW.
← Kingston-Ulster (Kingston, N.Y.)	2.7 N;RR E	160	30 S4	80,91 oct. P-line E.
Kinsley (Somers, Conn)	2.5 NNW;hwy E	200	19	Emerg. use.Trees W,SW, ESE.
Kline-Kill (Ghent, N.Y.)	2 NNW;riv W	380	18	Lgt acft only. N blkd.
La Fleur (Northampton, Mass)	1.2 ENE;riv N	120	26 S4	80 oct.
Leicester (Mass)	2 N	1140	15h S4	80 oct. Reservoir SE.
Lime Ridge (Beekman,N.Y.)	1.3 SE;RR S	420	16 L2 S6	80 oct. All lgts prior req.
Lincoln Park (N.J.)	1.5 N;RR W	180	23 S1	80 oct. P-line N,SE.
Lufbery (Wallingford,Conn)	0.8 WSW;RR E	80	22 S6	80 oct. Trees S.
Mahopac (N.Y.)	1 NNW;lk E	685	20 S4	80,91 oct.
Marlboro (Mass)	2.4 E;hwy N	265	16 S4	80 oct. WNW blkd
Mattituck (N.Y.)	0.8 ESE;bay S	30	25 S6	80,91 oct Poles N
Mendon (Mass)	0.5 S;lk W	450	18 S4	80 oct P-line N,NW
MERIDEN Tower (Conn)	278		CI	3105,4495 (days)
Meriden (Conn)	2.7 SW;RR E	102	35 L3 S6	80 oct S blkd;p-line SE
Metropolitan (Palmer, Mass)	5 N;riv W	400	19 S6	80 oct Hill N
Milford (Conn)	1.5 SSW;RR NW	10	20 S1	80 oct
Miller (Nyack, N.Y.)	1.8 WNW;riv E	70	17 S6	80 oct P-line SW
Millerton (N.Y.)	1.5 N;RR W	1000	13 S1	80 oct Trees N
Mineral Springs (Providence, R.I.)	4.6 NW;hwy E	240	11 S4	73 oct Trees sur fld
Monroe (Conn)	0.7 SSE;rd E	620	20 S4	80 oct Trees S
Montgomery (N.Y.)	1 WSW;riv W	393	22 S6	80 oct Trees N;bush E
(A) Montgomery #1 (N.Y.)(A)	2 SW	355	35h	CLOSED.
Murchio (Paterson, N.J.)	4.5 WNW;rd N	350	32 S4	80 oct Trees N
Newburgh-Walden (Walden, N.Y.)	2.2 SSW;riv W	404	32 S6	80,91 oct Obsts sur fld
NEW HACKENSACK Range (N.Y.)	236(NX)(116.1)	5°, 5.3	SBRAZ-DTV (4), 116.1	
(P) New Hackensack (N.Y.)	0.5 W	186	35h	Obsts NE
[New Haven] (Conn)	3.5 SSE;hwy N	4	42h S6	80,91 oct
New Paltz (N.Y.)	0.8 W;RR E	190	20 S1	80 oct
Newport (R.I.)	3.5 NNE	150	24 S6	80,91 oct P-line NNE
NEW ROCHELLE MH Fac (N.Y.)	275 (R)	42°,5.6	FMHW	(Cont) La Guardia
(P) Orange (Mass)	1.5 SE;hwy SE	555	50h S2	80 oct P-line NE
Pilgrim (Hatfield, Mass)	3.4 N;riv 0.5 E	126	22	E,SE,W blkd.Emerg only
Pittsfield,3B,AZ-BW (Mass)	2.4 WSW;hwy NW	1160	27 L3 S4	80,91 oct P-line NW
Plainfield (Conn)	1.5 SSW;RR NW	160	20 S6	73,87 oct
PROVIDENCE Range (Greene) (R.I.)	347(PR)(116.1)	47°,3.2	BMRLZ-DTV	(4); 116.1
Providence (Seekonk,Mass)	2.1 ESE	25	17 S4	80 oct P-line N
QUABBIN Army H Fac (Mass)	317 (D)	59°,8.5	FMHW	(Cont) Westover
QUONSET POINT Navy Range (Providence, R.I.)	356 (NCO)	339°,2.2	BMRLZ	3105; 142 74
QUONSET POINT NAS Twr (R.I.)	227 (142 74, 126.18)		CN (GCA)	(3); 142 74,140 58,126 18
(N) Quonset Point NAS (Providence, R.I.) (N)	16.5 S	14	60h L5 S6	91,100 oct NATS
Ramapo Valley (Mahwah, N.J.)	1.2 NW;riv SE	280	19 S1	80 oct
Ravena (N.Y.)	1.2 N;riv 2 E	180	14 S1	80 oct Lgt acft only
RENTSCHLER Tower (Conn)	254 (126.18)		CI	(3); 126.18
Rentschler (East Hartford, Conn)	1 N	45	58h L5 S6	80,91,100 oct P-line SE, SSE
Ricoun (Greene, R.I.)	1.8 WNW;RR S	390	20 S6	80 oct. Rnwy data unver
Rockland (New City, N.Y.)	1 SSE;hwy E	240	14	Trees W.
Salem (Conn)	2.1 E;lk NNE	400	21 L S6	80,91 oct.Trees S.Port lgts
Selkirk (N.Y.)	2.7 E;hwy E	160	22	P-line E; trees S.
Simsbury (Conn)	2.6 NNE;RR W	170	17 S6	80 oct. Trees SE
Somers (N.Y.)	0.6 SE;RR E,S	583	20 S4	80 oct.
Southbridge (Mass)	1.7 N	700	27 S1	80 oct. Trees W, N
South Hadley (Mass)	4 NE	120	15 S4	Fuel. Data unver
Southington (Conn)	3.5 NNE;RR W	200	21 S4	80 oct
Spencer (Mass)	3.5 NNE	1040	17 S6	80 oct
Springfield (Mass)	2.3 NE;RR S	205	26 S6	80 oct Bldgs W
Stanton's (Newburgh, N.Y.)	5.3 NW;RR S	520	12 S2	80 oct Trees S
Stephenson (Bristol,Conn)	1.5 ESE;RR N	240	18 S6	80,91 oct.
STEWART Army Range (N.Y.)	335 (DMV)	125°,2.5	MRLW	
STEWART Tower (N.Y.)	396 (126.18)		CA	(3); 126.18, (7-23)
(A) Stewart (Newburgh, N.Y.) (A)	4 NW;hwy N	474	60h L5 S6	100 oct JP-1
Stonington (Conn)	1 NE;RR S	5	18 S6	80 oct Lgt acft only Rdo rprs.
Stormville (N.Y.)	1 ENE;RR S	350	23 S4	80 oct. Trees NE
Trumbull (Groton, Conn)	2.8 SE;RR W	10	50h S4	80 oct.
Turner Falls (Montague, Mass)	4.2 N;riv NW	350	32 L S6	80,91 oct.Obsts sur fld Flood lgts prior req.
(A) Wallkill #2 (N.Y.) (A)	3 NW;riv E	340	35h	CLOSED.
Wappingers Falls (N.Y.)	0.9 SE;rd S	152	21 S4	80 oct. P-line E,W,S.
Warwick-Wickham (Warwick, N.Y.)	4.5 NE;RR W	540	24 S4	80 oct. Ridge N.
Waterbury (Plymouth, Conn)	2.6 S;RR E,W	843	20 S6	80 oct.Trees N,S.
Waterford (Conn)	1.7 N;RR SSE	60	20 S6	80 oct. Trees, hill S.
Watertown (Conn)	2.2 S;lk N	680	19 L S4	80 oct Port rnwy lgts on req.
Westboro (Mass)	1.9 WNW;hwy N	310	13 S6	80 oct
Westchester (Armonk, N.Y.)	0.5 SSE	380	23 S6	80,91 oct
WESTCHESTER CO Twr (N.Y.)	260 (118.9)		C	(4); 118.9,122.5
(P) Westchester Co.(White Plains, N.Y.)	4 NE;lk W	435	50h L5 S6	80,91 oct.P-line SSW
Westerly (R.I.)	2.4 SSE;riv E	81	40h	
West Haven (Conn)	2.7 SW;hwy E	15	18 S4	80 oct. Trees NE;W blkd.
WESTFIELD Range (Barnes) (Mass)	230(WJ)(116.1)	27°,1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Range (Mass)	272 (DOJ)	339°,2.7	BMRAZ	(3)
WESTOVER Tower (Mass)	396 (126.18)+		CA(TLS) (GCA)	(3); 126.18 (Approach control).
(A) Westover (Chicopee Falls, ← Mass)	3.8 NNE;riv W	244	70h (L6) S6	73,100 oct JP-1
West Springfield (Mass)	2.2 WNW;riv E	50	18 S1	80 oct.
White (Bedford, N.Y.)	3.6 SE;hwy E	475	12	
Wilkins (North Attleboro, Mass)	2 NE;lk NW	200	18 S6	80,91 oct P-line NW; trees sur fld.
Windham (Conn)	3.5 NNW;RR S	238	44h S1	80 oct Trees NE,ENE
Wingdale (N.Y.)	1.5 NE;RR W	400	25 S4	80 oct Rough
Woonsocket (R.I.)	2.5 E;riv WSW	400	20 S2	80 oct.
[Worcester] (Mass)	3.5 W;hwy N	1009	55h L1	Emerg use only Beacon on req.

INSTRUMENT LANDING SYSTEMS (*Localizer, Glide Path in mcs, Compass Locator in kcs*)

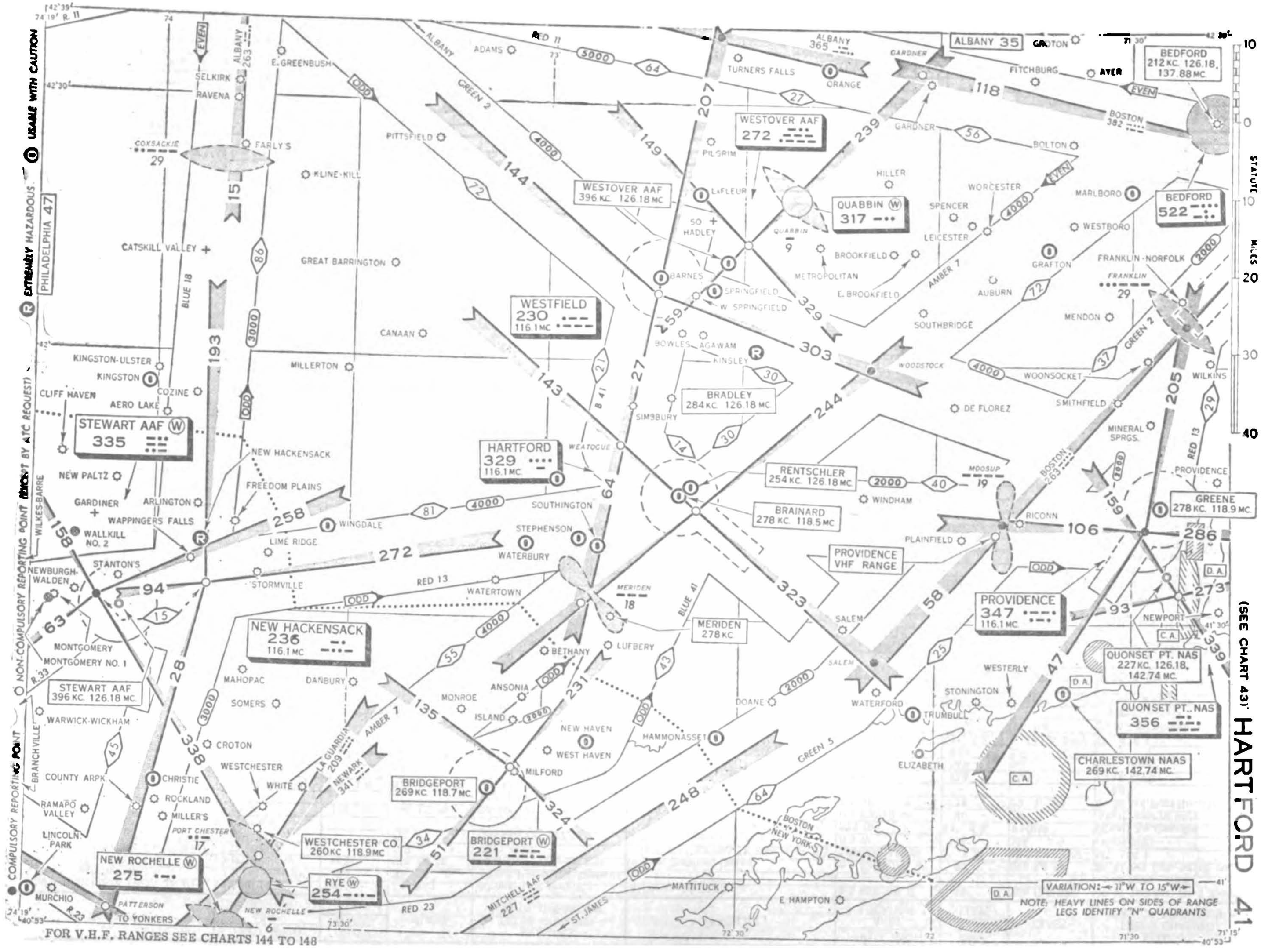
LOCATION	LOCLR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WESTOVER (A) (L6)	109.9	333.8	239°	IM- (0.49)	MM- ••••••(0.79)	OM- ——(3.38)
					MMK-	OMK-
WESTOVER (A) (L6)	109.5	332.6	59°	IM- (0.02)	MM- ••••••(0.72)	OM- ——(4.42)
					MMK- 201•———	OMK-219———
BRADLEY	110.3	335	58°	IM-	MM- •—•—(0.66)	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK	OMK-

NEW FATAL FLARES

Smithfield (R.I.) •	1 NE;RR W	400	17 S6	80 oct.Flares on prior req	
←RYE H Fac (N.Y.)	254(X)		MHW	(Cont)La Guardia	

RADIO: S – Simul. Range and Voice, W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 187.88, 140.58 mcs.
◆ A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
←→ New or revised data. [Jones] – Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

(SEE CHART 43)

HARTFORD 41

NEW YORK

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Asbury Park Air Term. (N.J.)	4.5 W; rd N	100	24 S2	80 oct. 125' tank E.
Asbury Park Inc. (N.J.)	3.3 NW;hwy SE	60	22 S6	80 oct.P-line NW;trees SE
(P)[Barnes] (Westfield, Mass)	3 NNE;RR W	268	50h L5 S6	80,91 oct. Lgts on req.
BEDFORD Army MH Fac.(Mass)	522 (BED)		MH	Oper cont.
BEDFORD Tower (Mass)	212 (126.18, 137.88)		CA	(3); 126.18, 137.88
(A) Bedford (Mass)	1 SSW	135	50h L5 S6	80-100 oct.73.100 oct. JP-1 for Army.
→BOSTON Range (Mass)(Logan)	382(BW)(116.1)	238°,1.4	SBRAZ-DTV	(3); 116.1
BRAINARD Tower (Conn)	278 (118.5)		AC	(4); 126.18,122.5,118.5
(NG)[Brainard](Hartford, Conn)	2.8 SE;riv E	18	48h L5 S6	73,100 oct. Dyke N,NE.
→BRIDGEPORT Range (Conn)	221 (WQ)	231°,4.0	MRLW	
BRIDGEPORT Tower (Conn)	269 (118.7)		C	(4); 118.7,122.5,126.18
(P)[Bridgeport] (Conn)	3.5 ESE	9	48h L5 S6	80,91 oct.
→CALCO STACK H Fac. (N.J.)	347 (V)	58°, 3.7	FMHW	(Cont), Newark.
Cape Cod (W. Barnstable,Mass)	2.1 SW;lk SW	100	21 S2	80 oct.
Chatham (Mass)	1.7 WNW;lk E	66	14 S4	80 oct. P-line NW.
Country Club (Wareham,Mass)	1.3 E;riv S	25	17 S4	80 oct. P-line,trees N.
Eastham (Mass)	1.2 NW;hwy E	50	20 S4	80 oct.FEE. Rnwy data unver. Smudge pots prior req.
Edgartown (Mass)	2 S;rds E,NW	20	30 S4	80 oct. P-line E.
Falmouth (Mass)	2.2 NE;hwy SE,E	35	21 S2	80 oct.P-line NNE.
Falmouth Mun. (Mass)	6.4 NNE;pond SW	100	20	Emerg. only-not mntnd.
FLATBUSH MH Fac. (N.Y.)	353 (F)	222°,16.1	FMHW	(Cont) La Guardia
FLOYD BENNETT Range (N.Y.)	379 (FB)	122°,1.9	SMRLZ-DT	(3)
FLOYD BENNETT NAS Tower	388 (142.74)		CN (GCA)	(3); 142.74 (8-17) (N.Y.)
FLOYD BENNETT NAS MH Fac. (N.Y.)	532 (NSC)	122°,0.15	MHW	(8-17 on req)
(N)Floyd Bennett NAS (New York, N.Y.) (N)	11.8 SSE	17	50h L6 S4	91,100 oct. No bcn,NATS
GREENE Tower (R.I.)	278 (118.9)		AC	(4); 118.9,122.5
[Greene] (Providence, R.I.)	7 S; hwy W	53	41h L5 S6	80,91,100 oct.P-line W.
HARTFORD Range (Conn) (Brainerd)	329(HT)(116.1)	323°,2.3	SBMRAZ-DTV	(3); 116.1
[Hyannis] (Mass)	1.2 N;RR E	56	39h L5 S6	80,91 oct.Lgts prior req.
IDLEWILD Range (N.Y.)	248 (NY)	72°, 2.3	SMRLW	
King (Taunton, Mass)	4.5 ESE;RR N	45	26 S6	80 oct. P-line NNE.
→LA GUARDIA Range (N.Y.)	209 (LG)(116.1)	223°,3.2	SBRAZ-DTXV	(3); 116.1
→LA GUARDIA Tower (N.Y.)	362 (126.18, 118.1,118.7)		AC (ILS)(GCA)	(4): 126.18,118.1,118.7, 122.5 & airline fregs.
[La Guardia] (N.Y.)	5 E;riv N	19	60h L6 S1	80-100 oct. Rdo rcvr.rqrd FEE.
Lakewood (N.J.)	2.8 SE;hwy N	32	26 L S4	80,91 oct.Flood lgts on req Trees W.
LINDEN MH Fac. (N.J.)	359 (Q)	238°,5.0	MHW	(Cont) (Newark)
LOGAN Tower (Mass)	278 (126.18, 118.7,118.1)		AC	(4); 126.18,122.5,118.1, 118.7
(NG)[Logan] (Boston, Mass)	1.5 E;harb S	12	70h (L6) S6	80,91,100 oct.Rdo rqrd. FEE. Ltd 80,91 oct., min rprs for NG.
(N)[Martha's Vineyard] (Vineyard Haven, Mass)	4.3 S;hwy S	68	38h L5 S4	80,91 oct.NAVY TMP INACT NO NAVY FACS.Fld lgts prior req.
(P) Mastic (N.Y.)	2.6 NW	66	40h	
MITCHEL Army Range (N.Y.) (Hempstead)	227 (DWM)	301°,3.2	SBMRAZ-DT	(3)
MITCHEL AAF Tower (N.Y.)	396 (126.18)+		CA(ILS-W) (GCA)	(3); 126.18 (Approach control)
(A) Mitchel (Hempstead,N.Y.)(A)	0.5 NE;RR N	85	57h (L6) S6	73,91,100 oct. JP-1.FOREIGN CLEAR. STN.
Monmouth Co. (Belmar, N.J.)	5.5 W;hwy E	180	35 L S6	80,91 oct.Flood lgts on req
Myricks (Berkley, Mass)	3 E;RR SW	65	20 S6	80 oct. SSW bkd.
[Nantucket] (Mass)	2.6 SE;rd N	47	40h L S6	80 oct. Port lgts.
NEWARK Range (N.J.)	341(NK)(116.1)	58°,1.0	SBRAZ-DTV	(3); 116.1
NEWARK Tower (N.J.)	278(126.18,118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A)[Newark] (N.J.)	3.5 SSE;RR E	18	79h (L6) S6	80,91,100 oct. JP-1.2-way rdo rqrd. FEE.
(P)New Bedford (Mass)	2.5 NNW;RR W	78	50h L5 S4	80,91 oct.Lgts prior req.
NEW HACKENSACK Range (N.Y.)	236(NX)(116.1)	5°, 5.3	SBRAZ-DTV	(4); 116.1
(P)New Hackensack (N.Y.)	0.5 W	166	35h	Obsts NE.
NEW ROCHELLE MH Fac. (N.Y.)	275 (R)	42°, 5.6	FMHW	(Cont) La Guardia.
Oak Bluffs (Mass)	0.8 SW;rd W	20	20	Avail. emerg only.
Ocean Co. (Breton Wood, N.J.)	1.5 SE;crk S	18	29 L S6	80,91 oct.Port flood lgts on req.
(N)Otis OLF (Falmouth, Mass) (N)	9 NNE	126	70h	INACTIVE.
Plymouth (Mass)	2 SSE	149	25	Data unver.
(N)Plymouth OLF (Mass) (N)	4.5 SW	140	28	
PROVIDENCE Range (R.I.)(Greene)	347(PR)(116.1)	47°, 3.2	BMRLZ-DTV	(3); 116.1
Provincetown (Mass)	2 WNW	5	17 S4	Fuel.Lgt planes only. Data unver.
QUABBIN Army H Fac. (Mass) (Westover)	317 (D)	59°, 8.5	FMHW	(Cont.) Westover
QUONSET POINT Navy Range (R.I.) (Providence)	356 (NCO)	339°,2.2	BMRLZ	3105; 142.74
QUONSET POINT NAS Tower (R.I.)	227 (142.74, 126.18)		CN (GCA)	(3); 142.74,140.58,126.18
(N)Quonset Point NAS (Providence, R.I.) (N)	16.5 S	14	60h L5 S6	91,100 oct. NATS.
Red Bank (N.J.)	1 S;hwy E	80	26 S6	80,91 oct.P-line W,S,N.
SQUANTUM NAS Navy Range (Mass)	233 (NZW)	321°, 3.7	BMRLZ	(3);142.74 flight opers.
SQUANTUM NAS Tower (Mass)	323 (142.74)		CN (GCA)	3105,4495;142.74 (8-30 min before sunset)
(N)Squantum NAS (Boston,Mass)(N)	4.3 SSE;bay N	10	41h L5 S6	100 oct.No bcn.Fld lgts on req.
STEWART Army Range (N.Y.)	335 (DMU)	125°, 2.5	MRLW	
STEWART Tower (N.Y.)	396 (126.18)		CA	(3); 126.18 (7-23)
(A)Stewart (Newburgh, N.Y.) (A)	4 NW;hwy N	474	60h L5 S6	100 oct. JP-1.
Suffolk (Westhampton Beach,N.Y.)	3.6 N	90	43 S6	80 oct. Pwr line N.
Suffolk Co. (Westhampton Beach)	2.6 N	69	50h	(N.Y.)
WESTFIELD Range (Mass)(Barnes)	230(WJ)(116.1)	27°, 1.7	BMRLZ-DTV	(4); 116.1
WESTOVER Army Range (Mass)	272 (DOJ)	239°, 2.7	BMRAZ	(3)
WESTOVER Tower (Mass)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18 (Approach control)
(A)Westover (Chicopee Falls,Mass) (A)	3.8 NNE;riv W	244	70h (L6) S6	73,100 oct. JP-1.

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

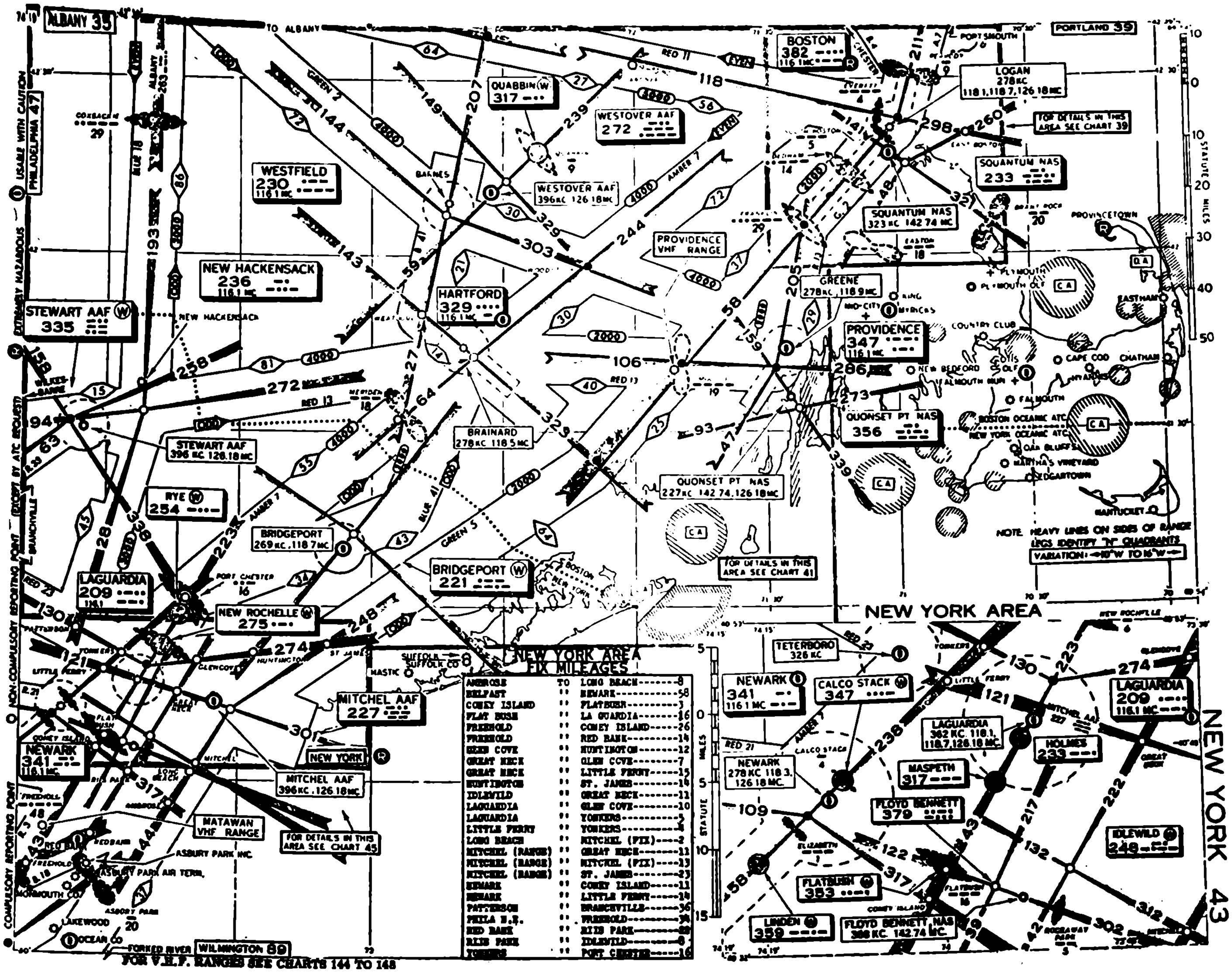
LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.9	333.8	44°	IM-	MM-•—•—(0.81)	OM- ——(4.49)
					MMK- 233 ——•	OMK- 317 •—••
MITCHEL (L6) (A)	110.3	335	301°	IM- (0.04)	MM- ••••••(0.87)	OM- ——(4.14)
					MMK- 257 ——	OMK- 272 •——
NEWARK (L6)	110.3	335	58°	IM-	MM- •—•—(0.61)	OM- ——(4.64)
					MMK- 201•————	OMK-
WESTOVER (L6) (A)	109.9	333.8	239°	IM- (0.49)	MM- ••••••(0.79)	OM- ——(3.38)
					MMK-	OMK-
WESTOVER (L6) (A)	109.5	332.6	59°	IM- (0.02)	MM- ••••••(0.72)	OM- ——(4.42)
					MMK- 201•————	OMK- 219 ———

NEW FACILITIES

Mid-City (North Dighton,Mass)	3 S	20	15 S4	Fuel Data unver.

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII)
→New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


ALBANY 35
PORTLAND 39
TO ALBANY
BOSTON 382 116 1MC
QUABBIN (W) 317
WESTOVER AAF 272
WESTFIELD 230 116 1MC
WESTOVER AAF 396KC 126 18MC
LOGAN 278KC 118 1, 118 7, 126 18MC
FOR DETAILS IN THIS AREA SEE CHART 39
SQUANTUM NAS 233
SQUANTUM NAS 323 KC 142 74 MC
PROVIDENCE VHF RANGE
NEW HACKENSACK 236 116 1 MC
HARTFORD 329 116 1MC
STEWART AAF 335
GREENE 278KC 118 9MC
PROVIDENCE 347 116 1MC
STEWART AAF 396 KC 126 18MC
BRAINARD 278KC 118 5MC
QUONSET PT NAS 356
QUONSET PT NAS 227KC 142 74 126 18MC
RYE (W) 254
BRIDGEPORT 269 KC. 118 7MC
BRIDGEPORT (W) 221
LAGUARDIA 209 116 1
NEW ROCHELLE (W) 275
MITCHEL AAF 227
NEWARK 341 116 1MC
MITCHEL AAF 396KC. 126 18MC
NEW YORK
MATAWAN VHF RANGE
FOR DETAILS IN THIS AREA SEE CHART 45
WILMINGTON 89
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
PHILADELPHIA 47
NEW YORK AREA
FIX MILEAGES
FROM TO
ASBURY PARK ---- LONG BEACH ---- 8
BELFAST " BEHARE ---- 58
CONEY ISLAND " FLATBUSH ---- 3
FLAT BUSH " LA GUARDIA ---- 16
FREEHOLD " CONEY ISLAND ---- 26
FREEHOLD " RED BANK ---- 14
HEAD COVE " HUNTINGTON ---- 12
GREAT NECK " GLEN COVE ---- 7
GREAT NECK " LITTLE FERRY ---- 15
HUNTINGTON " ST. JAMES ---- 16
IDLEWILD " GREAT NECK ---- 11
LAGUARDIA " GLEN COVE ---- 10
LAGUARDIA " YONKERS ---- 5
LITTLE FERRY " YONKERS ---- 4
LONG BEACH " MITCHEL (FIX) ---- 2
MITCHEL (RANGE) " GREAT NECK ---- 11
MITCHEL (RANGE) " MITCHEL (FIX) ---- 13
MITCHEL (RANGE) " ST. JAMES ---- 23
NEWARK " CONEY ISLAND ---- 11
NEWARK " LITTLE FERRY ---- 14
PATTERSON " BRANCHVILLE ---- 36
PHILA N.E. " FREEHOLD ---- 30
RED BANK " RIIS PARK ---- 22
RIIS PARK " IDLEWILD ---- 8
YONKERS " PORT CHESTER ---- 16
STATUTE MILES
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS
VARIATION: 14°W TO 16°W
NEW YORK AREA
TETERBORO 326 KC
NEWARK 341 116 1 MC
CALCO STACK 347
LAGUARDIA 209 116 1 MC
LAGUARDIA 362 KC. 118 1, 118 7, 126 18 MC.
HOLMES 239
MASPETH 317
NEWARK 278 KC 118 3, 126 18 MC.
FLOYD BENNETT 379
IDLEWILD 249
FLATBUSH 353
LINDEN 359
FLOYD BENNETT NAS 308 KC. 142 74 MC.
NEW YORK 43

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Aircraft Radio Corp. (Boonton, N.J.)	2.6 N;riv S	550	32	PRIVATE P-line N,E.
Almonesson (Blackwood, N.J.)	1.9 NW;RR E	50	21 S6	80 oct. Obsts sur fld.
Aviation Country Club (Hicksville, N.Y.)	2 S;hwy S	104	24 S6	80,91 oct
Bender-Brentwood (Brentwood, N.Y.)	1 ENE;RR N	85	10	
Benedict (Chester, Pa)	6.5 W	400	28 S2	80 oct. Data unver.
Berks (Reading, Pa)	4.5 NW;hwy SW	360	23 S4	80,91 oct Hill NW
Blackwood (N.J.)	0.5 ESE;hwy W	65	26 S4	80 oct. P-line N N/S usable in emerg.
Boulevard (Philadelphia,Pa)	12 NE;RR SW	160	22 S4	80 oct. Obsts sur fld.
Bridgeport (N.J.)	0.8 ESE;RR N	23	18 S4	80 oct.
Buckman (Chester, Pa)	2.3 WSW;RR NW	90	20 S4	80 oct.
Budd (Philadelphia, Pa)	13 NE;RR N	240	44h	Trees E,W.
Buehl (Philadelphia, Pa)	18 NE;RR SE	110	24 S4	80 oct. Data unver.
Burlington (N.J.)	1.7 ENE; hwy NNW	30	24 S4	80,91 oct. P-line E, SSE, NNW.
CALCO STACK H Fac.(N.J.)	347 (V)	58°, 3.7	FMHW	(Cont) Newark
CALDWELL-WRIGHT Twr. (N.J.)	260 (126.18)		CI	(4); 126.18,122.5 (0830-sunset,Mon-Sat.,9-sunset Sun.)
Caldwell-Wright (Caldwell, N.J.)	2.4 N;riv N	175	47h L1 S1	Restricted to factory operations.
Carll (Commack, N.Y.)	1 S;RR N,S	140	24 S1	80 oct. Trees S,SE.
Central (Camden, N.J.)	1.8 E;riv S,W	20	25h L4 S5	80,91 oct
Coatesville (Pa)	1.6 W;RR S	623	26 L1 S4	80 oct. Obsts sur fld.
Columbia (Valley Stream,N.Y.)	1 SW;RR N	15	29h	
Coyle (Chatsworth, N.J.)	6 ESE;hwy NE	190	18	Emerg. use only
Davis (Bayport, N.Y.)	1.3 NNW; RR S	40	22	
Deer Park (N.Y.)	0.8 ESE;RR N	75	10	Trees adj E;p-line W.
Donovan-Hughes (Greenridge, N.Y.)	1 N;creeks S, W	10	17 S1	80 oct.
Doylestown (Pa)	1.5 NNE	400	32 S6	80 oct. RR SW
DU PONT Tower (Del)	388		CI	3105,3117.5,5582.5 (8-20 daily except Sun)
Du Pont (Wilmington, Del)	3 WNW	185	29 L4 S6	80,91 oct SW bldg RR E.
East Hanover (N.J.)	1 N	170	15 S2	80 oct. P-line W.
Echelon (Ashland, N.J.)	0.5 SE;RR W	100	27 S6	80,91 oct P-line NW.
Fitzmaurice (Massapequa, N.Y.)	1.5 ENE; RR S	36	14 S6	80 oct. Trees N,S.
FLATBUSH H Fac. (N.Y.)	353 (F)	222°,1.6	FMHW	(Cont) La Guardia.
Florence (N.J.)	1 SE;riv N	50	24 S4	80 oct. P-line WSW,NW trees S.
FLOYD BENNETT Range	379 (FB)		SMRLZ-DT	(3) (N.Y.)
FLOYD BENNETT NAS H Fac. (N.Y.) (NC)	532 (NSC)	122°,0.15	MHW	(8-17 on req) Floyd Bennett.
FLOYD BENNETT NAS Twr (N) Floyd Bennett NAS (N.Y.)(N)	388 (142.74)	122°,1.9	CN (GCA)	(3); 142.74 (8-17)
Flushing (N.Y.)	11.8 SSE	17	50h L6 S4	91,100 oct. No bcn. NAT
Forsgate (Jamesburg,N.J.)	1.5 NNW; parkway E	4	32 L S4	80 oct P-line W,SW Port.rnwy lgts prior req.
(A) Fort Dix AAB (Wrightstown, N.J.) (A)	1.6 SW;RR E	150	24 S6	80,91 oct.P-line NNE, SW;twr N end.
General Motors (Linden, N.J.)	1 SE	120	81h	TMP INACT.NO FACS.
Gloster (Monigomeryville, Pa)	1 SE	23	42h	CLOSED. W,E,S,NW less than 10 to 1.
GRUMMAN Tower (N.Y.)	0.7 SE;hwy W	460	22 S1	80 oct. P-line SE,S,W.
Grumman (Bethpage,N.Y.)	323		CI	(7-2359 Mon-Sat)
Hadley (New Brunswick,N.J.)	0.5 W;RR NE	119	54h S5	91,100 oct. Poles SW,SE
Hicksville (N.Y.)	4 N;RR N	100	27 S6	80,91 oct.
Hightstown (N.J.)	2.4 N;RR E	190	20 S4	80 oct.Rnwy data unver.
IDLEWILD Range (N.Y.)	1.3 W	110	19 S6	80 oct. RR W.
JOHNSVILLE Tower (Pa)	248 (NY)	72°, 2.3	SMRLW	
(N) Johnsville (Pa) (N)	284 (142.74)		CN	3105 cont.; 4495,6210; 116.1,126.18,140.58 142.74 on req. (8-1/2 hr.past sunset)
Kaiser (Bristol, Pa)	0.5 N;RR E	366	46h L5 S1	91,100 oct. P-line W,NW
LA GUARDIA Range (N.Y.)	2 N;riv SE	35	38h	P-line SW.Restricted
LA GUARDIA Tower (N.Y.)	309(LG)(116.1)	223°, 3.2	SBRAZ-DTXV	(3); 116.1
[La Guardia] (N.Y.)	362 (126.18, 118.1,118.7)		AC (ILS) (GCA)	(4); 126.18,118.1,118.7, 122.5 & airline freqs.
LAKEHURST Navy Range	5 E;riv N	19	60h L6 S1	80-100 oct. Rdo rcvr rqrd. FEE.
	320 (NEL)	157°,0.7	MRLZ	3195 (4495 on req) (N.J.)

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
LAKEHURST NAS Tower (N.J.)	3295 (142.74)		CN	(3); 142.74
(N) Lakehurst NAS (LTA) (N.J.)(N)	1 NNW;riv N	94	38h L5 S6	91,100 oct Lgts on req.
Lancaster (Pa)	1.5 NNW;RR SW	320	28 S6	80,91 oct.ENE,NE,WSW blkd.
Lancaster,35,CO-PG (Pa)	5.5 N;hwy W	385	27h L4 S4	80 oct. P-line S,WSW
Lansdale (Pa)	1.6 ESE	450	29 S6	80,91 oct P-line N,NE,E S,W.
Layfield (New Hanover,Pa)	2 NE;hwy W	320	17 S6	80 oct. Trees NE
Lebanon Co.(Myerstown,Pa)	1.8 W;hwy S	525	17 S5	80 oct.
Lincoln Park (N.J.)	1.5 N;RR W	180	23 S1	80 oct. P-line N,S.
LINDEN H Fac. (N.J.)	359 (Q)	238°,5.0	MHW	(Cont.) Newark
MAC ARTHUR Tower (N.Y.)	278		CI	3105 (9-17 weekdays)
(P) MacArthur (Islip, N.Y.)	8 NE;RRs N,S	98	50h (L6) S1	91 oct. All lgts prior req Rdo rqrd.
Madeira (Reading, Pa)	3.2 N;RR W	360	21 S6	80 oct. Trees W.
Mahalchik (Columbus,N.J.)	2.8 S;hwy W	60	20	Unusable in wet weather
Marlton-Medford (Marlton, N.J.)	1.5 ENE	80	30 S2	80 oct.
Mercer Co.(new) (Trenton, N.J.)	5 NW; RR SE	211	41h	
Mercer Co.(old)(Trenton, N.J.)	5.8 NW;RR E	200	25 S1	73,80,91 oct.
Merrill (Bovington, N.J.)	1 ESE;RR E	70	35 S6	80 oct.Obsts sur fld.
Millard (Annville, Pa)	1.5 SW	480	18h S5	80,91 oct.
MITCHEL Army Range (N.Y.)	227 (DWM)	301°,3.2	SBMRAZ-DT	(3)
MITCHEL Tower (N.Y.)	396 (126.18)		CA (ILS-W) (GCA)	(3); 126.18 (approach control)
(A) Mitchel (Hempstead,N.Y.)(A)	0.5 NE;RR N	85	57h (L6) S6	73,91,100 oct.JP-1. FOR CLEAR STN.
Moorestown (N.J.)	1 NNE;RR S	70	18 L S4	80,91 oct Port rnwy lgts on req.
Morristown (N.J.)	3 E;RR N	187	40h L5 S4	80 oct.Lgts prior req.
Morrisville (Pa)	1.6 W;riv E	180	24 S6	80 oct.P-line sur fld.
Mount Holly (N.J.)	1 N;rd N	70	22 S1	80 oct.Use strips only.
Murchio (Paterson, N.J.)	4.5 WNW;rd N	350	32 S4	80 oct. Trees N.
MUSTIN NAAS Tower (Pa)	251 (126.18, 142.74)		CN	(3); 126.18,142.74 (7-sunset,other hrs on req
(N) Mustin NAAS (Philadelphia, Pa) (N)	4 S;riv S	16	48h L5 S6	100 oct. Obsts sur fld.
Nassau (Princeton, N.J.)	2.5 S;hwy SE	80	30	CLOSED.
Nassau (Hempstead,N.Y.)	4.5 E;hwy N	80	21	
NEWARK Range (N.J.)	341(NK)(116.1)	58°,1.0	SBRAZ-DTV	(3); 116.1
NEWARK Tower (N.J.)	278 (126.18, 118.3)		AC (ILS-W)	(4); 122.5,126.18,118.3
(A) Newark (N.J.)	3.5 SSE;RR E	18	79h (L6) S6	80,91,100 oct.JP-1.2-way rdo rqrd. FEE.
New Hanover (Pa)	0.5 W;hwy SE	300	18 S2	80 oct.
NEW ROCHELLE H Fac.(N.Y.)	275 (R)	42°,5.6	FMHW	(Cont) La Guardia
New Sayville (Sayville,N.Y.)	2 N;hwy 1 S	50	30 S4	80,91 oct.Trees NE,SW, WNW. P-line NE.
Old Star (Langhorne, Pa)	2.4 E;RR N	180	24 S5	80 oct. Poles N,S
Paoli-Malvern (Malvern,Pa)	1.3 SSE	460	24 S4	80 oct Trees NE,SE,SW
Patco (Norristown,Pa)	2.5 SE;betRRs	200	19 S6	80,91 oct.
Pennington (N.J.)	2 ESE;hwy S,E	230	24 S4	80 oct. P-line ESE,SSE
Perkiomen Valley (Collegeville, Pa)	1.5 NE;rds NE	280	32 S6	80 oct. P-line N,NE,E, SE.
Philadelphia Main Line (Paoli, Pa)	2.8 WNW; hwy S	310	21 S4	No fuel. P-line ESE.
PHILADELPHIA NORTH-EAST Range (Pa)	371 (NF)	238°,2.9	MLWZ-DT	
PHILADELPHIA NORTH-EAST Tower (Pa)	212		CI	(4)
Philadelphia Northeast (Pa)	12.2 NE;riv 1.5 SE	105	50h L5 S6	80,91 oct.No flood lgts.
PHILADELPHIA SOUTH-WEST Range (Pa)	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
PHILADELPHIA SOUTH-WEST Tower (Pa)	278 (118.1)		CI (ILS-W)	(4); 118.1, 122.5
[Philadelphia Southwest](Pa)	6.5 SW;riv S,SW	10	54h L6 S6	80,91 oct.Rdo rcvr rqrd.
Phoenixville (Pa)	3 NE	300	24 S4	Data unver.
Pitman (N.J.)	1.6 NNW;RR E	100	19 S6	80 oct.P-line SE,SSW.
Pottstown (Pa)	4.5 E;hwy N	311	30 S6	80 oct. Bldg NW.
Princeton (Rock Hill, N.J.)	1 W;riv E	160	19 S1	80 oct. P-line ENE,SSE
(A) Reading (Pa)	3 NW;riv E	342	52h L6 S6	91,80 oct.Ltd maint. 100 oct. for Army
REPUBLIC Tower (N.Y.)	371		CI	(3) (days only)
Republic (Farmingdale,N.Y.)	1.3 ENE;RR N	82	66h L6 S1	NE bldg.Closed ngts to trans. PRIVATE.
Richmond Co.(Travis, N.Y.)	0.5 SW;riv W	10	24	160' chimney SW.
Rockaway (Edgemere,N.Y.)	1 WSW	20	22 L S4	80 oct.Pwrline S,SE. Port.rnwy lgts.
Roosevelt (Mineola, N.Y.)	1.6 ESE;RR N	90	30h L3 S5	80,91,100 oct.Wires NE

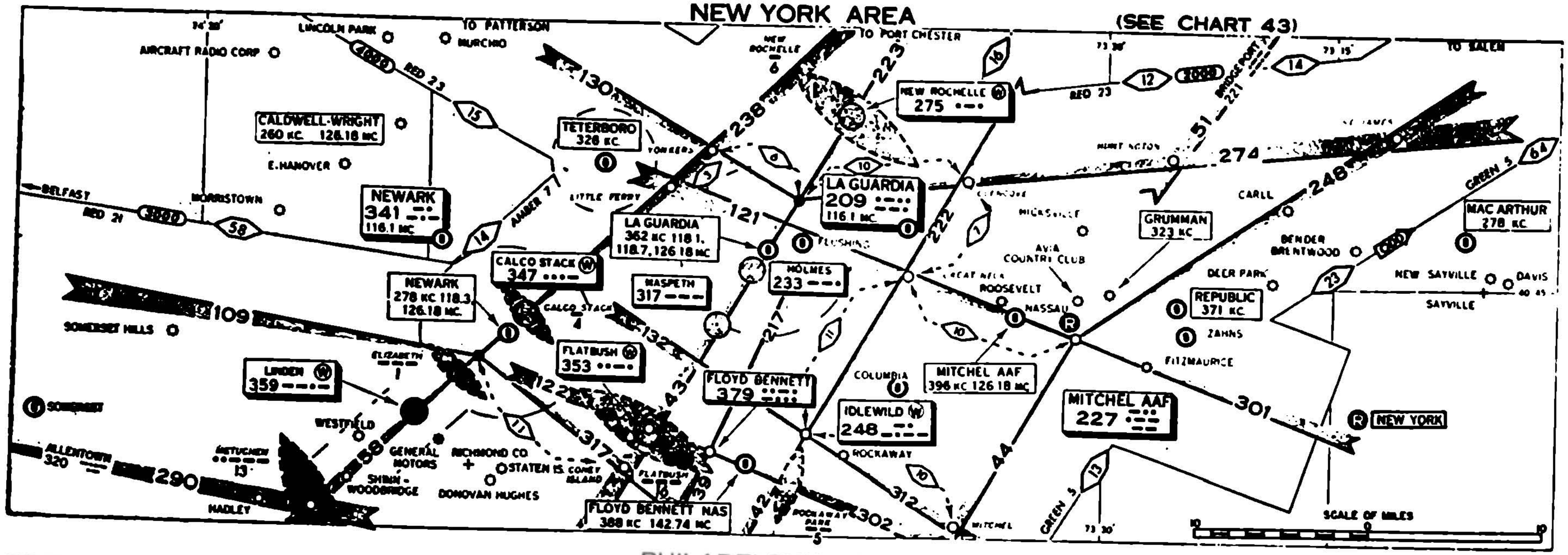
FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
RYE H Fac. (N.Y.)	254 (X)		MHW	(Cont) La Guardia
Sayville (N.Y.)	0.8 N	25	15	Trees sur fld.
Shinn-Woodbridge (Woodbridge, N.J.)	3.9 NW;RR E	120	21 L S4	73,80 oct P-line SE.
Skyhaven Aircenter (Morrisville, Pa)	1.2 SSE;RR W	25	26 S4	80 oct.
Somerset (Somerville,N.J.)	4.6 NW;RR SE	105	20 S6	80,91 oct.Trees W.
Somerset Hills (Basking Ridge, N.J.)	1.6 SE;RR S	250	24 S6	80 oct. P-line W.
Somerton (Philadelphia,Pa)	14 NE;RR N,E	200	25 S6	80 oct. Poles N,S,W.
Staten Island (New Springville, N.Y.)	1 S;rd W	40	22 S4	80 oct.P-line SW.
Stowe-Pottstown (Pottstown, Pa)	1.7 NW	245	26 S6	80 oct. P-line S.
TETERBORO Tower (N.J.)	326		CI	3105,6210,3117.5;122.5
(P) Teterboro (Bendix, N.J.)	0.5 SW;RR NW	5	30h L5 S6	80,91 oct.Rnwy lgts on req.Rdo rcvr rqrd Rnway data unver.
Trenton (N.J.)	6 NE;hwy NW	70	15 S1	80 oct.P-line W.Rest'd to USFS.
Trenton-Robbinsville (Robbinsville, N.J.)	1 ESE;rd N	115	40 L4 S6	80,91 oct.No bcn.N blkd.
Triangle (Glassboro, N.J.)	4.3 ENE	150	18 S2	80 oct. P-line SW
Turner (Lansdale, Pa)	4.2 ESE	375	19 S6	80 oct.
Valley Forge (Norristown,Pa)	4 WNW;riv NW	250	24 S6	80 oct.
West Chester (Pa)	2.5 NE;lk S	470	32 S4	80 oct.
Westfield (Rahway, N.J.)	2 W;lk N	100	24 S4	80 oct.Trees SW,W,N,S
WILLOW GROVE Navy Range	391 (NXX)	241°,3.3	MRLZ	(3); 142.74. (Pa)
WILLOW GROVE NAS Twr. (Pa)	356 (142.74)		CN	(3); 142.74 (days only exc on 1 hrs adv notice)
(N) Willow Grove NAS (Pa)(N)	4 NNW;hwy E	369	40h L5 S4	91,100 oct. NATS.
WINGS Tower (Pa)	278		CI	3105 (9-17)
Wings (Ambler, Pa)	3 WSW;rd E,W	350	25 S6	80,91 oct.Trees N,S.
Womelsdorf (Pa)	3 NW;hwy E	540	13 S1	73 oct.
Woodbury (N.J.)	1.8 SSW;RR N	50	21 S4	80 oct.
Zahns (Amityville, N.Y.)	2.5 NNE;RR NE	80	22 S6	80 oct.P-line SW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LA GUARDIA	109.9	333.8	44°	IM-	MM- (0.81)	OM- (4.49)
					MMK- 233	OMK- 317
MITCHEL (L6)(A)	110.3	335	301°	IM- (0.04)	MM- (0.87)	OM- (4.14)
					MMK- 257	OMK- 272
NEWARK (L6)	110.3	335	58°	IM-	MM- (0.61)	OM- (4.64)
					MMK- 201	OMK-
PHILADELPHIA SW	109.9	333.8	85°	IM-	MM- (0.66)	OM- (5.66)
					MMK-	OMK- 230

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs.
✠ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
–•– New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


NEW YORK AREA
(SEE CHART 43)
TO PATTERSON
TO PORT CHESTER
TO RALEN
AIRCRAFT RADIO CORP
LINCOLN PARK
MURCHIO
NEW ROCHELLE
CALDWELL-WRIGHT
260 KC 126.18 MC
E.HANOVER
TETERBORO
328 KC
YONKERS
NEW ROCHELLE
275
BELFAST
RED 21
MORRISTOWN
NEWARK
341
116.1 MC
LA GUARDIA
209
116.1 MC
LA GUARDIA
362 KC 118.1,
118.7, 126.18 MC
FLUSHING
CALCO STACE
347
NEWARK
278 KC 118.3
126.18 MC
HASPETH
317
HOLMES
233
SOMERSET HILLS
ELIZABETH
FLATBUSH
353
FLOYD BENNETT
379
LINDEN
359
SOMERSET
WESTFIELD
ALLENTOWN
320
GENERAL MOTORS
SHINN - WOODBRIDGE
RICHMOND CO
STATEN IS.
CONEY ISLAND
DONOVAN HUGHES
HADLEY
FLOYD BENNETT NAS
388 KC 142.74 MC
ROCKAWAY PARK
ROCKAWAY
IDLEWILD
248
COLUMBIA
MITCHEL AAF
396 KC 126.18 MC
MITCHEL AAF
227
NEW YORK
GRUMMAN
323 KC
AVIA
COUNTRY CLUB
ROOSEVELT
NASSAU
REPUBLIC
371 KC
ZAHNS
FITZMAURICE
DEER PARK
BENDER
BRENTWOOD
NEW SAYVILLE
DAVIS
SAYVILLE
MAC ARTHUR
278 KC
CARLL
HUNT SECTOR
SCALE OF MILES
109
130
238
223
121
132
43
217
122
317
88
39
42
302
44
222
274
248
301
51
221
109
PHILADELPHIA AREA
(SEE CHART 47)
TO ALLENTOWN
LEBANON CO.
WOMELSDORF
BERKS
MADEIRA
READING
MILLARD
LAYFIELD
NEW HANOVER
STOWE-POTTSTOWN
POTTSTOWN
PERKIOMEN VALLEY
PHOENIXVILLE
VALLEY FORGE
PHILA.MAIN LINE
PAOLI-MALVERN
COATESVILLE
W. CHESTER
LANCASTER MUN.
LANCASTER
LANCASTER
HARRISBURG
242
PHILADELPHIA
266
116.1 MC
BOOTHWYN
BENEDICT
DUPONT
388 KC
BUCKMAN
BRIDGEPORT
WILLOW GROVE NAS
391
DOYLESTOWN
LANSDALE
GLOSTER
TURNER
WINGS
278 KC
PATCO
WILLOW GROVE NAS
356 KC 142.74 MC
JOHNSVILLE
284 KC.
SOMERTON
BUDD BOULEVARD
PHILA. N E
212 KC.
HOLMESBURG
PHILA. S W
278 KC.
118.1 MC.
MUSTIN NAAS
251 KC 126.18, 142.74 MC.
MERRILL
ECHELON
ALMONESSON
WOODBURY
BLACKWOOD
PITMAN
TRIANGLE
MILLVILLE
PRINCETON
PENNINGTON
NASSAU
MERCER CO (OLD)
MERCER CO
TRENTON
HIGHTSTOWN
MORRISVILLE
OLD STAR
SKYHAVEN
TRENTON-ROBBINSVILLE
PHILA. NE
371
KAISER
FLORENCE
BURLINGTON
RHEHL
MT. HOLLY
MANALCHIK
FORT DIX AAB
LAKEHURST NAS
520
LAKEHURST NAS
3295 KC. 142.74 MC.
CASSVILLE
MOORESTOWN
CENTRAL
MARLTON-MEDFORD
FORSGATE
FREEHOLD
48
METUCHEN
COYLE
MILLVILLE
365
FORKED RIVER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
SCALE OF MILES
TO N. BALTIMORE
TO N. BALTIMORE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
RED 33
ALLENTOWN
320
BLUE 20
AMBER 7
RED 45
GREEN 4
GREEN 5
RED 3
FLATBUSH
180
151
241
238
331
148
61
58
253
328
60
298
80
350
243
115
CHART 45

PHILADELPHIA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Aircraft Radio Corp. (Boonton, N.Y.)	2.6 N;riv S	550	32	Poles N,E. Private.
Albert (Wallaceton,Pa)	3 ENE;rd N	1750	38 S5	80 oct.P-line sur fld.except W.
Alexandria (Pittstown,N.J.)	2 WNW;lk NE	340	18 S4	80 oct. Trees ENE.
ALLENTOWN Range (Pa) (Allentown-Bethlehem)	320(ZA)(116.1)	192°, 2.7	SBMRAZ-DTV	(4); 116.1, 122.1
[Allentown-Bethlehem] (Allentown, Pa)	4.6 NNE;RR NW	392	40h L5 S6	80,91 oct.Trees E,W.
ALTOONA Range (Pa) (Blair Co.)	336(RF)(116.1)	203°,1.3	SBMRAZ-DTV	(4); 116.1
Altoona (Duncansville,Pa)	1 SW;RR E	1050	36 S4	80 oct.
Angelica (N.Y.)	1.5 WSW;RR N		18 S1	80 oct. Data unver.
Barrett (Canadensis,Pa)	1.8 N	1450	18 S4	80 oct.
Bedford (Pa)	5.2 N;jct of hwys	1187	18 S4	Fuel Data unver.
Bellefonte (Pa)	4.3 ESE;hwy N	1045	21 L3 S6	80, 91 oct.
Berwick (Pa)	2.2 ENE	620	22 S4	80 oct. P-line E,NE.
Bethlehem-Easton (Easton, Pa)	4.5 SW;riv S	360	27 S6	80 oct.P-lines sur fld
Binghamton (N.Y.)	7.2 NNE;RR NW	940	18 S2	80 oct. Trees N.
Black Moshannon, 51A, CG-LG (Philipsburg,Pa)	7 E;hwy N	1940	30h L3	
Blair Co.,24A,CO-PG (Martinsburg, Pa)	0.9 SE	1495	44h L3 S4	80, 91 oct.
Bloomsburg (Pa)	0.8 ESE;riv S	478	32 L5 S6	80,91 oct.P-line SW,E.
Blue Swain (Sayre, Pa)	2.7 WNW;riv E	800	29 S6	80 oct.Trees ESE;mtn WNW.
Brown (Pittstown, N.J.)	1.5 SW;RR NE	540	40 S1	80 oct.S,N blkd.Private. Emerg. only.
Carbondale-Clifford (Carbondale, Pa)	7 NW;lks SE	1520	19	1 E of Clifford
Cargill(Granville, Pa)	1.5 SW;RR SE	490	20 S6	80 oct. Obsts sur fld.
Carlisle (Pa)	1.8 WSW;RR N	480	23 S6	80 oct.
Centre (Berwick, Pa)	6.5 WSW;RR N	500	29 S6	80 oct. E blkd.
Centreville (Carlisle,Pa)	11.3 SW;RR N	660	23	Trees N, NE.
Chambersburg (Pa)	1.2 SSE;RR SW	650	22 S6	80 oct. E/W strip rough.
[Chemung Co.] (Elmira, N.Y.)	6.5 NW;RR S	951	40h L5 S4	80,91,100 oct.
(P) Chemung Valley (Athens, Pa)	1.8 NNW;riv E	850	25 S6	80 oct.
Cherry Spring (Galeton,Pa)	10 SW;hwy 1 S	2265	19 S2	80 oct Trees W,SE,NW.
Clearfield (Pa)	1.5 WSW;RR SE	1220	20 S1	80 oct. P-line NE.
Community (Whitesville, N.Y.)	1.3 E;riv 1 N	2180	30	20-40' trees E,W,S.
Convair (Allentown, Pa)	3 SSW	399	40h	
Costa's (Painted Post,N.Y.)	2.7 NW	960	16 S1	80 oct. Trees W,NW.
Cresson (Pa)	1 NE;RR W	2240	25 S2	80 oct. P-line S.
Crowner (Wellsville,N.Y.)	1 W;RR E	1506	22 S2	80 oct. Obsts sur fld.
Cub Haven (Lockhaven,Pa)	1.7 E;RR S	550	25h S6	80 oct. Pwrline E.
Daleville (Pa)	0.6 N;hwy W	1775	17 S4	80 oct. Hills S;stacks SW.
Danville (Pa)	2.2 SW;RR N	480	22 S3	80 oct.Hills SE.
Devener (Hanover, Pa)	2 NNE;hwy W	590	20 S6	80, 91 oct.
Doersom (Gettysburg,Pa)	2.4 NW;RR N	590	19 S6	80 oct. Trees SW.
Eagle (Horseheads, N.Y.)	1.8 SSW;RR E	900	22 S1	80 oct. Trees SW.
East Hanover (N.J.)	1 N	170	15 S2	80 oct. P-line W.
Easton (Pa)	3.5 NNW;hwy E	380	22 S6	80,91 oct.P-line NNW,WSW
East Penn (Andreas, Pa)	1.5 NE;hwy S	860	18 S6	73 oct.
ELMIRA Range (N.Y.) (Chemung Co.)	385(EA)(116.1)	75°,1.8	SBRAZ-DTV	(4); 116.1
Elmira (N.Y.)	2 SSW;RR E	890	16	Trees adj NE; S.
Elmira-Pine City (Elmira, N.Y.)	4.6 SW;hwy N	980	14	Trees WSW.
Emmaus (Pa)	1.3 W	435	19 S2	80 oct. N blkd.
Estler (Mohrsville,Pa)	3.5 W;pond W	390	22 S6	Ltd 80 oct.Trees W.
Fogelsville (Pa)	0.7 E;RR SE	460	15 S4	80 oct.
Gettysburg (Pa)	2.9 NNW;RR SW	600	24 S3	80 oct.
Gordon (Pa)	1.8 W;RR E	960	18 S2	80 oct. Hills S.
Grand Cannon (Wellsboro, Pa)	5.2 WSW	2000	31 S2	80 oct.
Grants (Quakertown,Pa)	4 WNW;hwy E	600	18 S6	80 oct.
Green Acres (Beaver Meadows, Pa)	2 S	1260	20 S4	80,91 oct.P-line ENE.
Grimes (Bethel, Pa)	1.7 ENE;hwy S	582	29 S6	80,91 oct.Mtn NE.
Hackettstown (N.J.)	2 SSW;riv E	560	30 S4	80,91 oct.
Hadley (New Brunswick, N.J.)	4 N;RR N	100	27 S6	80,91 oct.
Halcott (Halcott City,N.Y.)	1 N		10 S1	80 oct. Data unver.
Hancock (N.Y.)	1.5 SSE;RR E	905	17	Hills SSE,NNW.
Harri-Emery (Bradford, Pa)	2.3 WSW;hwy N	1490	20 S4	80 oct.
HARRISBURG Range (Pa)	242(HX)(116.1)	118°,1.1	SBRAZ-DTV	(3); 116.1
HARRISBURG STATE Twr. (Pa)	278 (118.7)		AC	(4); 118.7,122.5
(N)[Harrisburg State] (Pa)	3.5 S;RR N	344	40h L5 S4	80,91 oct.Svcg days for NATS.
Hershey (Pa)	1.1 NNW;RR S	415	21 S2	80,91 oct.
Honesdale (Pa)	2 SE;riv S	920	25 S4	80 oct. Woods and hill E, W
Huguenot (Port Jervis,N.Y.)	3.3 NE;RR SE	480	21 S6	80 oct. Trees SW
Huntingdon (Pa)	1 S;riv NE	620	20 S4	80 oct. P-line W.
Jersey Shore (Pa)	1.5 E	530	25 S4	Data unver.
Keystone Park (Ebensburg, Pa)	3 SW;hwy E	2100	23 S4	80 oct. Obsts sur fld.
Kutztown (Pa)	1.5 S;RR SE	400	25 S4	73 oct.
Kylertown (Pa)	1 WNW	1660	40 S6	80 oct.Trees N,WNW.
LAKEHURST NAS Navy Range (N.J.)	520 (NEL)	157°,0.7	MRLZ	3195 (4495 kcs on req)
LAKEHURST NAS Tower (N.J.)	3295 (142.74)		CN	(3); 142.74
(N) Lakehurst NAS (LTA) (N.J.)(N)	1 NNW;riv N	94	38h L5 S6	91,100 oct.Lgts on req.
Lake Susquehanna (Blairstown, N.J.)	2.3 WSW;RR S	380	28 S6	80 oct.
Lehighton (Pa)	0.9 WSW;hwy NW	502	18 S6	80 oct. Trees WSW.
Lewistown (Pa)	4 SW;riv SE	560	20 S6	80 oct. P-line NW.
Livingston Manor (N.Y.)	0.8 SE;RR SW	1440	19 S3	80 oct.
(P) McKean Co.(Bradford,Pa)	11 S;RR SW	2140	45h S4	80,91 oct.
Margaretville-Fleischman (Margaretville,N.Y.)	0.4 SW;riv NW	1310	19 S1	80,91 oct.P-line NE.
Martin (Montour Falls, N.Y.)	1 NE;RR W, E	460	13 S4	80 oct.
Martins Creek (Belvidere, N.J.)	3 SSW;riv SE	340	26 S6	80,91 oct.P-line N,ENE. SE blkd.
Matamoras (Pa)	0.5 SSE;jct of rivs N	450	18h L4 S6	80 oct. No bcn. Lgts prior req.
Mid-Jersey (New Brunswick, N.J.)	3 WSW;hwy SE	120	18	P-line SE.Emerg. use.
Mid Valley (Olyphant,Pa)	3 N;rd NE	1580	20	
Mifflin Co.(Reedsville,Pa)	2.7 N;hwy W	830	37 S6	80,91 oct.
Milton (Pa)	0.8 S;RR W	450	27 S6	80 oct.P-line W,SW.
Monticello-Sullivan Co. (N.Y.)	1.4 S;RR E	1500	27 L S4	80,91 oct.Port rnwy lgts.
Morristown (N.J.)	3 E;RR N	187	40h L5 S4	80 oct.Lgts prior req.
Mt. Jewett (Pa)	0.8 ESE;hwy N	2240	19 S2	80,91 oct.Trees NE,W.
Mt. Pocono,21,BJ-LG (Pa)	1.5 NW;hwy NE	1925	26h L3	Trees NE.
(P) Mt. Union (Pa)	4 S;hwy E	560	30 S6	80,91 oct. E blkd.
Narrowsburg (N.Y.)	0.6 NNE;RR E	700	18 S4	80 oct. Mtns N, NE.
Nicholson-Mt.View (Nicholson, Pa)	4.8 ENE;crk NW	1280	21 S2	80 oct. Hills SE;trees NW
No. Brunswick (New Brunswick, N.J.)	2 SW;RR E	120	25	Sto.Poles ENE,ESE. P-line N,WSW.
Northwest Jersey (Clinton, N.J.)	3.6 W;RR S	380	22 S4	80 oct. Poles N,S.
Olean (N.Y.)	1.8 SE;riv N	1440	30 S4	80,91 oct.Trees W,N. Hill S.
OLMSTED Tower (Pa)	396(126.18)+		CA◆:45,05	(4); 126.18
(A) Olmsted (Middletown, Pa) (A)	1 W;RR N; riv S	300	50h L5 S6	62-100 oct. JP-1. Poles NE, N.
Osceola Mills (Pa)	0.5 NE;hwy N	1640	26 S2	80 oct. P-line E.
Painted Post (N.Y.)	4.4 SW;RR W	950	19 S2	80 oct. Trees E,W.
Penn-Harris (Harrisburg, Pa)	4 ESE;RR N	400	18 L S6	80,91 oct.Flood lgts.
PHILADELPHIA SOUTHWEST Range (Pa)	266(PG)(116.1)	97°,3.0	SBMRAZ-DTV	(4); 116.1
PHILADELPHIA SOUTHWEST Tower (Pa)	278 (118.1)		C(ILS-W)	(4); 118.1, 122.5
[Philadelphia Southwest] (Pa)	6.5 SW;riv S, SW	10	54h L6 S6	80,91 oct. Rdo rcvr rqrd.
PHILADELPHIA NORTHEAST Range (Pa)	371 (NF)	238°,2.9	MLWZ-DT	
PHILADELPHIA NORTHEAST Tower (Pa)	212		CI	(4)
(P) Philadelphia Northeast (Pa)	12.2 NE;riv 1.5 SE	120	50h L5 S6	80,91 oct.No flood lgts.
PHILIPSBURG Range (Black Moshannon,Pa)	224(MJ)(116.1)	169°,5.0	SBRAZ-DTV	(4); 116.1
Quakertown (Pa)	2 W;hwy E	520	21 S4	80 oct.
Randall's (Middletown, N.Y.)	1.8 ESE;RR NW	520	20 S2	80, 91 oct.
Reifenberg (Hazelton, Pa)	5.8 NNW;rd E	1146	21 S4	80 oct.
Reigel (Cambelltown,Pa)	1 N;hwy N	475	20 S4	80 oct.
Rockville-Danielsville (Danielsville, Pa)	1.7 E;RR N	720	20 S6	80 oct.Hill N.P-line E.
St. Mary's (Pa)	3.2 ESE;RR W	1900	21	
Schuylkill (Pottsville,Pa)	8.3 ESE;lk SE	510	29 L S6	80 oct. Port rnwy lgts. Hills E,NE, SW.
Scranton (Pa)	7.2 WNW	1150	24h L3 S6	73-91 oct.Fld lgts prior req.
Selinsgrove (Pa)	1.1 N;hwy E	450	25 S2	73,80 oct.P-line E,W
Shamokin (Elysburg,Pa)	2 SE;RRs W	1100	16 S2	80 oct.
Shinn-Woodbridge (Woodbridge, N.J.)	3.9 NW;RR E	120	21 L S4	73,80 oct.P-line SE.
Sidney (N.Y.)	1 WSW;RR SE	1012	24 S4	80 oct. P-line S.
Sky Haven (Tunkhannock, Pa)	0.3 S;RR N	639	20 S6	80,91 oct.P-lines,trees SW.
Skyview Acres (Muncy,Pa)	1.4 NE	500	26 S2	80,91 oct.P-line S,SE.
Solberg-Hunterdon (Readington, N.J.)	1 NNW;rd E	200	45 L S6	80,91 oct. Port lgts on req.
Slyder's (Emporium, Pa)	4 ESE;RR 1.7 W	2000	20 S2	80 oct.
Sommerset (Sommerville, N.J.)	4.6 NW;RR SE	105	20 S5	80,91 oct.Trees W.
Somerset Hills (Basking Ridge, N.J.)	1.6 SE;RR S	250	24 S6	80 oct. P-line W.
Starhaven (Middletown,N.Y.)	1.3 NW;RR N,SW	750	29	Trees SW,SE,NW.
State College (Pa)	3.4 E;hwy S	1200	17 S6	80 oct. P-line NW.
Stroudsburg-E.Stroudsburg (Stroudsburg,Pa)	2.5 NNW;RR S	480	22 S6	80 oct.
(P) Stultz (Altoona, Pa)	10.7 NNE;RR NW	970	30 S6	80,91 oct.P-line E.
SUNBURY MH Fac.(Pa)	353(SV)(116.1)		MHTV	(4); 116.1
Sunbury (Pa)	2 NNE	443	35 S4	80 oct.
Sunset Arwys (Chambersburg, Pa)	3.5 NNE;RR NNW	650	24 S4	80 oct.P-line E,NNW.
Susquehanna (Pa)	1.2 W;riv S	1000	17 S2	80 oct.
Sussex (N.J.)	1.2 WSW;RR S	420	25 S6	80 oct.200' knoll NNE
Swatara Valley (Pine Grove, Pa)	4 WSW;RR N	480	21 S4	80 oct.
Tamaqua Int,61B,CG-LG (Pa)	2.2 WNW;hwy W	1260	30 L3	
Taylor (New Kingston,Pa)	0.5 SE;hwy N	440	28 S6	80 oct.P-line N.
Towanda (Pa)	1.5 SSE;RR W	700	25h S2	80 oct.ENE,NE blkd.
Trexlertown (Pa)	0.7 E	430	24 S4	Data unver.
TRI CITIES Tower (N.Y.)	278		CI	3105,6210 (days)
Tri-Cities (Endicott,N.Y.)	3.5 WSW;riv S	840	35h L3 S6	80,91 oct.Wooded ridge
Trinca (Andover, N.J.)	2 WSW;RR E	600	24 S6	73 oct. W, ESE.
Tyrone Speedway (Pa)	4.2 SW;riv S	965	23 S4	80 oct. Mtns S. Trees WSW, N, ENE.
Utahville (Pa)	1 N;RR S	1800	22 S6	80 oct.Ltd 91 oct.
Valley Air Park (York,Pa)	3 ENE;RR N	420	21 S6	80 oct.Poles SSE,NW.
Waynesboro (Pa)	3 SE;hwy N	700	20h S6	80 oct.
WILKES-BARRE Range (Wilkes-Barre-Scranton)(Pa)	272(WI)(116.1)	91°,4.0	SBMRAZ-DTV	(4); 116.1
Wilkes-Barre (Pa)	3.5 NNE;riv S	546	35h L3 S4	80,91 oct.Lgts prior req. or in emerg.
[Wilkes-Barre-Scranton] (Wilkes-Barre, Pa)	10 NE;riv N	950	52h L5 S1	80,91 oct.Lgts on req.
WILLIAMSPORT Range (Pa)	375(IA)(116.1)	281°,7.0	BMRLZ-DTV	(4); 116.1
(P)[Williamsport] (Pa)	5.1 E;riv S	529	43h L5 S6	80,91 oct.Lgts emerg only.
Wurtsboro (N.Y.)	2 NE;RR E,SE	560	31 S6	80 oct.Obsts sur fld.
York (Pa)	See Thomasville under "New Facilities" - name change			

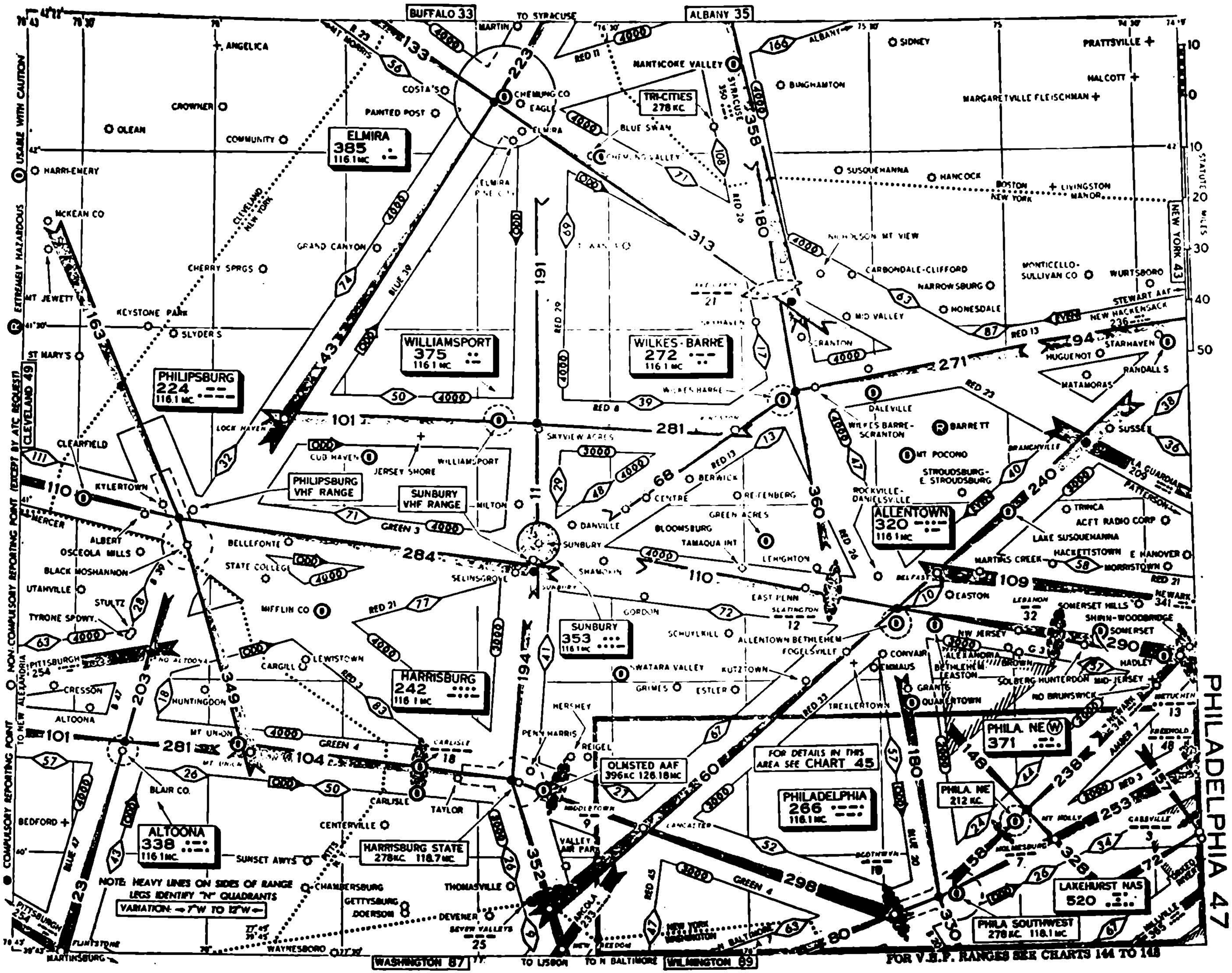
INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC/LZ R.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
PHILADELPHIA SW	109.9 ·—·—·	333.8	85°	MM- ·—·—· (0.66)	OM- ——·—— (5.66)
				MMK-	OMK-230 ··—··
				MM-	OM-
				MMK-	OMK-

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Thomasville (York,Pa)	8.3 WSW;RR E	469	19 S6	80 oct.Pwrline NW.
Nanticoke Valley (Maine,N.Y.)	4 NNE;hwy E	975	18 S2	80 oct.Data unver.
Prattsville (N.Y.)	1.5 SE;riv W	1200	15 S1	80 oct.Mtns sur fld.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. ✣ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→← New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


BUFFALO 33
ALBANY 35
TO SYRACUSE
ANGELICA
CROWNER
OLEAN
COSTA'S
PAINTED POST
CHEMUNG CO
EAGLE
ELMIRA
TRI-CITIES
278 KC
MANTICOKE VALLEY
BINGHAMTON
SIDNEY
PRATTSVILLE
MALCOTT
MARGARETVILLE FLEISCHMAN
BLUE SWAN
ELMIRA
385
116.1 MC
COMMUNITY
HARRI-EMERY
SUSQUEHANNA
HANCOCK
BOSTON
NEW YORK
LIVINGSTON MANOR
MCKEAN CO
GRAND CANYON
CHERRY SPRGS
MT JEWETT
KEYSTONE PARK
SLYDER'S
ST MARY'S
WILLIAMSPORT
375
116.1 MC
WILKES-BARRE
272
116.1 MC
NICHOLSON MT VIEW
CARBONDALE-CLIFFORD
NARROWSBURG
MONTICELLO-
SULLIVAN CO
WURTSBORO
HONESDALE
MID VALLEY
SCRANTON
STEWART AAF
NEW MACKENSACK
236
HUGUENOT
STARHAVEN
RANDALL S
MATAMORAS
PHILIPSBURG
224
116.1 MC
CLEARFIELD
LOCK HAVEN
CUD HAVEN
JERSEY SHORE
WILLIAMSPORT
SKYVIEW ACRES
DALEVILLE
WILKES BARRE-
SCRANTON
BARRETT
MT POCONO
STROUDSBURG-
E STROUDSBURG
SUSSEX
BRANCHVILLE
PHILIPSBURG
VHF RANGE
SUNBURY
VHF RANGE
MILTON
KYLERTOWN
MERCER
ALBERT
OSCEOLA MILLS
BLACK MOSHANNON
UTAHVILLE
STULTZ
TYRONE SPOWY.
BELLEFONTE
STATE COLLEGE
MIFFLIN CO
SELINSGROVE
DANVILLE
BLOOMSBURG
TAMAQUA INT
CENTRE
BERWICK
REEDSBURG
GREEN ACRES
LEHIGHTON
ROCKVILLE-
DANIELSVILLE
ALLENTOWN
320
116.1 MC
TRINCA
ACFT RADIO CORP
LAKE SUSQUEHANNA
MARTINS CREEK
HACKETTSTOWN
E HANOVER
MORRISTOWN
SUNBURY
353
116.1 MC
SHAMOKIN
GORDON
SCHUYLKILL
EAST PENN
SLATINGTON
ALLENTOWN BETHLEHEM
FOGELSVILLE
EASTON
LEBANON
SOMERSET HILLS
NEWARK
341
SHIRN-WOODBRIDGE
SOMERSET
290
NW JERSEY
ALLEMANNIA
BETHLEHEM
EASTON
BROWN
SOLBERG HUNTERDON MID-JERSEY
HADLEY
NO BRUNSWICK
CONVAIR
GRANTS
QUAKERTOWN
TREXLERTOWN
SWATARA VALLEY
KUTZTOWN
GRIMES
ESTLER
HARRISBURG
242
116.1 MC
CARGILL
LEWISTOWN
HUNTINGDON
PITTSBURGH
254
CRESSON
ALTOONA
BLAIR CO.
BEDFORD
ALTOONA
338
116.1 MC
SUNSET AWYS
HERSHEY
PENN HARRIS
REIGEL
CARLISLE
TAYLOR
CENTERVILLE
OLMSTED AAF
396 KC 126.18 MC
FOR DETAILS IN THIS
AREA SEE CHART 45
PHILADELPHIA
266
116.1 MC
PHILA. NE (W)
371
PHILA. NE
212 KC
HARRISBURG STATE
278 KC 118.7 MC
MIDDLETOWN
VALLEY
AIR PARK
LANCASTER
SCOTTSVILLE
MT HOLLY
MOORESTOWN
CAMDEN
LAKEHURST NAS
520
PHILA SOUTHWEST
278 KC 118.1 MC
CHAMBERSBURG
GETTYSBURG
DOERSOM
DEVENER
SEVEN VALLEYS
THOMASVILLE
WAYNESBORO
MARTINSBURG
FLINTSTONE
NEW FREEDOM
NEW YORK
WASHINGTON
BALTIMORE
NOTE: HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°W TO 13°W
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
TO NEW ALEXANDRIA
CLEVELAND 49
CLEVELAND NEW YORK
BLUE 39
BLUE 47
BLUE 20
RED 8
RED 11
RED 13
RED 20
RED 21
RED 22
RED 23
RED 26
RED 33
RED 45
GREEN 3
GREEN 4
AMBER 7
AMBER 13
NEW YORK 43
PHILADELPHIA 47
STATUTE MILES
NAUTICAL MILES
WASHINGTON 87
TO LISBON
TO N BALTIMORE
WILMINGTON 89
FOR V.F.R. RANGES SEE CHARTS 144 TO 148

CLEVELAND

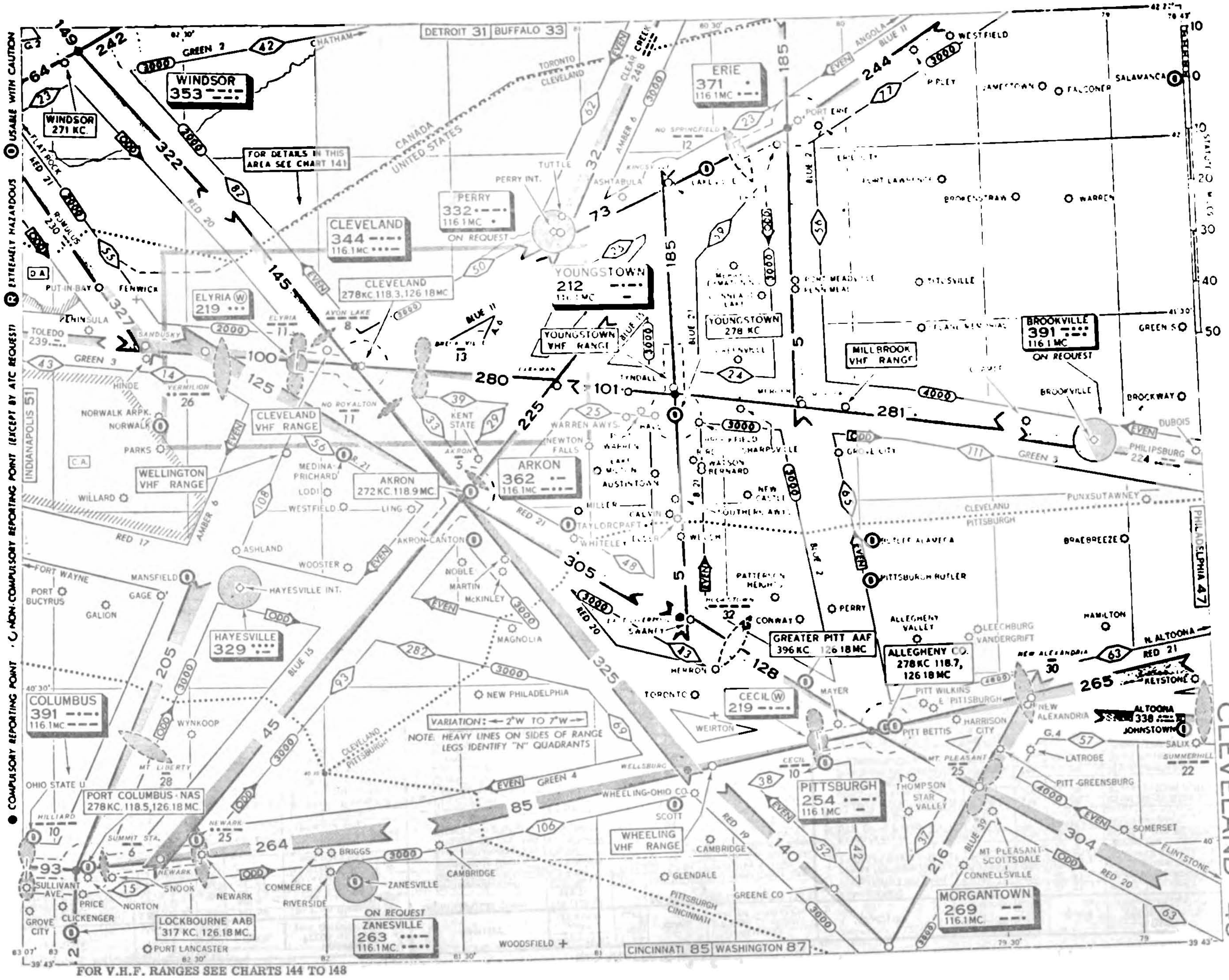
FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR. & DIST / ELEV	CLASS	REMARKS FREQS GUARDED, HRS OF OPERATION
AKRON Range (Ohio)	362(AX)(116.1)	45°, 0 4	BMRLZ-DTV	(3); 116 1
AKRON Tower (Ohio)	272 (118.9)		C	(4); 122 5, 118 9
(P) [Akron] (Ohio)	3 4 SE; RR W	1042	44h L5 S6	80-100 oct P-line SW; hills SE ARPT OF ENTRY.
Akron-Canton Arpt-Co Field (Canton, Ohio)	8 5 NNW; RR 1 W	1227	56h L6 S1	80, 91 oct.
ALLEGHENY CO Tower (Pa)	278 (126 18, 118.7)		AC	(4); 140 1, 122 5, 126 18
[Allegheny Co.] (Pittsburgh, Pa)	5 3 S; RR NW	1251	57h L6 S6	80-100 oct No ctc lgts Rdo rcvr rqrd.
Allegheny Valley (Tarentum, Pa)	3 2 W; RR W	1125	24 S4	80 oct.
Ashland (Ohio)	1 8 N; hwy W	1079	28 S4	80,91 oct P-line W E blkd
Ashtabula (Ohio)	3 1 W; lk N	621	17 S6	80,91 oct Soft when wet
Austintown (Ohio)	0 8 SSE; hwy N	1160	31 S4	80 oct E,W blkd
← Bernard (Youngstown, Ohio)	3 4 E; lk N	1140	28 S6	80,91 oct P-line N,S,W Smudge pots in emerg.
Bird (Youngstown, Ohio)	2 6 NE; RR W	1000	23 S4	80,91 oct P-line W,N
Braebreeze (Marchand Pa)	0 3 N; RR NW	1600	18 S2	80 oct Trees N,NE
Briggs (Zanesville, Ohio)	6 4 NNE; riv W	780	18 S2	80 oct P-line N, E
Brockway (Pa)	1 3 NE	1700	18 S2	80 oct Trees SE, NW
Brokenstraw (Youngsville, Pa)	2 6 W; RR S	1230	19 S6	80 oct P-line NE,SW, WSW
← BROOKVILLE H Fac (Pa)	391(BR)(116.1)		MHTV	(4), 116 1 Manned 7-23
• Brookville Int. 45A, CG-LG (Pa)	2 WSW RR E	1416	30 L3	Trees E,W,SW
Butler-Alameda (Butler, Pa)	3 4 WNW	1340	24 S6	80 oct P-line E.
Calvin (No. Lima, Ohio)	2.8 WNW	1165	23 S1	80 oct N,NNW,SSE blkd
Cambridge (Ohio)	2 N. RR S. 1 W	800	27 L3 S6	80 oct Hill, trees ESE, SSW
CECIL H Fac (Pa)	219 (C)	265°, 10.3	FMHW	(Cont.) (Pittsburgh)
CLEVELAND Range (Ohio)	344(CV)(116 1)	100°, 0 7	SBRAZ-DTXV	(4), 116 1
CLEVELAND Range (Ohio)	278		ML	Opers on req
CLEVELAND Tower (Ohio)	278 (126 18, 118.3)		AC	(4), 126 18, 118 3, 122 5
(A) [Cleveland] (Ohio)	8 5 SW riv W	789	60h L6 S6	73,80,91,100 oct JP-1 FEE. ARPT OF ENTRY
Clickinger (Columbus, Ohio)	6 2 SSE. RR E	748	26 S4	80 oct P-lines N,NE,SW, NW Rough
COLUMBUS Range (Port Columbus NAS, Ohio)	391(CO)(116 1)	84°, 1 9	SBRAZ-DTV	(3); 116 1
Commerce (Zanesville, Ohio)	6 5 N riv 1 5 E	800	29 S6	80, 91 oct
Conneaut Lake (Pa)	1 7 WSW; hwy SE	1250	19 S3	80,91 oct P-line SE end
(P) Connellsville (Pa)	5,2 SW; hwy E	1250	34h S6	80, 91 oct
Conway (Pa)	0 7 N	950	24 S4	80 oct Hill N Rnwy data unver.
Cramer (Clarion, Pa)	1 ENE, riv N	1480	28 S6	80,91 oct Trees N,E,S
Dubois (Pa)	1 7 ESE. RR NE	1575	30 S6	80,91 oct P-line W
East Pittsburgh (Pa)	10 ESE, lk SW	1150	21 S6	80 oct Trees NE
Elser (No Lima, Ohio)	1.2 NW, hwy E	1060	18 S1	80 oct Trees E,W Hwy S
ELYRIA H Fac (Ohio)	219 (S)	280°, 10.9	FMHW	(Cont) Cleveland
ERIE Range (Port Erie, Pa)	371(ER)(116 1)	64°, 2 0	SBMRAZ-DTV	(4), 116 1 (ILS-W)
Erie City (Kearsarge, Pa)	0 5 W; hwy E	900	29 L S6	80,91 oct Port rnwy lgts P-line SE
Erie Co (Erie, Pa)	11 6 SW, hwy N	805	24 S6	80 oct P-line SSE,NW
Falconer (N Y)	1 3 NNE, RR S	1250	22 S4	80 oct Obsts sur fld
Fenwick (Kelleys Island, Ohio)	1 3 NE; bay N	600	15	W blkd, trees S Rough
Gage (Mansfield, Ohio)	4 5 W, RR S	1360	13 S6	80 oct Trees E
Galion (Ohio)	1 5 WNW, RR SE	1155	18 S2	80 oct
Glendale (W Va)	0 5 WSW, riv W	640	24 S6	80 oct Trees N,S P-lines S
GREATER PITTSBURGH Tower (Pa)	396(126 18)+		CA	(3); 126 18
(A) Greater Pittsburgh (Pittsburgh, Pa) (A)	15 WNW, riv N	1145	55h L5 S4	100 oct
(P) Green Co (Waynesburg, Pa)	2 7 E	1100	30 S6	80,91 oct Obsts sur fld
Green (Ridgeway, Pa)	3 NW, hwy 1 E	1720	21 S1	80 oct.
Greenville (P.)	3 W, RR E	1180	17 S2	80 oct P-line S, SW
Grove City (Ohio)	1 S; RR W	860	21 S6	80,91 oct Trees E, poles W
Grove City (Pa)	2.1 SSE; RR E	1275	22 S6	80,91 oct.
Hall (Warren, Ohio)	3 5 ENE; RR NW	900	26 S1	80 oct Private Poles E
Hamilton (Indiana, Pa)	2.5 E; hwy S	1440	26 S6	80 oct P-line S
Harrison City (Pa)	1.1 NW; hwy S	1200	17 S4	80 oct S & NW blkd
HAYESVILLE H Fac. (Ohio)	329 (HA)		BMHT	(4) (Cont.)
✱ Hayesville Int, 27, LV-CV (Ohio)	21 5 WNW; hwy E	1300	30 L3	
Herronville (New Cumberland, W Va)	4 NE; lk W	1250	17 S4	80 oct
Hinde (Sandusky, Ohio)	2 8 E; RR S	574	30 S6	80 oct P-line SE,S ARPT OF ENTRY.
Jamestown (N.Y.)	4.1 N; hwy E	1719	27h S6	80 oct. Trees S.
(P) Johnstown (Pa)	4.7 E; hwy N	2282	45h L5 S6	80,91 oct No flood lgts
Kent State (Ohio)	2.8 W, RR S	1120	36 S4	80 oct No sto P-line N
Keystone (Emporium, Pa)	0.5 SW	1210	15	P-line SW, NE
Lake Milton (Ohio)	0.4 W, lk E	950	17	Rough P-line NE,E
Lakeville (Conneaut, Ohio)	2 ESE, RR N	670	18 S4	80 oct P-line N,NE,NW
Latrobe (Pa)	2.8 SSW; hwy N	1144	23h S4	80 oct.
Leechburg (Pa)	1.6 SE, RR SE	960	26 S6	80,91 oct SE blkd
Ling (Barberton, Ohio)	3 WSW; RR 0.8 N	1150	30 S4	80 oct Obsts sur fld
LOCKBOURNE AAB Tower (Columbus, Ohio)	317 (126 18)+		CA (ILS-W)	(3); 126 18
(A) Lockbourne AAB (Columbus, Ohio) (A)	11.5 SSE; RR W	744	55h L5 S5	73,100 oct JP-1
Lodi (Ohio)	2.2 ENE; hwy E	1135	25 S4	80 oct Poles W; bldg NE
McKinley (Canton, Ohio)	2.3 NE; hwy SE	1100	28 S2	80 oct P-line E,SE.
Magnolia (Ohio)	0.5 NW, RR SE	970	22 S2	80 oct Trees W.
Mansfield (Ohio)	3.8 N; RR E	1300	56h S6	80,91 oct.
Martin (Canton, Ohio)	4 NNE; hwy SE	1080	30 L S6	80 oct Flood lgts on req P-line W,NW; ridge SE
Mayer (Pa)	10 WSW, RR S	900	18 S6	80 oct House NE, E blkd
Medina Prichard (Medina, Ohio)	3 WNW; RR NW, SE	1060	29 S6	80 oct No sto; poles S Rnwy data unver.
Mercer (Pa)	4.8 NNE; RR W	1300	22 L1 S6	80 oct.
Merry's Pymatuning (Linesville, Pa)	1 5 NW, RR E	1200	21 S2	80 oct P-line NNE
Miller (No. Benton, Ohio)	1.5 W; RR SE	1070	28 S4	73 oct Poles S
Mt Pleasant-Scottsdale (Mt. Pleasant, Pa)	2.8 S; dam NNE	1160	18 S6	80 oct Trees SE
New Alexandria (Pa)	1 5 ENE; hwy N	1200	18 S4	80 oct P-line N
Newark, 2, CO-PG (Ohio)	3.5 SW, RR 1 NW	880	24 L3 S4	80 oct S blkd
New Castle (Pa)	4 WNW; hwy SE	1080	29h S6	80, 91 oct
(P) New Philadelphia (Ohio)	2.5 SE; riv 0.5 SW	885	36 S6	80 oct P-line and obsts sur fld.
Newton Falls (Ohio)	2 SW; RR E	950	22 S1	73 oct.
Noble (Massilon, Ohio)	4.5 NNE	1080	29 S4	80 oct No sto P-lines SW,S
Norton (Columbus, Ohio)	6.5 E, RR N	800	22 S4	80,91 oct P-line SW
Norwalk (Ohio)	0.8 NE; RR W	700	18 S2	80 oct Poles W,SW Const on E/W rnwy
Norwalk Arpk (Ohio)	2 NNE, RR W	690	29 S6	80 oct Poles W,SW
(P) Ohio State University (Columbus, Ohio)	8 NNW, riv 2 E	900	22h S4	80,91 oct Svcg 0830-1730 until Sept 30
Parks (Norwalk, Ohio)	4.5 S; hwy W, E	880	28 S2	80 oct House NE, E
Patterson Hgts (Beaver Falls, Pa)	1 5 S; riv SE	1020	27 S4	80 oct
Peninsula (Port Clinton Ohio)	3 5 E; RR S	587	36 L3 S1	80 oct P-line N, S
Penn-Mead (Meadville, Pa)	4 SW, hwy E	1365	20 S3	80 oct Trees N,E,S,W
PERRY H Fac. (Ohio)	332 (PE)(116.1)		MHTV	(4), 116 1
✱ Perry Int, 4B, CV-AZ (Ohio)	2,3 NE, hwy N	692	23 L4	P-line E,SE.
Perry (Mars, Pa)	5 E, hwy E	1060	25 S6	80 oct N blkd
PITTSBURGH Range (Pa) (Allegheny County)	254(PT)(116.1)	85°, 2.2	SBRAZ DTV	(3), 116 1
Pittsburgh-Bettis (Pittsburgh, Pa)	5 SSE	1250	25h S6	80, 91 oct
Pittsburgh-Butler (Butler, Pa)	6.2 SSW; hwy E	1235	49 L1 S6	80 oct
Pittsburgh-Greensburg (Greensburg, Pa)	2 3 SE; reservoir N	1280	19 L1 S6	80 oct Tower W; trees E
Pitt-Wilkins (Pitcairn, Pa)	1 N	1200	23 S4	80 oct. S blkd.
Port Bucyrus (Bucyrus Ohio)	2 S; RR NW, E	1000	26 S6	80 oct Poles E
PORT COLUMBUS NAS Tower (Columbus, Ohio)	278 (118.5, 126.18)		AC (ILS)	(4); 122.5, 118.5, 126 18
(N) [Port Columbus NAS] (Columbus, Ohio)	7 E; RR S	817	50h L6 S6	80,91,100 oct P-lines NE, E, W.
[Port Erie] (Erie, Pa)	6 WSW; RR SE	735	45h L6 S6	80,91 oct. Flood lgts on req. P-line E, S.
Port Lancaster (Hooker, Ohio)	0.8 N; RR W	800	28 S1	80,91 oct Hwy W
Port Lawrence (Corry, Pa)	1.2 S; RR N	1745	23 S2	80 oct Trees SE,W,NW
Port Meadville (Meadville, Pa)	3.4 W; hwy S	1400	32h L4 S6	80,91 oct Flood lgts on req. Trees NE
Port Warren (Warren, Ohio)	1.5 N; RR W		24 S1	80 oct Data unver.
Price (Columbus, Ohio)	6 SE; bet RRs	760	22 S6	80,91 oct P-line S,SE Use strips.
Punxsutawney (Pa)	3 NE; hwy 0.5 S	1470	22 S2	80 oct P-line SSE,S, ESE.
Put-In-Bay (Ohio)	1.2 SSW	590	14 S2	80 oct. P-line N,W,NW ARPT OF ENTRY
Ripley (N Y.)	1.4 WNW; lk N	650	22 S4	80 oct. No sto.
Riverside (Zanesville, Ohio	3.4 NNE; RR W	700	40 S6	80 oct. Hill, trees NNE,SSW
Salamanca (N.Y.)	1.6 W; RR N,S	1370	12 S6	80 oct.
Salix (Pa)	0.6 S; RR NW	2200	24 S4	80 oct.
Scott (Tiltonsville, Ohio)	1.5 SSW; riv E	650	25	
Sharpsville (Pa)	3 ENE	1110	18 S2	80 oct.
← Snook (Reynoldsburg, Ohio)	1.4 NE, hwy .5 S	960	25	80 oct P-line E
Somerset (Pa)	2 NNE; RR SE	2200	27 S4	80 oct P-line W.
← Southern Arwys (Woodsworth, Ohio)	2.5 NNW, hwy N	1040	27 S4	80,91 oct P-line E, NW Smudge pots in emerg.
Splane Mem'l (Oil City, Pa)	4.1 NNW; hwy E	1490	22h S6	80,91 oct Trees N,E,S
Star Valley (Charleroi, Pa)	3 SE; riv E	765	25 S1	80 oct Bldg S RR W
Stout (No Kingsville, Ohio)	1 E; RR N,S	710	30 S2	80 oct N blkd
Sullivant Ave. (Columbus, O)	6 WSW, RR NW	860	31 S6	80,91 oct P-line sur fld
Swaney (E Liverpool, Ohio)	4.9 NW, crk SE	1170	22 S2	80 oct.
Taylorcraft (Alliance, Ohio)	2.5 NNE; hwy E	1080	22h S5	80 oct No sto Poles sur fld
Thompson (Monongahela, Pa)	5 E	1240	20 S2	80 oct NE,SW blkd
Titusville (Pa)	3.7 WSW	1600	23 S6	80 oct Pwr-line NE,E
Toronto (Ohio)	1.5 NW; riv E	1050	22 S1	80 oct Trees S,SE
Tuttle (No. Madison, Ohio)	2.2 NW; lk N	625	16	80 oct N blkd P-line S
Tyndall (Warren, Ohio)	6 NNW; RR E	940	28 L1 S4	80 oct N,S,W blkd
Vandergrift (Pa)	2 WNW	1000	24 S1	80 oct P-line NW SE,W blkd
Warren (Pa)	2 WSW, RR N	1100	23h S6	80 oct P-line WNW
Warren Arways (Ohio)	2.3 WNW; hwy N	900	25 S4	80 oct Trees S,WNW
← Watson (Youngstown, Ohio)	3.8 E; lk S	1080	31 S4	80,91 oct. P-line W.
← Weirton (Hollidays Cove)	1.5 E	1144	46h S6	80,91 oct Data unver (W Va)
Welsh (No. Lima, Ohio)	2.4 S; hwy E	1155	18 S1	80 oct. E blkd Lake E
Westfield (N.Y.)	1.5 WSW; hwy N	758	18	S blkd.
Westfield (LeRoy, Ohio)	1.2 SSE; RR E, S	1030	25 S4	80 oct P-line W Rnwy data unver.
(P) Wheeling Ohio Co. (W.Va)	7.5 NNE, riv 2 W	1193	50h L5 S4	80,91 oct Lgts prior req
Whiteley (Alliance, Ohio)	2 ESE; RR W	1065	16 S1	80 oct N,S blkd
Willard (Ohio)	1.6 SSW, RR NE	960	29 S6	80 oct Poles S,W.
Woodsfield (Ohio)	1 W; hwy E	1220	19	Emerg. only
(P) Wooster (Ohio)	3 NNE; hwy SE	1150	30 S6	80 oct. P-line N,SE,S
(P) Wynkoop (Mt. Vernon, Ohio)	1.4 SSW, hwy E	1050	34 S2	80,91 oct P-line N,W blkd.
YOUNGSTOWN Range (Ohio)	212(CT)(116.1)	185°, 3 4	BMRLZ-DTV	(3), 116 1
YOUNGSTOWN Tower	278		C	(4) (Ohio)
← [Youngstown] (Ohio)	11 N; hwy E	1178	39h L5 S6	80,91 oct.
ZANESVILLE H Fac. (Ohio)	263(VL)(116.1)		MHTV	(4), 116 1
(P) Zanesville (Ohio)	6.2 E, hwy 1 N	902	50h L5	Fld lgts prior req.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALLEGHENY CO.			95°	IM-	MM-	OM-
					MMK-201 ·—·—(0.8)	MK-
LOCKBOURNE (A)	109 9		3°	IM- (0 16)	MM- ·····(0 85)	OM- — — (4 29)
					MMK.	OMK.
PORT COLUMBUS	109.5		95°	IM-	MM- ·—·—(0.65)	OM- — — (4.50)
					MMK.	OMK.
NEW FACILITIES						
MORGANTOWN Range (W.Va)	296(MG)(116.1)	173°, 5.6		BMRLZ-DTV	(4), 116 1	

RADIO: S - Simul Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice, (vhf) - Voice on 116.1 and 111 1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ·—· New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


CLEVELAND 49
DETROIT 31 | BUFFALO 33
CINCINNATI 85 | WASHINGTON 87
WINDSOR 353
WINDSOR 271 KC
ERIE 371 116.1MC
CLEVELAND 344 116.1MC
PERRY 332 116.1MC
ON REQUEST
CLEVELAND 278KC.118.3,126.18MC
YOUNGSTOWN 212
YOUNGSTOWN VHF RANGE
YOUNGSTOWN 278 KC
MILLBROOK VHF RANGE
BROOKVILLE 391 116.1MC
ON REQUEST
ELYRIA (W) 219
CLEVELAND VHF RANGE
WELLINGTON VHF RANGE
AKRON 272KC.118.9MC.
ARKON 362 116.1MC
HAYESVILLE 329
HAYESVILLE INT.
COLUMBUS 391 116.1MC
PORT COLUMBUS-NAS 278KC.118.5,126.18MC.
LOCKBOURNE AAB 317 KC. 126.18MC.
ZANESVILLE 263 116.1MC.
ON REQUEST
WHEELING VHF RANGE
PITTSBURGH 254 116.1MC
CECIL (W) 219
GREATER PITT AAF 396KC 126.18MC
ALLEGHENY CO. 278KC 118.7, 126.18MC
MORGANTOWN 269 116.1MC.
ALTOONA 338 JOHNSTOWN
FOR DETAILS IN THIS AREA SEE CHART 141
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
CANADA UNITED STATES
TORONTO CLEVELAND
CHATHAM
PERRY INT.
TUTTLE
ASHTABULA
PORT ERIE
WESTFIELD
JAMESTOWN
FALCONER
SALAMANCA
WARREN
BROOKVILLE
BROCKWAY
DUBOIS
PHILIPSBURG
PUNXSUTAWNEY
BRADDOCK
BRAEBREEZE
HAMILTON
ALTOONA
PHILADELPHIA 47
PUT-IN-BAY
FENWICK
SANDUSKY
TOLEDO
NORWALK
HINDE
VERMILION
NORWALK ARPK.
PARKS
WILLARD
MEDINA-PRICHARD
LODI
WESTFIELD
LING
ASHLAND
WOOSTER
MANSFIELD
PORT BUCYRUS
GAGE
GALION
FORT WAYNE
INDIANAPOLIS 51
NOBLE
MARTIN
McKINLEY
MAGNOLIA
AKRON-CANTON
KENT STATE
NO ROYALTON
WARREN AWYS.
NEWTON FALLS
AUSTINTOWN
MILLER
CALVIN
TAYLORCRAFT
WHITELEY
NEW CASTLE
SOUTHERN ANTS
WATSON REINHARD
SHARPSVILLE
GROVE CITY
CLEVELAND
PITTSBURGH
PITTSBURGH BUTLER
PERRY
CONWAY
PATTERSON HEIGHTS
MEMORIAL
SHANTY
MEMRON
TORONTO
WEIRTON
MAYER
LEECHBURG
VANDERGRIFT
ALLEGHENY VALLEY
NEW ALEXANDRIA
PITT WILKINS
PITT BETTIS
HARRISON CITY
PITT GREENSBURG
LATROBE
SALIX
SUMMERHILL
SOMERSET
THOMPSON
STAR VALLEY
MT. PLEASANT
MT. PLEASANT-SCOTTSDALE
CONNELLSVILLE
WELLSBURG
WHEELING-OHIO CO.
SCOTT
CAMBRIDGE
GLENDALE
GREENE CO
PITTSBURGH CINCINNATI
WOODSFIELD
NEWARK
SUMMIT STA.
HILLIARD
OHIO STATE U
SULLIVANT AVE.
PRICE
NORTON
SNOOK
COMMERCE
RIVERSIDE
BRIGGS
ZANESVILLE
PORT LANCASTER
CLICKENGER
MT. LIBERTY
WYNKOOP
NEW PHILADELPHIA
CLEVELAND PITTSBURGH
VARIATION: ← 2°W TO 7°W →
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
CLEAR CREEK
AMBER 6
RED 20
RED 21
RED 17
BLUE 15
BLUE 11
BLUE 2
GREEN 2
GREEN 3
GREEN 4
EVEN
ODD
3000
4000
149
242
64
322
327
145
100
125
280
101
225
305
325
128
185
244
73
32
5
281
265
304
216
140
85
45
205
264
93
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
Adrian City (Adrian)	3 SW;RR N	800	25 S6	80,91 oct.Obsts sur fld.
ARCHBOLD & Fac (Ohio)	371 (YV)		MHW	(Cont.) (Mich)
Archbold (Ohio) (A)	3.5 NNW;RR N	716	28 L3	(Ohio)
Ashley (Ind)	2 S;hwy W	647	26 S1	80 oct Data unver
Auburn (Ind)	1.3 NNW;RR E	872	27 S6	80,91 oct P-lines E,W Soft when wet
BAER Tower (Ft Wayne) (A) [Baer](Ft Wayne,Ind)	278		C	(4)
	7 5 SSW; RR E	798	63h L5 S4	91 oct 100 oct Army Fld lgts prior req
BENDIX Tower (So Bend) [Bendix](So Bend,Ind)	278 (118.3)		C	(4), 118.3,122.5
	3.5 NW;hwy S	778	48h L3 S6	80-100 oct P-line E,S
Black Hawk (Sheridan)	5 3 N;hwy E	925	17 S2	80 oct (Ind) NE,ESE
Bluffton-Wells Co	2.8 WSW;RR S	820	32 S4	(Bluffton,Ind.)80 oct.P-line
Bricker (Bowling Green)	1 NE,RR W	675	30 S6	(Ohio)80,91 oct P-line NE, E,S,SW
Bringham (Portland,Ind)	1.5 E;RR E	1020	20	Poles S;120'tank SW
Bryan-Defiance Mem'l (Defiance, Ohio)	5.2 NW,riv E	705	31 S2	73,80 oct P-line S,E
(N) Bunker Hill NAS (N)	1.8 W,hwy E	798	50h	INACTIVE (Ind)
Cadet (So Bend,Ind)	6.5 NE;RR E	730	26 S4	80 oct SE,E,SW,S blkd.
Cass Co Memorial (Dowagiac,Mich)	1 NW	750	31 S4	80 oct P-lines E,NE S blocked
← Cedar Lawn (Kenton)	2.3 S;RR E	975	16 S2	(Ohio) 80 oct.P-line NE,E,SE
Chain-O-Lakes (So Bend)	5.2 W,lk SW	765	21 S6	80 oct.P-line N,NW.(Ind)
Cheever (Demotte,Ind)	3 W		29 S1	80 oct Data unver
CLINTON CO AAF Range	114.3 (DWO)		VARW	(8-1630 Mon -Fri)
CLINTON CO Army H Fac (Ohio)	201	220° 0 2	MHW	(8-1630,Mon -Fri.or on 30 min.notice)
← CLINTON CO Tower (O) (Wilmington, Ohio)	272(126 18, 137 88)		CA(ILS-W) (GCA)	(3),126 18,137 7
Clinton Co AAF (Wilmington, Ohio) (A)	2SE;hwy NE	1062	60h L5 S1	73,91,100 oct JP-1 Rnwy lgts 1 hr's notice
* Coldwater Int,4 DY-GO	2 NW;crk NW	898	33 L3	(Ohio)
Coons(Nevada,Ohio)	0 3 NE;RR S		21 S2	80 oct Data unver
Cork(Marshfield,Ind)	2 NW	640	24 S2	80 oct.P-line N.
Coxey's (Winchester, Ind)	1 ESE	1088	16 S6	80 oct P-line S,SW Stacks NW
Crabill [Spr ngfld,Ohio)	2.5 SE;RR E	1040	29 S6	80 oct P-line S
Culver (Ind)	2 E,lk SW	815	26	Use strips only
Dahio (Dayton,Ohio)	8.5 W;hwy S	925	37 S4	80 oct
DAYTON Range (Ohio)	245 (DY) (116.1)	90° 3.2	SBMLZ-DTV	(3), 116 1
DAYTON Tower (Ohio)	278 (126 18, 118.9)		AC (ILS)	(4) 122.5,126 18,118.9
(P) [Dayton] (Ohio)	10 N;hwy E	1007	55h L6 S6	80,91,100 oct.
Dr Haines (Three Rivers, Mich)	See Haines under "New Facilities" - name changed.			Poles N (Ind)
E Richmond (Richmond)	3.7 ESE,RR E	1090	20 L S6	80 oct,Flares on req
Elkhart (Ind)	2.7 NNW;	752	30 S6	hwy LE 80,91 oct. Trees N
Elwood (Ind)	2 S;hwy NW	861	23 S6	80 oct P-line S. NE,SE,NW
FINDLAY H Fac (Ohio)	209 (JF)		BMHT	(4) (cont)
Findlay (Ohio)	1.5 SSW	800	27 L4 S4	80 oct Obst sur fld.
FORT WAYNE Range (Ind) (Baer Field)	251 (FW) (116.1)	51° 3.3	BMRLZ-DTV	(4);116.1,122.1
Franklin (Toledo,Ohio)	4.5 WNW	630	32 S6	80 oct Poles sur fld
Gamble (Hobart,Ind)	1.6 NNW-hwy S	650	25 S6	80,91 oct P-line NE,E
Gary (Ind)	6 S,hwy W	610	23 S6	80,91 oct P-line E,SE,S.
Gordon (New Carlisle, Ind)	2.8 ESE: RR N	730	13 S1	Fuel avail SW,W Poles E.
GOSHEN Range (Ind)	320 (GO) (116 1)	90° 2.7	SBRAZ-DTV	(4);116.1,122.1
(P) Goshen (Ind)	4.5 SSE	823	39 L3 S6	80,91 oct P-line S,SE,SW
Grieser (Wauseon,Ohio)	2.5 E;RR N	750	24 S1	80 oct P-line S,SE,SW
← Grimes (Urbana,Ohio)	1.5 N,RR W	1055	25 L5 S1	80,9. oct Fld lgts prior req.
Halsmer (Lafayette,Ind)	3 ESE;RR S	595	40 L S6	80,91 oct Port lgts on req.P-line SW
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct Poles SE,SSW
Highland (Perrysv'l,Ind)	2.8 WNW	585	23 S2	Ltd 73 oct
Highman (Lebanon,Ohio)	3 E;RR W	880	16 S1	80 oct Trees W,E
Hillsdale (Mich)	1.6 NW;RR E	1160	19 S4	80 oct Poles NE
← Hi-Way(Decatur,Ind)		775	25 S1	80 oct Wires E Data unver
(P) Hulman (Terre Haute, Ind)	5 ESE hwy N	585	53h L5 S4	80,91 oct No sto Fld lgts orior req
Huntington Mun.(Ind)	2.5 SSE;riv S	825	22 S4	73 oct P-line W,NW
INDIANAPOLIS Range(Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3),116.1,122.1

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
INDIANAPOLIS Tower	278 (126 18, 118.7)		AC (ILS)	(4); 122 5,126 18,118 7
(P) [Indianapolis](Ind)	8 SW, hwy E	796	53h (L6) S6	80-100 oct Exper lgtg
Jasper Co.(Rensselaer)	1.5 WNW	676	32 L3 S4	80 oct.Hwy S (Ind)
Kendallville (Ind)	2 2 N;hwy W	696	25 S4	80 oct No sto P-line SW
Kentland(Goodland,Ind)	4 WNW	650	25 S4	80 oct,P-line NE. S
Kingman Fly Svc.(Ind)	1 ESE;hwy N	710	20 S4	80 oct.P-line N,NE,E
Kirsch (Sturgis,Mich)	1 NW;RR E	922	24 S4	80 oct Poles S.E Use strips only
← Kokomo,mun.(Ind)	4.7 NE	827	40h L5 S4	80 oct P-line N Lgts
LAFAYETTE Range (Purdue Univ.)(Ind)	227 (LF) (116 1)	50°, 2.4	BMRL-DTV	(4), 116 1 prior req
Lakeview (Montezuma)	1 SW;hwy W	895	24 S2	80 oct Pole N (Ohio)
Lansdowne (Greenville) Ohio)	2 ESE;RR N	1208	19 S6	80 oct Bldgs,h)-line N Data unver
La Porte (Ind)	2.5 SSW	801	29 L3 S6	80 oct S&SW blkd RR W
Legg (Coldwater,Mich)	1.5 NW	982	32 S4	80 oct Trees E
Lima (Ohio)	4 WNW	830	26 S6	80,91 oct P-line N RR
Lockwood (Frankfort,	2.5 S;RR W	873	20 S6	80 oct E,SE blkd NE
Logan (Logansport) (Ind)	7 S	594	15 S1	80 oct P-line S (Ind)
Logansport (Ind)	3.5 SW;hwy E	620	25 L S4	80 oct No sto Appchs blkd except S,SW.Port lgts prior req
Manchester (No.Manchester, Ind)	1.5 W;RR E	752	20 S2	80 oct Poles S
Marion (Ind)	3.8 SSW; hwy E	832	24 L S6	80,91 oct P-line NE,E Port lgts on req
Marion (Ohio)	2.5 WNW	915	28 S4	80 oct RR S
McCOOL H Fac (Ind)	359 (ML)		MHW	Oper cont
* McCool Int,3,CG-LG	2 SW;hwy S	654	24 L3	(Ind) P-line W.
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct. Data unver.
Mettel (Connersv'l,Ind)	2.8 NNE	950	29 S2	80 oct Bet RRs.
Meyers (Ft Wayne,Ind)	3 SSE,rd S,E	800	24 S6	80,91 oct Pwrline NE.
(P) Miami Univ.(Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct Poles N,NW.
Mid City(Mich.City,Ind)	3 S	650	26 S4	80 oct Wires N
Michigan City (Ind)	4 E;RR N	650	23 S3	80,91 oct P-line S,W
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct Poles E,SW
Midway (Goshen,Ind)	5 NW		36	Data unver
Midway (Lewisburg)	3.4 WSW;RR E	1090	26 S4	80 oct Trees W (Ohio)
Monticello(Chalmers)	3 ENE;RR W	650	19 S2	80 oct Hwy W (Ind)
Monroe (Newport,Mich)	3.5 SSE,lk SE	590	29 S4	80 oct Trees NE,SE,SW
(P) Muncie (Ind)	3.5 N;RR SW	950	32h L4 S6	80,91 oct Lgts on req
National Avia.(Toledo, Ohio)	4.1 NNE.	595	38 S6	80,91 oct P-line NE,E S,SW,W
New Westville (New Paris, Ohio)	2.8 S;RR S	1180	21 S1	80 oct Poles E,NW,SE
Niles (Mich)	1.5 NE;RR NW	740	28 S2	80,91 oct P-line NE,N
No Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	No sto Poles S blkd
Ockley (Ind)	1 W			ABANDONED
PATTERSON Army Range (Fairfield)(Ohio)	379 (DPK) (137.88)	32°, 2.96	SBMRAZ-DTV	(4),137.88
← PATTERSON Tower	396(126 18, 137.88) +		CA(ILS-W) ◆ 53.13 (GCA)	(4),126 18,137.88
(A) Patterson (Fairfield)(A)	1.6 WSW	819	78h L6 S4	73,100 oct JP-1 (Ohio)
Paul S.Cox (Terre Haute, Ind)	3.2 S;hwy W	485	27 S6	80,91 oct P-line NE,SW
Paulding (Ohio)	1.8 NE,RR 2 W	720	25 S4	80 oct S blkd.
← Peru (Ind)	3.5 WSW	650	24 S6	80 oct S,SW blkd Riv E
← Piqua (Ohio)	4 WNW, hwy S	1000	19 L S2	80 oct P-lines S
(P) Plymouth (Ind)	1.5 NW;RR E	898	20 S6	80,91 oct N,SE appch
← Port Core (Rushsylvania, Ohio)	1.6 SSW; RR NW	1275	24 S2	80 oct Soft when wet P-lines N,NE clear
Port Konsta (Wapakoneta, Ohio)	2.1 NNE;RR E	900	24 S6	80 oct.SW,W,NW blkd.
Port O'the Woods (Annapolis, Ind)	2.2 NNW creek N	560	33 S4	80 oct Trees ENE,WSW
(P) Purdue Univ.(Lafayette, Ind)	2.5 W;RR N	605	35h L3 S6	80 oct No sto P-line N, stack NE
Reimer (Lafayette,Ind)	2 S		25 S2	80 oct Data unver.
Rensselaer (Ind)	10 NE		18	Data unver
Richmond,com. (Ind)	4 WSW;hwy N	1075	38 L1 S6	80,91 oct P-line N,E
(P) Richmond,mun.(Ind)	6 SSE;RR W	1139	55h L5 S1	80,91 oct No flood lgts
Rochester (Ind)	1.5 E;RR N	779	25 L S6	80,91 oct Poles SE,NW,N
Ruzicka(Kokomo,Ind)	2.5 S;hwy E	800	26 S6	80,91 oct Pole E,NE blkd
St Joseph Co.(Centerv'l)	5 SE;RR N	830	26	P-line N,NW blkd (Mich)
Shaffer's (La Fontaine)	5 NE;hwys N,W		19 S4	80 oct Data unver (Ind)
NEW FACILITIES				
Galveston (Ind)	3.2 ° N,W	795	37	
← Putnam (Ottawa,Ohio)	1 ENE			No other data available.

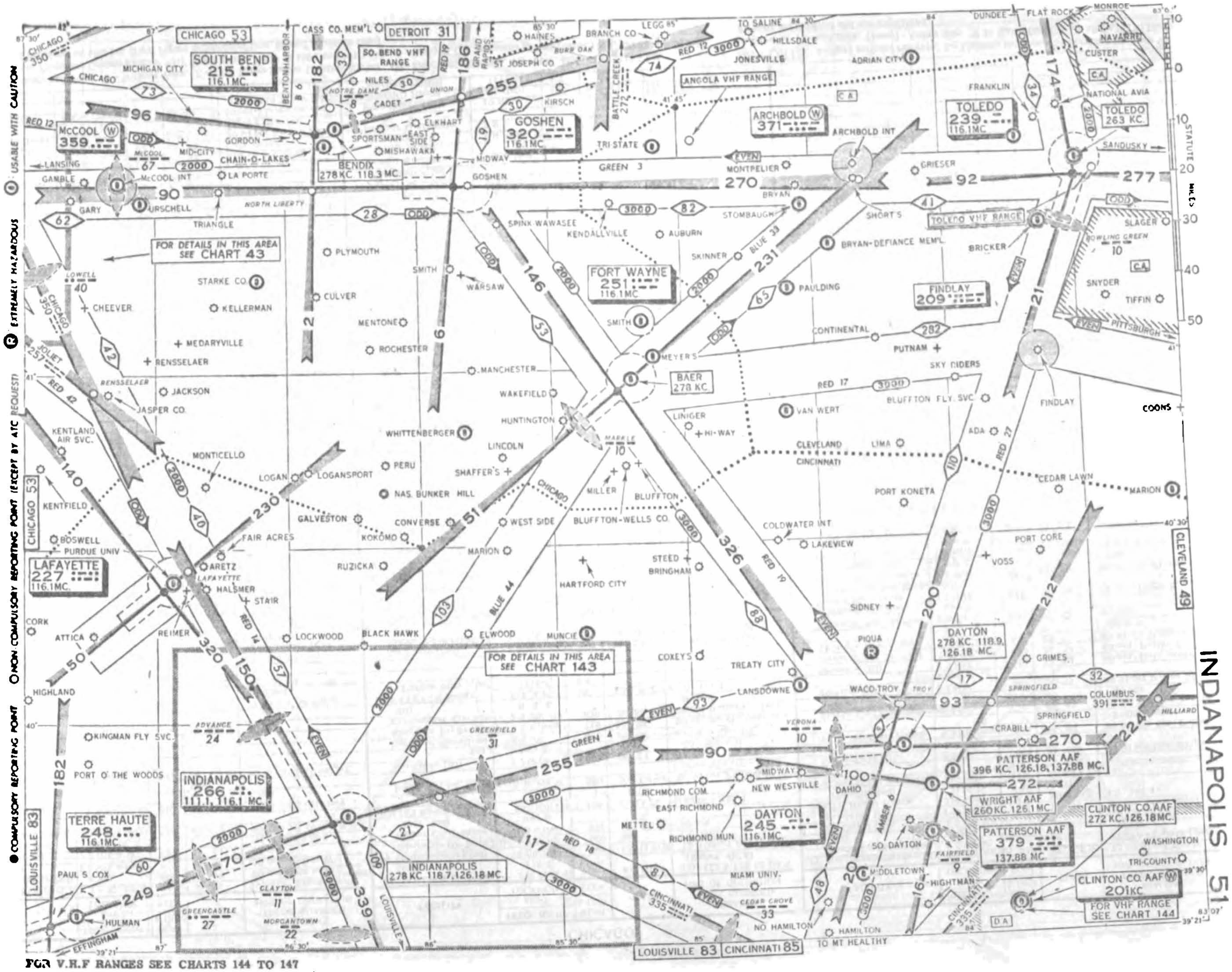
FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Sidney (Ohio)	1 W,RR S		25 S2	80 oct Data unver.
Skinner (Hicksv'l,Ohio)	1.6 NNW	810	26 S1	73 oct.Obsts sur fld.RRS
Slager (Fremont,Ohio)	2 NW;RR SW	630	24 S6	80 oct P-line N,E.Bldgs
Smith (Ft.Wayne,Ind)	4.5 N;bet RRs	831	35h L4 S6	80,91 oct Lgts SE, prior req
Smith (Warsaw, Ind)	4 N	790	27 S2	80 oct P-line NE,SSW
SOUTH BEND Range (Bendix) (Ind)	215 (SN) (116 1)	75°, 3.3	SBMRAZ-DTV	(3);116.1,122.1
So Dayton (Dayton,O)	5 SSW;RR W	750	32 S6	80 oct No sto Hills S.
Spink-Wawasee (Syracuse, Ind)	3.4 E	880	15 S1	80 oct. P-lines N,NE S, SW.
Sportsman (Mishawaka)	3.7 NE,riv S	760	13 S4	80 oct,Appchs blkd exc. N,NW.
← Springfield (Ohio)	4.2 ESE: hwy E	1050	28 L4 S4	80 oct No sto. (Ind.) Lgts prior req P-line NE,E
Stair (Mulberry,Ind)	0.3 NE;hwy S	650	16 S4	80 oct No sto P-line S
Starke Co.(Knox,Ind)	1.7 S	714	26 S3	80 oct P- Data unv lines sur fld No sto.
Steed (Portland,Ind)	1.5 NW;hwy E	1000	24 S4	80 oct.P-line N,NE.
Stombaugh(Bryan,Ohio)	0.5 S		24 S4	80 oct No sto.Fence E wire W Data unver
TERRE HAUTE Range (Hulman)(Ind)	248 (TH) (116.1)	69°, 5.8	BMRLZ-DTV	(4); 116.1
Tiffin (Ohio)	1.9 N;hwy E	750	26 S6	80 oct Poles E
TOLEDO Range (Ohio)	239 (TL) (116.1)	10°, 2.7	SBMRAZ-DTV	(3); 116.1
TOLEDO Tower (Ohio)	263		C	(4)
(P) [Toledo](Ohio)	8.2 SSE;RR W	623	42h L5 S6	80,91 oct.P-line SW,E
Treaty City (Greenv'l)	1.5 NNE	1060	20 S4	80 oct.P-line W.(Ohio)
Triangle (Wellsboro)	2 NNE;hwy S	800	23 S2	80 oct. (Ind) Hwy W
Tri-Co.(New Holland)	3 ESE;RR N	850	21 S1	80 oct (Ohio)
(P) Tri-State (Angola,Ind)	4.2 W;lk W	900	35 S4	80,91 oct P-line SE,S,SW
Urschell(Valparaiso)	1.7 NNE;hwy E	766	26 S4	80 oct P-line N (Ind)
Waco-Troy(Troy,Ohio)	1.8 SW;RR E	870	30 S6	80 oct No sto All appchs
Van Wert (Ohio)	1 WSW;hwy S	785	26 S6	80,91 oct Poles blkd N,S,NW,NE
Voss(Lewistown,Ohio)	5 WNW;hwy S		24 S2	80 oct.P-line S Data unv
Wakefield(Huntington)	4 N;hwy E	750	30 S4	80 oct.P-lines SE,SW (Ind)
Washington(Wash.C H.)	4.5 ENE;RR S	910	22 S3	80 oct.P-line S (Ohio)
West Side (Marion,Ind)	2.5 NW;hwy S	835	26 S6	80, 91 oct
Whittenberger(Wabash)	1.5 NNW	779	20 S2	80 oct. Hwy E. (Ind)
WRIGHT Tower (Ohio)	260 (126 1)		CA	3105,4495; 126.1
(A) Wright (Dayton, Ohio)	5 ENE;RR	830	72h L5	(A)

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-		OM-
					MMK		OMK
DAYTON	110.3	335	55°	IM-	MM- (0.66)	OM-	(4.4)
					MMK		OMK
INDIANAPOLIS(L6)	109.9	333.8	44°	IM-	MM- (0.89)	OM-	(4.3)
					MMK 201	OMK	219
PATTERSON (A)	108.7	333.8	210°	IM- (0.06)	MM- (1.12)	OM-	(4.5)
					MMK		OMK

NEW FACILITIES

Mishawaka(Ind)	2 SE	700	35 S4	80,91 oct.NNE/SSW
East Side(Elkhart,Ind)	2.5 E;RR N	750	28 S1	80 oct NNW/SSE blkd
Kentfield (Kentland,Ind)	2.4 SSE,RR W	720	22 S4	80 oct Poles N,NE,SW,W
Starke Co.(Knox,Ind)	0.9 S,hwy E	714	29 S6	80 oct P-lines SW,NW,NE,
Custer(Monroe,Ind)	2.5 WNW	612	40 L1 S2	80 oct Trees N,W,S SE.
Branch Co.(Coldwater,Mich)	2.7 WSW;RR S	990	31 S4	80oct Hl-lines sur fld;Data
Miller(Liberty Ctr,Ind)	1 NE	800	21 S4	80 oct Data unver. unver
Warsaw (Ind)	3 NNE		30 S1	80oct.Wires S,N,NE Data
Stewart(Danville,Ind)	1.5 E	750	25 S2	80oct.Wires N,S unver.
Skyway(Tolleston,Ind)	4.5 N Griffith	630	18 S1	80oct.Trees NE,wires SE,
Boswell (Ind)	1.3 ENE,hwy W	740	19 S1	80 oct.P-line SW,NW Data unv.
Fair Acres(Buck Crk,Ind)	0.3 ESE,RR N	595	24 S2	80oct.P-line NE,W,NW.
Elnora (Ind)	0.4 SE		18 S1	80oct.P-lines N,SE,NW.
Ada (Ohio)	1.5 NNW;hwy E	945	22 S4	80 oct Data unver.
Bluffton Fly Svc. (Ohio)	1.3 ESE;hwy N	845	20 S4	80 oct W blkd
Liniger(Preble,Ind)	0.8 ESE;hwy N	750	24 S3	80 oct P-line NE,SW,W
Hartford City (Ind)	1.5 W	910	18 S1	Wires N Data unver
Kellerman (N. Judson,Ind)	1.5 S;hwy E	650	17 S2	80 oct.Wires SE.
Snyder (Fostoria,Ohio,	1.5 ENE;RR S	762	26 S4	80,91 oct.W blkd.
Mentone (Ind.)	2 SW	800	22 S4	80 oct.P-line S,
Lincoln Fld. (Dora,Ind.)	3 SSW;hwy S	830	21 S1	80 oct.P-line E,
Short's (Archbold,Ohio)	1.2 WNW;RR SE	728	20 S2	80 oct,S blkd,
Bryan (Ohio)	2.5 N;RR SE	810	38 S1	80 oct,S,SW lmtd.P-line W.
Continental (Ohio)	2 S;RR NW	726	35 S1	80 oct,N,E,W blkd.
Jackson (Francesville, Ind.	4.8 WSW	675	19 S2	80 oct.
Haines (Three Rivers,	2.3 NE;riv SE	820	26 S2	80 oct.N,E,S blkd.(Mich)
Jonesville (Mich.)	2.5 WSW; lakes S	1070	3 S2	80 oct Trees SE,P-line NE
Sky Riders Inc (Pandora)	0.7 W;RR S	770	22 S2	80 oct.P-line SE,NW.(Ohio)
Montpelier (W Jefferson,	0.8 NW,RR N	800	24 S2	80 oct.P-line N,NE,W.(Ohio)
Navarre (Woodland Beach, Mich)	2 WSW;RR W	580	30 S6	80,91 oct.P-line NE,SE,S.


INDIANAPOLIS 51
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
CHICAGO 53
DETROIT 31
SOUTH BEND 215 116.1MC
SO. BEND VHF RANGE
CASS CO. MEM'L
HAINES
BRANCH CO
LEGG
TO SALINE
HILLSDALE
JONESVILLE
ADRIAN CITY
DUNDEE
FLAT ROCK
MONROE
NAVARRE
CUSTER
NATIONAL AVIA
TOLEDO 263 KC
TOLEDO 239 116.1MC
SANDUSKY
ANGOLA VHF RANGE
ARCHBOLD 371
ARCHBOLD INT
FRANKLIN
MICHIGAN CITY
BENTON HARBOR
NOTRE DAME
UNION
CADET
NILES
ST JOSEPH CO
BURR OAK
BATTLE CREEK
GRAND RAPIDS
McCOOL 359
GOSHEN 320 116.1MC
ELKHART
SPORTSMAN-EAST SIDE
MISHAWAKA
BENDIX 278 KC. 118.3 MC
TRI-STATE
MIDWAY
GOSHEN
GREEN 3
MONTPELIER
BRYAN
GRIESER
LANSING
GAMBLE
GARY
URSCHELL
McCOOL INT
LA PORTE
GORDON
MID-CITY
CHAIN-O-LAKES
TRIANGLE
NORTH LIBERTY
FOR DETAILS IN THIS AREA SEE CHART 43
PLYMOUTH
STARKE CO.
KELLERMAN
CULVER
SMITH
WARSAW
SPINX WAWASEE
KENDALLVILLE
AUBURN
STOMBAUGH
SHORT'S
TOLEDO VHF RANGE
BRYAN-DEFIANCE MEM'L
BRICKER
SLAGER
BOWLING GREEN
SNYDER
TIFFIN
PITTSBURGH
FORT WAYNE 251 116.1MC
SKINNER
BLUE 33
PAULDING
FINDLAY 209
CONTINENTAL
PUTNAM
SKY CIDERS
LOWELL
CHEEVER
CHICAGO
JOLIET
MEDARYVILLE
RENSSELAER
JACKSON
JASPER CO.
ROCHESTER
MENTONE
MANCHESTER
WAKEFIELD
HUNTINGTON
WHITTENBERGER
LINCOLN
PERU
NAS. BUNKER HILL
SHAFFER'S
MARKLE
MILLER
BLUFFTON
BAER 278 KC
MEYER'S
LINIGER
HI-WAY
VAN WERT
BLUFFTON FLY. SVC.
RED 17
CLEVELAND
CINCINNATI
LIMA
ADA
FINDLAY
COONS
KENTLAND AIR SVC.
MONTICELLO
LOGAN
LOGANSPORT
GALVESTON
CONVERSE
KOKOMO
WEST SIDE
BLUFFTON-WELLS CO.
PORT KONETA
CEDAR LAWN
MARION
KENTFIELD
BOSWELL
PURDUE UNIV
LAFAYETTE 227 116.1MC.
ARETZ
LAFAYETTE
HALSMER
STAIR
FAIR ACRES
RUZICKA
MARION
HARTFORD CITY
STEED
BRINGHAM
COLDWATER INT
LAKEVIEW
PORT CORE
VOSS
CLEVELAND 49
CORK
ATTICA
REIMER
LOCKWOOD
BLACK HAWK
ELWOOD
MUNCIE
COXEYS
TREATY CITY
LANSDOWNE
SIDNEY
PIQUA
DAYTON 278 KC. 118.9, 126.18 MC.
GRIMES
HIGHLAND
KINGMAN FLY SVC.
ADVANCE
GREENFIELD
PORT O' THE WOODS
INDIANAPOLIS 266 111.1, 116.1 MC.
FOR DETAILS IN THIS AREA SEE CHART 143
WACO-TROY
TROY
SPRINGFIELD
COLUMBUS 391
HILLIARD
CRABILL
VERONA
PATTERSON AAF 396 KC, 126.18, 137.88 MC.
MIDWAY
NEW WESTVILLE
DAHIO
RICHMOND COM.
EAST RICHMOND
METTEL
RICHMOND MUN
DAYTON 245 116.1MC.
WRIGHT AAF 260 KC. 126.1 MC
CLINTON CO. AAF 272 KC. 126.18 MC.
PATTERSON AAF 379 137.88 MC.
SO. DAYTON
FAIRFIELD
MIDDLETOWN
HIGHTMAN
WASHINGTON
TRI-COUNTY
CLINTON CO. AAF 201 KC
FOR VHF RANGE SEE CHART 144
TERRE HAUTE 248 116.1MC
PAUL S. COX
HULMAN
EFFINGHAM
INDIANAPOLIS 278 KC. 118.7, 126.18 MC.
GREENCASTLE 27
CLAYTON 11
MORGANTOWN 22
MIAMI UNIV.
CEDAR GROVE 33
NO. HAMILTON
HAMILTON
TO MT. HEALTHY
LOUISVILLE 83
CINCINNATI 85
LOUISVILLE 83
CINCINNATI 335
CINCINNATI 335
FOR V.H.F RANGES SEE CHARTS 144 TO 147
STATUTE MILES

CHICAGO

FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Alberton (Fremont,Ill)	3.8 SE,RR S	740	32 S6	73,80 oct,Smudge pots
Arets (Lafayette,Ind)	4 NE	500	35 S6	80 oct Data unver, emerg
Attica (Ind)	2.5 SSE;hwy W	647	26 S2	80 oct P-line W.
Bellevue (Iowa)	3 N,RR W	652	19 S1	80 oct.
BENDIX Tower (Ind) (Bendix)(South Bend, Ind)	278 (118.3)		C	(4), 118.3,122.5
	3.5 NW,hwy S	778	48h L3 S6	80-100 oct P-line E,S
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct Port rnwy lgts
BRADFORD H Fac (Ill)	382 (MQ)		MHT	(4)
Bradford Int 29,KC-CG (Ill)	4.5 NNE	795	26 L3 S1	80 oct P-line SW,NE
Chain Lakes (South Bend, Ind)	5.2 W;hwy N,S	765	22 S3	80 oct
Champaign (Ill)	2 NNW,hwy SW	753	28 S6	73,80 oct. W,NW,S blocked
CHANUTE Army Range (Rantoul) (Ill)	365 (DNU)	43°,3.3	SBMRAZ	(3), 126.18
CHANUTE Tower (Ill)	396(126.18)		CA	(3); 126.18
(A) Chanute AAF (Rantoul, Ill) (A)	1 SE,RR W	738	63h L5 S6	73,91,100oct.JP-1 Pole N
Chester (Degnotte Ind)	3 W		29 S1	80 oct. Data unver.
CHICAGO Range (Ill)	350(CG)(116.1)	152°, 2.2	SBRAZ-DTXV	(3), 116.1
CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC(ILS) (GCA)	(4) 126.18,118.7,118.1, 122.5
Chicago (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct FEE.
City (So.Haven,Mich)	4 S;RR W	640	35 S2	80 oct. Trees sur fld.
Clearview (Earlville)	3 E;hwy S		18 S1	80 oct Data unver (Ill)
Clinton Fly.Club(Ill)	4.8 NE	720	13	
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct No sto Port rnwy lgts SE,SW,NW.
Cooper (Tuscola,Ill)	1.6 SW,RR E	650	24 S6	73,80 oct,P-line N,NE,
Cork (Marshfield Ind)	2 NW	640	24 S2	80 oct P-line N
Cram (Davenport,Ia)	2.5 NW;RR SW	646	21 S6	80,91 oct
Crown Point (Ind)	2 N	650	27 S6	80 oct No sto Poles E.
Culver (Ind)	2 E,lake W	815	26	NE
Danville (Ill)	2.4 SSW;hwy W	640	33 S6	80,91 oct N blkd P-line N,NE Hedge SW
Decatur (Ill)	4 NW	678	29 S6	80,91 oct P-line S,SW, W, NW
(P) Decatur Park (Ill)	4 E,RR,hwy S	679	53h L5 S6	80,91 oct No flood lgts
Dixon (Ill)	1.9 ESE,RR S	786	30 L1 S6	80 91 oct Appchs blkd except E, NW
Fitzgerald (Mendota)	1.5 NW,lake E	800	22 S6	80 oct. Trees E (Ill)
Galesburg (Ill)	1.7 NW,hwy E	788	27h L3 S6	80 oct Fld lgts prior req E blkd
Gamble (Hobart,Ind)	1.8 NNW;hwy S	650	25 S6	80,91 oct P-line E,NE
Gary (Ind)	6 S,hwy W	610	23 S6	80,91 oct P-line E,SE, S, W, SW
GLENVIEW Navy Range (Ill)	269 (NBU)	140°, 3.0	BMLZ-DT	(3), 140 58,142 74
GLENVIEW Nas Tower (Ill)	236 (142 74, 140.58)		CN	(3); 140.58, 3117 5 on req.
(N) Glenview NAS (Ill)(N)	1.6 NW,RR W, E	654	63h L3 S6	91,100 oct No sto.
Gordon (New Carlisle)	2.8 ESE,RR N	730	13 S1	Fuel avail Poles E (Ind)
Haismer (Lafayette,Ind)	3 ESE,RR S	595	40 L S6	80,91 oct Port lgts on
Hamilton (Polo, Ill)	2.3 NE	795	25 S3	80 oct P-line N E blocked req
HARVEY Range (Rubinkam)(Ill)	385 (GH)	90°, 2.2	MLWZ	
Highland (Perrysville)	2.8 WNW	585	23 S2	Ltd 73 oct (Ind)
Hi-Way (Flatt, Ill)	1 NE	630	25 S4	Data unver
(P) Hulman (Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80 91 oct No sto Fld lgts prior req
Illini (Urbana, Ill)	2 NNE;hwy E	740	26 S6	80 oct Flares on req E,SE blkd Trees E,SE, NE
INDIANAPOLIS Tower (Ind)	278 (126.18 118.7,		AC (ILS)	(4), 122.5,126.18 118.7 (Exper GCA)
(P) Indianapolis (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct Exper lgtg
Interstate (De Kalb,Ill)	1.8 E,RR W	900	34h	CLOSED.
Jasper Co.(Rensselaer, Ind)	1.5 WNW hwy S	676	32 L3 S4	80 oct.
JOLIET Range (Int.)(Ill)	257(JO)(116.1)	126°, 3.7	SBRAZ-DTV	(4),116.1,122.1
Joliet, 22, LS-CG (Ill)	5 W,riv W	580	30h L4 S4	80,91 oct Flood lgts prior req after 2400.
Kankakee (Ill)	3.2 WSW	625	26 S4	73,80 oct Use strips only Ditch N.
Kentland (Goodland, Ind)	hwy E 4 WNW	650	25 S4	80 oct,P-line NE.
Kingman Fly Svc (Ind)	0.5 E,hwy N	710	26 S4	80 oct No sto Data unver
Kishwaukee (Sycamore Ill)	2.5 SW riv N, S, E	830	20 S6	80 oct P-lines N, NW
LAFAYETTE Range (Purdue Univ) (Ind)	227 (LF), (116.1,	50°, 2.4	BMLZ-DTV	(4); 116.1
La Porte (Ind)	2.5 SSW;RR W	801	29 L3 S6	80 oct S&SW blkd
Lockwood (Frankfort Ind)	2.5 S;RR W	873	20 S6	80 oct E,SE blkd
Logan (Logansport,Ind)	7 S	594	15 S1	80 oct P-line S.
Logansport (Ind)	3.5 SW,hwy E	620	25 L S4	80 oct No sto Appchs blocked, except SW Port lgts prior req.
McCOOL H Fac.(Int)(Ind)	359 (ML)		MHW	Oper cont
McCool Int 3,CG-LG	2 SW,hwy S	654	24 L3	(Ind) P-line W.
Machesney 7,CG Twin Cities (Rockford,Ill)	6 NNE riv NW	732	29 L3 S6	80,91 oct E blkd P-lines SE,S
Macomb (Ill)	2.4 E,hwy E	695	23 S6	73,80 oct N NE blkd P-line E,SE
Matanzas (Havana,Ill)	4 S,riv W	480	24 S5	80 oct Data unver
Medaryville (Ind)	1.1 NW	645	24 S1	80 oct Data unver.
Medbery (Armington)	1 NE	650	26	Data unver (Ill)
Michigan City (Ind)	4 E,RR N	650	23 S3	80,91 oct P-line S,W
Midway (Goshen,Ind)	5 NW		36	Data unver.
MOLINE Range (Ill)	224(MO) (116.1)	142° 12.0	SBRAZ-DTV	(4), 116.1,122.1(ILS)
MOLINE ARPT Range (Ill)	278	86° 2.3	ML	3105 (on req)
(P) Moline (Ill)	4 S,hwy E,N	590	40h L6 S6	73 80,91 oct Poles NW
Monticello (Chalmers Ind)	3 ENE RR W	650	19 S2	80 oct Hwy W.
Morton (Ill)	3 W,hwy N	792	24 S2	80 oct P-line N,W.
Mt Hawley (Peoria,Ill)	6.4 N,RR SW	700	28 S6	80,91 oct P-lines SE S.
Ockley (Ind)	1 W			ABANDONED SW
Ottawa (Ill)	Adj NW		22 S2	80,91 oct Data unver
Paul S Cox (Terre Haute, Ind)	3.2 S,hwy W	485	27 S4	80,91 oct P-line NE SW.
Pecatonica (Ill)	1 N,hwy E	750	24 S6	73 oct P-line E.
Pekin (Ill)	4 S;bet RRs	505	29 S6	80 oct P-line W,N,E
PEORIA Range (Ill)	356 (PI)	178° 2.2	SBMRAZ-DT	(4)
(P) Peoria (Ill)	4.8 WSW rd E.	659	44h L5 S6	80,91 oct Fld lgts on req
Phil-Larry (Roanoke, Ill)	See Fash under "New Facilities"			- name changed.
(P) Plymouth (Ind)	1.5 NW,RR E	898	32 S4	80,91 oct,Poles W,E.
Port O'the Woods (Annapolis,Ind.)	2.2 NNW	560	33 S4	80 oct,Trees E,NE,WS
Powell Brothers (Sheldon, Ill)	2.2 S;hwy NE			ABANDONED
Princeton (Ill)	3 N,creek N		18 S2	80 oct. Data unver.
Reimer (Lafayette Ind)	2 S		25 S2	80 oct. Data unver.
Rensselaer (Ind)	10 NE		18	Data unver
ROCKFORD Range (Machesney)(Ill)	338 (RD) (116.1)	45°, 1.7	SBRAZ-DTV	(4), 116.1
Rubinkam (Harvey,Ill)	2.5 SW,hwy N	615	47 L1 S5	73,80,91 oct Use W
Russell's (Hoopeston, Ill)	6.5 WNW; RR S		13	PRIVATE Data [part unver.
St. David (Ill)	1.5 SW,RR N			ABANDONED.
Sandwich (Ill)	1 W;RR N		18 S4	80 oct Data unver.
SOUTH BEND Range (Bendix)(Ind)	215 (SN) (116.1)	75°, 3.3	SBMRAZ-DTV	(3), 116.1
SPRINGFIELD Range (Ill)	239 (ZD)	113°, 2.3	SBMRAZ-DT	(4)
Springfield (Ill,	3.5 SW; bet RRs	606	31 S6	80,91 oct Use strips
Stair (Mulberry, Ind)	0.3 NE;hwy S	650	16 S4	80 oct No sto P-line S Data unver
Starke Co.(Knox,Ind)	1.7 S		26 S3	80 oct P-lines sur fld No sto
Sterling (Ill)	1.4 NW, hwy E	645	26 S6	80,91 oct P-line SE
Stockton (Ill)	2.3 SSE	940	18 S1	80 oct Data unver
Streator Air Svc (Ill)	2 ENE,hwy S	650	26 S4	80 oct P-line E
Triangle (Dwyer,Ind)	1.5 NE;RR E	630	33 S4	80,91 oct P-line S,SE Bldg W
Triangle Air Service (Wellsboro, Ind)	2 NNE hwy S	800	23 S2	80 oct.
Twin Cities-Ross (Benton Harbor,Mich)	1.5 NNE, RR S	649	38h S6	80 oct. Poles E.
(P) University of Illinois (Champaign, Ill)	5.5 SSW RR E	752	53h S6	80,91 oct Flares on req.
Urschell (Valparaiso Ind)	1.7 NNE; hwy E	766	26 S2	80 oct P-line N
Van Orin Int 34 OH-CG (Ill)	1 ENE;RR S	828	33 L3	Poles W
Vermillion (Danville Ill)	4 E;RR N, SW	650	21 S4	80 oct 30' poles S
Vogel (La Salle, Ill)	6.5 NNW, RR E	664	26 S2	80,90 oct Soft when wet Poles N, W.

INSTRUMENT LANDING SYSTEMS (Localizer Glide Path in mcs Compass Locator in kcs)

LOCATION	LCLZR.	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CHICAGO	109.9	333.8	132°	MM - •—•—• (0.79)	OM - ——(5.8)
				MMK 201 •—•—•	OMK 219 •—•—•
MOLINE	110.3	335	131°	MM - •—•—• (0.71)	OM - ——(4.4)
				MMK	OMK
				MM -	OM -
				MMK	OMK
				MM	OM -
				MMK	OMK

NEW FACILITIES

Milford (Ill)	0.5 N, RR E	670	29 S5	80,91 oct Tank ESE.
Kentfield (Kentland,Ind)	2.4 SSE,RR W	720	22 S4	80 oct Poles N,NE,SW,W
Starke Co (Knox,Ind.)	0.9 S;hwy E	714	29 S6	80 oct P-lines NE,SE,SW,NW
Mid-City(Mich.City,Ind)	3 S	650	26 S4	80 oct Wires N,S Data unver
Stewart Fld (Danville,Ind)	1.5 E	750	25 S1	80 oct Wires N,S Data unver
Elnora (Ind.)	.25 SE		18 S1	80 oct P-lines N Data unver
Boswell (Ind.)	1.3 ENE,hwy W	740	19 S1	80 oct,P-line SW,W,NW.
Fair Acres(Buck Creek,Ind)	0.3 ESE,RR N	595	24 S2	80 oct P-line NE,SE,NW.
Skyway(Tolleston,Ind.)	4.5 N	630	18 S1	80 oct Trees NE Wires SE,NW
Kellerman Fld(N.Judson,Ind)	1.5 S,hwy E	650	17 S1	80 oct Wires SE Trees N
Sharon(Treemont, Ill)	1 SE,RR,hwy N	631	21 S6	80 oct P-line NE
Lincoln Fly Svc (Ill)	1.8 W,hwy N,E	591	20 S6	80 oct P-line N
Jackson (Francesville,Ind.)	4.8 WSW	675	19 S2	80 oct.
Sycamore (Ill.)	1.4 ESE,riv W	800	25 S6	80 oct,Poles N,SE,NW
Midway (Horace,Ill)	1 E,hwy E	650	26 S6	80 oct,P-line N,E.
Galveston (Ind)	3.2 WNW	795	37	
Fash (Roanoke,Ill)	4 W	747	26 S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

CHICAGO 53

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NOT COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

CHART 27

ROCKFORD 338 116.1 MC.

MOLINE 224 116.1 MC.

MOLINE 278 KC. On request

BRADFORD 382 On request

PEORIA 356

SPRINGFIELD 239

NAS GLENVIEW 269

CHICAGO VHF RANGE

CHICAGO 350 116.1 MC.

CHICAGO 278 KC. 118.1, 118.7, 126.18 MC.

HARVEY (W) 385

JOLIET 257 116.1 MC.

SOUTH BEND 215 116.1 MC.

SO. BEND VHF RANGE

BENDIX 278 KC. 118.3 MC.

McCOOL (W) 359

GOSHEN 320

CHANUTE AAF 365

CHANUTE AAF 396 KC. 126.18 MC.

LAFAYETTE 227 116.1 MC.

INDIANAPOLIS 278 KC. 118.7, 126.18 MC.

FOR DETAILS IN THIS AREA SEE CHART 55

FOR DETAILS IN THIS AREA SEE CHART 59

FOR DETAILS IN THIS AREA SEE CHART 143

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION 5° E TO 1° E

ST LOUIS 57 | LOUISVILLE 83

FOR V.H.F. RANGES SEE CHARTS 144 TO 147

STATUTE MILES

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Allman (Lenexa, Kans)	2.5 NNW;hwy N	1030	22 S1	80 oct. Hedge E.
Ashburn (Chicago, Ill)	12 SW;hwy W	620	16 S4	80 oct. Unsafe after rain
Ashland Ave. (Chicago Hts)	1.5 NW;hwy S	675	29 S6	80,91 oct. Obsts sur fld.
(P) Aurora Airways (Ill)	3 NNW	701	30 S4	80 oct. Twr NE;poles E,W
Cedar Lake Fly. Svc (Cook [Ind])	0.5 E;hwy W	751	28 S4	80,91 oct. P-line NE,SE,SW.
CHICAGO Range (Ill)	350(CG)(116.1)	152°,2.2	SBRAZ-DTXV	(3); 116.1
→ CHICAGO Tower (Ill)	278 (126.18, 118.7,118.1)		AC (ILS) (GCA)	(4); 126.18,118.7,118.1, 122.5
(NG) [Chicago] (Ill)	9 SW of Loop	618	65h L6 S6	80,91,100 oct. FEE.
Chicago-Elmhurst (Elmhurst, Ill)	2.5 N;hwy SW	707	27 S6	80,91 oct. Poles S,E.
Chicago-Hammond (Lansing, Ill)	1.5 S;RR N	660	37 L3 S6	73,80,91 oct. Obsts sur fld.
(A) Chicago-Orchard (Ill)	16 NW;RR W	657	58h L6 S6	2nd ech maint. 100 oct. JP-1.
CHICAGO-ORCHARD Tower (Chicago, Ill)	396 (126.18)		C	(4); 126 18 Army
Conard (Ottawa, Kans)	3.8 NNE	946	24 S6	80 oct. P-line N; hedge S
Elgin (Ill)	2.2 N;hwy W	770	24h S1	80,91 oct. [Hwy 1.5 W
FAIRFAX Tower (Kans)	278(126.18,118.9)		AC	(4);126.18,122.5,118.9
(A) Fairfax (Kans.City,Kans)	3 NE;RR E	746	65h L5 S4	81,100 oct. (A)
Fisher's (Edwardsv'l,Kans)	1 ESE;RR N	770	26 S6	80,91 oct. P-line N.
Gardner (Kans)	1.4 WSW	1070	39	
Gault (Wellsville, Kans)	0.8 ESE;RR N	1020	20	Trees E.
GLENVIEW Navy Range (Ill)	269 (NBU)	140°,3.0	BMLZ-DT	(3); 140.58, 142.74
GLENVIEW NAS Tower (Glenview, Ill)	236 (142.74, 140.58)		CN	(3); 140.58; 3117.5 on req.
(N) Glenview NAS (Ill) (N)	1.6 NW;RR W	654	63h L3 S6	91,100 oct. No sto. RR E
Grayslake (Ill)	1.1 ENE;rd W	791	26	Trees W,S,E
Hall's (Olathe, Kans)	2.6 SSE;RR W	1000	16 S2	73 oct. Cat'l on fld. P-
Harlem (Oaklawn, Ill)	2.2 WNW;hwy W	619	26 S6	80 oct. P-line E, line N
HARVEY, Range (Rubinkam)	385 (GH)	90°,2.2	MLWZ	(Ill)
Harrisonville (Mo)	2.1 W;RR N,S	910	18 S1	73 oct. Use strips only.
Hawk's (Atchison, Kans)	1.3 WNW	1000	15 S2	80 oct. Poles N,SE.
Heart of America (Kans. City, Kans)	4 E;RR E	759	23 S6	80 oct. Poles, trees S. Use strips only.
Hinsdale (Ill)	3 S;hwy SE	710	26 S6	73,80 oct. Rolling grnd
Howell (Blue Island, Ill)	3 W;hwy E	600	26 S6	80, 91 oct [strips only.
Independence (Mo)	5.8 ESE;RR S	825	24 S6	80,91 oct. Poles S. Use
JOLIET Range (Ill)	257(JO)(116.1)	126°,3.7	SBRAZ-DTV	(4);116.1,122.1
Joliet,22,LS-CG (Ill)	5 W;riv W	580	30h L4 S4	80,91 oct. Flood lgts prior req. after 2400
Kane Co. (Elgin, Ill)	7 WNW;hwy E	910	21 S4	80 oct. Trees E,SE,NW
KANSAS CITY Range (Mo)	359(KC)(vhf)	148°,2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118.3,122.5
[Kansas City] (Mo)	2.5 NW;riv W, S	744	52h L6 S6	80,91,100 oct. Poles E Dike W. No flood lgts.
(P) Kansas City-Grandview (Kansas City, Mo)	16.4 S;RR E	1072	55h L5 S6	80,91 oct. No flood lgts. P-line NE,SW.
Lawrence (Kans)	2.5 NNE;hwy S	832	32 L3 S6	80,91 oct. No bcn lgts prior req. P-lines W,E,SE,NE.
Leavenworth Lecompton	3.6 WSW	1125	26 S1	80 oct. Trees N. P-line NE,
Lewis-Lockport (Lockport, Ill)	2.2 WNW; hwy E	664	26 S6	80,91 oct. [(Kans) SW. Twr SE Obsts sur fld
Mitchell (Lombard,Ill)	2.8 NNW	710	24	Data unver
Momence (Ill)	3.5 SW;riv N	645	23 S2	80 oct. Trees NW,N,NE
Morris (Ill)	4.5 N;hwy W	590	21 S2	73 oct. Poles N,NNE.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
OLATHE Navy Range (Kans)	233 (NUU)	352°,2.9	BMRLZ	
OLATHE NAS Tower (Kans)	201 (142.74)		CN (GCA)	(3); 142.74 (8-18)
(N) Olathe NAS (Kans) (N)	5.2 SW;RR W	1085	53h L5 S6	100 oct.
(N) Olathe OLF #2 (Kans)(N)	5 SE	1090	16h	INACT 4 W of Stanley.
(N) Olathe OLF #4 (Kans)(N)	10 S	1090	22h	INACT 1 3SE Spring-
(N) Olathe OLF #7 (Kans)(N)	16 SSW	940	23h	INACT 4 3W [hill. of Hillsdale.
(N) Olathe OLF #9 (Kans)(N)	11 SE	1070	23h	INACT 1 N of Stillwell
Ong (Kansas City, Mo)	9 SE;hwy NE	1050	31 S6	80,91 oct. Pwr line SW.
Osawatomie-Paola Mun. (Owawatomie, Kans)	3.8 N;pond S	960	25 S1	80 oct. P-line S. Hedge SW, N
★ Osborn Int,4,KC-MP (Mo)	1.5 NW;hwy S	1046	32 L3	
Ottawa (Kans)	5.3 S;hwy N	975	29 L S6	80 oct. Port rnwy lgts. P-line NNE.
Pal-Waukee (Glenview, Ill)	5.5 WNW;RR S	642	30 L S6	80,91 oct. P-line N. Bcn flare pots, rdo rprs. Rnwy data unver
Prosperi (Tinley Park, Ill)	1.7 SSW;hwy W	695	28 S6	80 oct.
Ravenswood (Des Plaines)	2.5 SW;RR N	650	18 S6	80 oct. Trees S. (Ill)
(NG) [Rosecrans] (St. Joseph, Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct, 2-ech maint. NG. Fld lgts prior req.
ROSECRANS Tower (St. Joseph, Mo.)	278 (126.18, 118.7)		C	(4); 126.18,118.7, 122.5
(P) Rubinkam (Harvey, Ill)	2.5 SW;hwy N	615	47 L1 S5	73,80,91 oct. Use W part
St. Charles (Ill)	3.5 E;RR E,S	760	18h	P-line N [only
ST. JOSEPH Range (Rosecrans)	341(ZJ)(vhf)	359°,3.7	SBMRLZ-DTV	(3);116.1,122.1
SHERMAN Tower (Kans)	396 (126.18)+		CA	(3);126.18. [Closed 2000-0800
(A) Sherman (Ft. Leavenworth)	1 NNE;RR W	771	60 L5 S4	73,91,100 oct (Kans)(A)
Sky Harbor (Northbrook, Ill)	1.6 NW;RR E	680	26 L S6	80,91 oct. Flare pots P-line S
Sky Haven (Bensenville, Ill)	1.5 SE;RR W,N	650	23 S4	80,91 oct. Use strips
State Line Arpk (Stanley)	3.8 NE;hwy E	990	22 S1	80 oct. Obst sur fld. (Kans
Stinson (La Grange, Ill)	2 SE;hwy SE	644	25 S6	80,91 oct. P-line S,W
Washington Park (Homewood, Ill)	1.5 SE;hwy E	625	30 S6	80,91 oct. Allway area
→ Will Co. (Steger, Ill)	0.5 S;RR W	740	15 S6	P-line S. No sto. or fuel
Wooddale (Ill)	1.5 N	711	30 S5	80 oct. Woods SSW; p-
York Township (Lombard, Ill)	2 SSW;hwy N	726	20 S6	80 oct. Use [line W strips P-line N,E

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

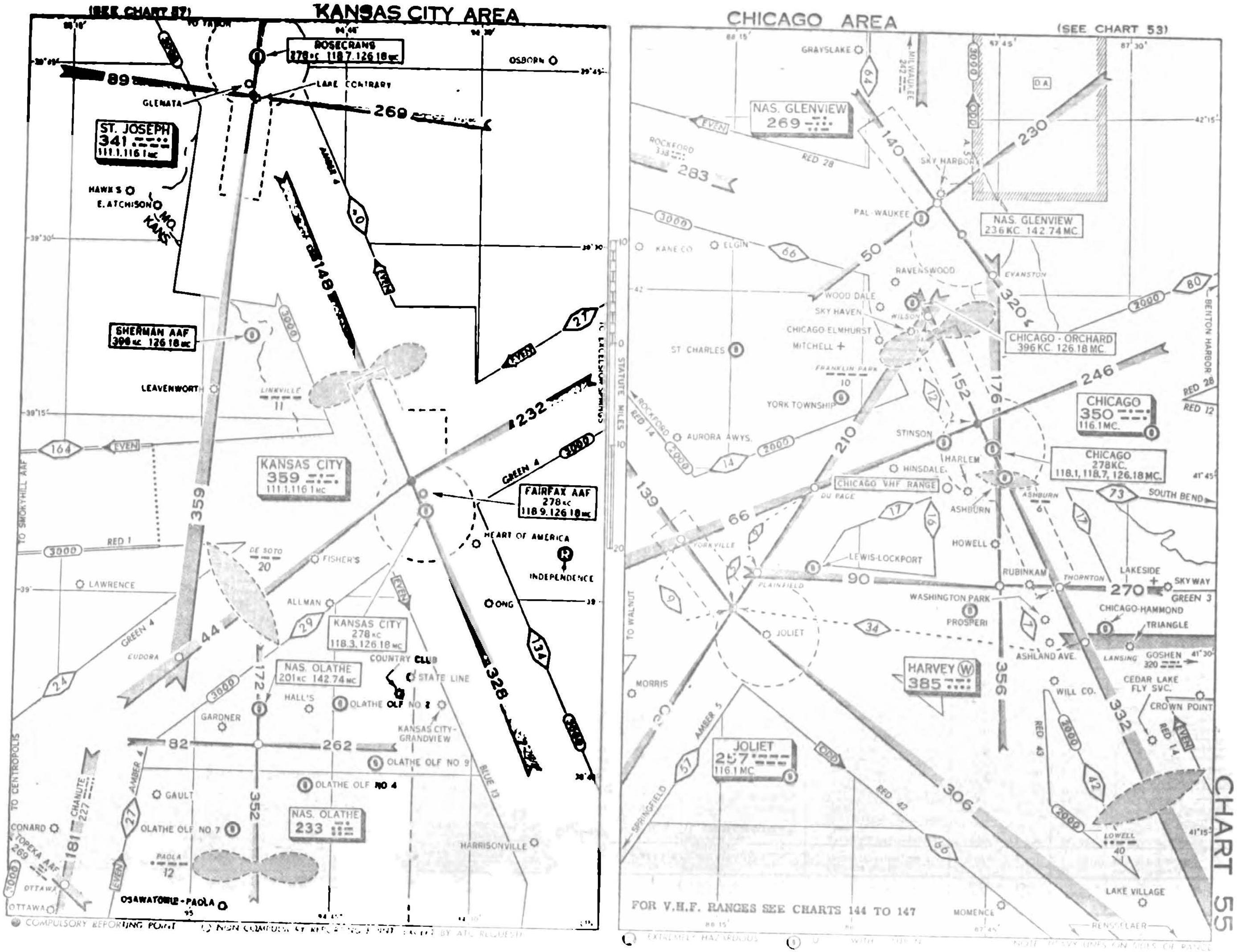
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHICAGO	109.9	333.8	132°	IM-	MM- ·−·−(0.79)	OM- −− (5.8)
					MMK 201 ···	OMK-219 ·−··
→ KANSAS CITY	109.9	333.8	173°	IM- ·····(0.01)	MM- ·−·− (2.6)	OM- −− (4.65)
					MMK-221 ·−··	OMK-248 −·− (11.0

NEW FACILITIES

Triangle (Dyer, Ind.)	1.5 NE;RR E	630	33 S4	80,91 oct.
East Atchison (Rushville)	4.5 SW;riv W	790	24 S2	80 oct N,NNW blkd Use strips only (Mo)
Glenota (St. Joseph, Mo)	6 WSW;riv N	800	26 S2	80 oct N,E,W blkd Use strips only.
Lake Contrary (St. Joseph)	6 SW;riv 2 N	800	21 S6	80 oct Use strips only
Lake Village (Ind.)	1 NW;hwy S	650	22 S4	80 oct.
Crown Point (Ind.)	2 N	650	27 S6	80 oct. Poles E,NE.
Stanley Co. Club (Kans)	2.5 NE;RR SE	975	28 S1	80 oct. Poles SE,SW.
Skyway (Gary, Ind.)	4 WSW;RR W	630	19 S2	80 oct. Wires SE,SW,NW
Lakeside (Gary, Ind)	7.5 W		35 S4	73,80 oct. Data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 2965, 4495, 6250 kcs. (4) - 2965, 4495, 6250, 9117.5 kcs. Parenthesized Numbers in Frequency Columns Indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4725 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are industrial and non-capitalized.


KANSAS CITY AREA
(SEE CHART 57)
ROSECRANS
278 KC 118.7 126.18 MC
OSBORN
LAKE CONTRARY
GLENAIR
89
269
ST. JOSEPH
341
111.1 116.1 MC
HAWKS
E. ATCHISON
MO.
KANS.
AMBER 4
148
SHERMAN AAF
396 KC 126.18 MC
LEAVENWORTH
LINKVILLE
11
164
EVEN
3000
RED 1
KANSAS CITY
359
111.1 116.1 MC
359
DE SOTO
20
FISHER'S
FAIRFAX AAF
278 KC
118.9 126.18 MC
HEART OF AMERICA
INDEPENDENCE
ONG
GREEN 4
1232
LAWRENCE
EUDORA
ALLMAN
29
KANSAS CITY
278 KC
118.3 126.18 MC
COUNTRY CLUB
STATE LINE
NAS. OLATHE
201 KC 142.74 MC
HALL'S
OLATHE OLF NO 8
GARDNER
KANSAS CITY-GRANDVIEW
82
262
OLATHE OLF NO 9
OLATHE OLF NO 4
BLUE 13
GAULT
NAS. OLATHE
233
OLATHE OLF NO 7
CONARD
CHANUTE
227
181
TOPEKA AFB
269
OTTAWA
OSAWATOMIE - PAOLA
PAOLA
12
HARRISONVILLE
TO CENTROPOLIS
TO SMOKYHILL ARF
STATUTE MILES
COMPULSORY REPORTING POINT
NON-COMMON CARRIER FREQUENCY USED BY ATC REQUEST

CHICAGO AREA
(SEE CHART 53)
GRAYSLAKE
MILWAUKEE
NAS. GLENVIEW
269
EVEN
RED 28
ROCKFORD
338
283
140
230
SKY HARBOR
PAL WAUKEE
NAS. GLENVIEW
236 KC 142.74 MC
KANE CO
ELGIN
66
50
RAVENSWOOD
EVANSTON
WOOD DALE
SKY HAVEN
WILSON
CHICAGO ELMHURST
MITCHELL
ST CHARLES
FRANKLIN PARK
10
CHICAGO - ORCHARD
396 KC 126.18 MC
320
80
BENTON HARBOR
RED 28
RED 12
246
152
176
YORK TOWNSHIP
ROCKFORD
RED 14
AURORA AWYS.
2000
14
210
STINSON
CHICAGO
350
116.1 MC.
HARLEM
HINSDALE
CHICAGO VHF RANGE
DU PAGE
CHICAGO
278 KC.
118.1, 118.7, 126.18 MC.
139
66
ASHBURN
73
SOUTH BEND
YORKVILLE
LEWIS-LOCKPORT
HOWELL
RUBINKAM
THORNTON
LAKESIDE
270
SKYWAY
GREEN 3
90
PLAINFIELD
WASHINGTON PARK
CHICAGO-HAMMOND
TRIANGLE
PROSPERI
JOLIET
34
ASHLAND AVE.
LANSING
GOSHEN
320
TO WALNUT
MORRIS
HARVEY (W)
385
356
WILL CO.
CEDAR LAKE
FLY SVC.
CROWN POINT
RED 14
EVEN
332
AMBER 5
JOLIET
257
116.1 MC
ORD
RED 42
306
SPRINGFIELD
57
42
RED 43
LOWELL
40
LAKE VILLAGE
MOMENCE
RENSSELAER
FOR V.H.F. RANGES SEE CHARTS 144 TO 147
EXTREMELY HAZARDOUS
NOTE: HEAVY LINES ON SIDES OF RANGE

CHART 55

FACILITY	FREQ., IDENT., ARPT LOCATION	BEAR & DIST., ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
Ace High (Galt, Mo)	3 SW;hwy N	937	29 S6	80 oct. Poles SW,N.
Adair (Iowa)	1.5 SSE;RR NW	1350	18 S1	Ltd 73 oct. Trees S.
Adamson Arwys (Perry,Ia)	4.8 WSW;RR N	1000	17 S6	80 oct. P-line N
ATLANTIC H Fac.(Iowa)	257(IZ)(116.1)		MHTV	(4); 116.1, 122.1
Atlantic,4B,CG-OH (Iowa)	1.9 W;RR E	1153	33 L3	Bcn 1/4 mi W.
Atlantic (Iowa)	4.6 NW;RR S	1353	21 S6	80,91 oct.
Audubon Arwys (Iowa)	1 SSE;RR W	1300	15 S1	80 oct.
Bailey's(Brookfield,Mo)	2 WSW;hwy N	800	26 S1	80 oct. Pwrline SE. Poles E, SE, NW blkd
Bailey's Arpk(Chillicothe)	2 SSE;RR W	875	32 S6	80 oct. S,SW blkd. (Mo)
Beaver (Des Moines,Iowa)	3.4 NW	900	25 S6	80 oct.
Boonville (Mo)	1.5 NNW;riv S	602	26 S2	80 oct. P-lines NE,E,SW,W
Bowling Green (Mo)	1.6 NW;RR E	882	25 S2	80 oct. Poles S;pwrline SE
BRADFORD H Fac.(Int)(Ill)	382 (MQ)		MHT	(4)
• Bradford Int,29,KC-CG(Ill)	4.5 NNE	795	26 L3 S1	80 oct. P-line SW,NE.
(P) Bradley (Moberly, Mo)	3 NNE;hwy W	885	37h S6	80,91 oct. Obsts.
Bradshaw (Nebr)	1.3 NNE	1700	26 S6	80 oct. P-line N,S,NW Use strips.
Briggs (Fiscus, Iowa)	4.2 NE;RR E	1370	21 S2	80 oct. Trees N.
BURLINGTON Range(Iowa)	326(BN)(vhf)	357°,1.9	SBRAZ-DTV	(4); 116.1,122.1
(P) [Burlington] (Iowa)	1.7 SSW	698	54h L5 S6	80,91,100 oct. Hwy E.
Butler (Mo)	2 N;RR,hwy W	870	21 S2	80 oct. Hedge NNE.
Cameron (Mo)	2 E;RR NW	1050	21 S4	80 oct. Poles N,W,NNW
Carrollton (Mo)	4 W;hwy W	700	20 S2	80 oct. P-lines NNE;trees
Carthage (Ill)	1.5 SSW;RR E	665	24 S6	80 oct. P-line E [SSW.
CEDAR RAPIDS H Fac.(Iowa)	344 (CID)		MHW	(Oper by city)
(P) Cedar Rapids (Iowa)	6.7 SSW	864	55h L5 S1	80,91 oct. RR E.
Centerville (Iowa)	3.5 SSW;RR N	1017	25 S2	80 oct. Use strips only.
Chariton C.A.P. (Iowa)	2.3 NNE;RR SE	1050	16 S1	80 oct.
CHILLICOTHE H Fac.(Mo)	242(CK)(116.1)		MHTV	(4); 116.1, 122.1
Chillicothe,7,KC-CG (Mo)	3 ESE;RR N,SW	780	25h L3	P-line S;trees SW 4000' strip avail
Clarinda (Iowa)	0.8 SE;RR W	1060	26 S4	80 oct.
Clinton (Iowa)	6.2 WSW;RR S	700	27 L S6	80 oct. Port rnwy lgts
(P) Clinton (Mo)	2 NE;RR SE	800	36 S6	80,91 oct. P-line N,S,SW
COLUMBIA Range (Mo)	379(CA)(vhf)	89°,3.9	SBRAZ-DTV	(4); 116.1,122.1
Columbia (Mo)	2.4 NW;hwy S	777	33h L3 S6	80,91 oct. No flood lgts
Columbus Junction (Iowa)	3 N;RR E	580	28 S2	80 oct. P-line N, E
Cram (Davenport, Iowa)	2.5 NW;RR SW	646	21 S6	80,91,100 oct.
Daviess Co. (Mo)	1.1 W;RR N	930	19 S2	80 oct. Pole N.
Decatur (Ill)	4 NW	678	29 S6	80,91 oct. P-line S,SW,W,NW
Depperman(Owensville,Mo)	0.7 NNW	900	28 S2	80 oct. Trees W,NW.
DES MOINES Range (Iowa)	212(DM)(vhf)	344°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
DES MOINES Tower (Iowa)	278 (126.18, 118.3)		C	(4); 126.18,122.5,118.3
(NG)[Des Moines] (Iowa)	4.5 SSW;RR W	957	57h L5 S6	80,91 oct.
Dewitt (Iowa)	1.5 ESE;RR S	710	23 S2	80 oct. S blkd.
Dixon (Ill)	1.9 ESE;RR S	786	30 L1 S6	80,91 oct. Appchs blkd except E & N half W bndry.
Dodge (Iowa)	3.5 E;RR E	835	27 S6	80 oct. Hwy E.
Dressler (Anita, Iowa)	7 SSE;rd W	1250	17 S2	80 oct. Trees S.
Eads (Iberia, Mo)	1.1 W;hwy NE	960	32 S2	80,91 oct.
Edwards (Grant City,Mo)	1.2 ENE;hwy S	920	23 S2	80 oct. P-lines S
Eldon Model Arpk(Eldon,Mo)	0.9 NE;RR SE	910	23 S2	80,91 oct.
Embry (Trenton, Mo)	5 SSE;hwy E	800	26 S2	80 oct. P-lines E;trees W
Excelsior Springs (Mo)	1.6 W;hwy S	900	10 S2	80 oct. Bldg SSW
Fash (Roanoke, Ill)	4 W	747	26 S6	80 oct.
Fayette Flying Fld.(Mo)	1.8 S;RR W	730	29 S2	80 oct. Trees W,S.
Fitzgerald (Mendota,Ill)	1.5 NW;lk E	800	22 S6	80 oct. Trees E.
Fordyce (Bethany, Mo)	4.8 ESE,rd W	1050	22 S2	80 oct.
Fort Madison (Iowa)	1.5 N;RR W		27 S4	80 oct. Ltd sto. Data unver
Fulton (Mo)	3 WSW;hwy SE	875	15h S6	80 oct. P-line N,NE,S
Galesburg (Ill)	1.7 NW;hwy E	788	27h L3 S6	80 oct. Fld lgts prior req. E
Grand (Grand Mound,Iowa)	1.2 SW;RR N	770	20 S2	80 oct. [blkd.
Green (Mexico, Mo)	4.3 ESE;RR S	815	34 L S6	80,91 oct. Port rnwy lgts P-line NW.
Guthrie Center (Iowa)	0.5 NW;riv E	1074	21 S1	80 oct.
Hall (Stratton, Nebr)	1 SE;RR,riv N	2850	27	Poles W, NW.
Hannibal (Mo)	4.3 WNW;hwy N	735	26 L S6	80 oct. P-line W,SW. Port rnwy lgts. Rough.
Hillsboro (Ill)	1 NE;lk 0.5 E	625	27 S6	80 oct. P-line SE,SW,NW
Hi Way (Piatt, Ill)	1.3 WNW;hwy S	665	20 S4	80 oct. P-line S,E.
Holdrege Mun.(new)(Nebr)	2 ENE;RR,hwy S	2310	36 L1	Facs not installed but usable
(P) Hunter (Cedar Rapids,Iowa)	3 S;hwy E	732	27 L3 S6	80,91 oct. Fld lgts on req. Poles S,E.
Huston (Windsor, Mo)	4.3 E;hwy N	932	27 S2	80 oct. S blkd.
IOWA CITY H Fac. (Iowa)	248(IX)(116.1)		BHTV	(4); 116.1, 122.1
(P) [Iowa City] (Iowa)	1.7 SW;riv E	650	43h L1 S6	80,91 oct. No sto.
Jefferson City (Mo)	2 N;hwy S	550	32 S6	80,91 oct.
KANSAS CITY Range(Mo)	359(KC)(vhf)	148°,2.9	SBRAZ-DTXV	(3); 116.1, 122.1
KANSAS CITY Tower (Mo) [Kansas City] (Mo)	278 (126.18, 118.3) 2.5 NW;riv W,S	744	AC (ILS) 52h L6 S6	(4); 126.18,118.3,122.5 80,91,100 oct. Poles E;dike W. Floodlgts inop.
Keokuk (Iowa)	4.6 NNW;riv E	670	28 S6	80,91 oct.
KIRKSVILLE Range (Mo)	391(KR)(116.1)	320°,0.9	BMRLZ-DTV	(4); 116.1,122.1
Kirksville Arpk (Mo)	Adj SE	927	26	Clsd winter.
Lakeside (Franklin,Nebr)	5 N;lk N	2120	13	Soft when wet.
LAMBERT Tower (St.Louis, Mo)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,122.5,118.3
(NG)[Lambert-St.Louis](St. (N) Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	73-100 oct. Rdo rqrd. NNW blkd. Navy Inactive.
• Lamoni Int,10,KC-MP (Iowa	3 WNW;RR NE	1163	37 L3	
Lenox (Iowa)	1 N	1200	22 S1	80 oct. Trees S.
Leon (Iowa)	4.1 N;RR SE	1050	20 S2	80 oct.
Lexington (Mo)	3 WNW;RR NW	650	33 S6	80 oct. P-line S,W,SW.
Lincoln Fly.Svc. (Ill)	1.8 W;hwy N,E	591	20 S6	80 oct. P-line N.
• Luray Int,16,KC-CG (Mo)	1.9 ESE;RR N	727	26 L3	Poles N,E,W.
Macomb (Ill)	2.4 E;hwy E	695	23 S6	73,80 oct. N,NE blkd. P-line
Mader (Garnett, Kans)	2 WNW;hwy S	1060	26	Obst sur fld [E, SE.
Manning (Iowa)	0.6 SW;RR W	1327	25 S2	73 oct.
Marceline (Mo)	1.5 N;RR SE	855	20 S1	80 oct. P-line NNE.
MARSHALL H Fac. (Mo)	281(MH)(116.1)		MHTV	(4); 116.1, 122.1
• Marshall Int,7,KC-LS(Mo)	1.8 S;hwy E	800	39 L3 S2	80,91 oct. Trees E,NE,W.
(P) Marysville Mun. (Mo)	2.2 WNW;hwy S	1154	25 S6	80,91 oct.
Matanzas (Havana, Ill)	4 S;riv W	480	24 S6	80 oct. Data unver.
McCoy (Blue Mound, Ill)	5 W	660	16 S2	No fuel.
Medbury (Armington, Ill)	1 NE	650	26	Data unver.
Mel Adkins (Gravois Mills)	4.2 SSE;hwy W	950	19	Rough. (Mo)
Melbourne,com (Iowa)	1.3 S;RR E	1000	21 S2	80 oct. P-line E.
MOLINE Range (Ill)	224(MO)(116.1)	142°,12	SBRAZ-DTV	(4); 116.1,122.1 (ILS)
MOLINE ARPT Range (Ill)	278	86°,2.3	ML	3105 (on req)
(P) [Moline] (Ill)	4 S;hwy E,N	590	40h L6 S6	73,80,91 oct. Poles NW.
Monmouth (Ill)	1.5 NNE;rd E	770	31 L1 S6	80 oct. P-line E,W,S
• Montezuma Int,17,OH-CG(Ia)	3 E;hwy N	953	32 L3	Poles N,SW,W
Montgomery (Kahoka,Mo)	0.4 ENE;RR S	700	19 S2	80 oct. N,S blkd.
Morton (Ill)	3 W;hwy N	792	24 S2	80 oct. P-line N,W.
Mt.Ayrport (Mt.Ayr,Iowa)	6.6 N;RR N	1100	21 S1	Ltd 80 oct. Poles N;NE.
Mt. Hawley (Peoria,Ill)	6.4 N;RR SW	700	28 S6	80,91 oct. P-lines SE,S,SW
Mt. Pleasant (Iowa)	2.6 ESE;RR N	727	19 S2	80 oct.
(P) Muscatine (Iowa)	6 SW;RR SE	546	36 S6	80 oct.
Myers-Hughs(Lucerne,Mo)	0.4 SE;RR W	905	20 S2	80 oct. S blkd. Rough.
Nashville (Ill)	1 E;lk W		20 S1	80 oct. Data unver.
NEW FLORENCE H Fac.(Int)	248(ST)(116.1)		BHTV	(4); 116.1, 122.1 (Mo)
• New Florence Int,17,KC-LS (Mo)	1 SSE;hwy N	885	40 L3 S1	80 oct.
Newton (Iowa)	1.5 ENE;hwy S	950	22 S6	80 oct. Poles S.
Newton Fly.Svc. (Iowa)	3 W,hwy S	960	22 S2	80 oct. P-line SE.
Nicholas (Marshall, Mo)	3.8 S;hwy W	770	26 S6	80 oct. Tree S.
Niederhauser Arwys (Grinnell, Iowa)	4.5 E	1000	26 S1	80 oct. P-line S
OLATHE Navy Range (Kans)	233 (NUU)	352°,2.9	BMRLZ	
OLATHE NAS Tower (Kans) (N)	201 (142.74) 5.2 SW;RR W	1085	CN (GCA) 53h L5 S6	(3); 142.74 (8-18) 100 oct.
OTTUMWA Tower (Iowa)	272 (142.74)		CN	(3); 142.74)
(N) Ottumwa NAS (Iowa)(N)	6.4 NNW	841	52h L5 S6	73,100 oct.
Ottumwa (Iowa)	3.6 N;RR N	830	32 S6	80,91 oct. P-line W.
Palmyra (Mo)	0.8 SE;hwy W	650	22 S2	80 oct. Trees S. P-lines W
Pana (Ill)	2 E	708	18 S2	80 oct. P-lines N
Pekin (Ill)	4 S;RR E	505	29 S6	80,91 oct. P-lines SE,S,SW,
Pella (Iowa)	3.5 SE;RR N	877	24 S6	80 oct. [W,NW
PEORIA Range (Ill)	356 (PI)	178°,2.2	SBMRAZ-DT	(4)
(P) [Peoria] (Ill)	4.8 WSW;rd E	659	44h L5 S6	80,91 oct. Fld lgts on req.
Pittsville (Mo)	1.2 WNW;hwy S	925	20 S1	80 oct. P-line W. Trees E.
Princeton (Ill)	3 N;crk N		18 S2	80 oct. Data unver.
Quincy (Ill)	2.6 SE;hwy E	650	26 S6	80,91 oct. E blkd. P-line SE,
(P) Quincy (new) (Ill)	9.5 E	760	54h	Data unver [S,SW.
Ravenna (Nebr)	1 NNE	2070	22 S2	80 oct. Poles W. Use strips
Red Oak (Iowa)	1.5 W;RR E	1044	25 S2	80 oct. P-line N.
ROSECRANS Tower (Mo)	278 (126.18, 118.7)		C	(4); 126.18,118.7,122.5
(NG)[Rosecrans](St.Joseph,Mo)	4 NW;riv SW	821	60h L5 S6	80,91,100 oct. Ltd 100 oct. 2-ech. maint. NG Fld lgts prior req.
Roth (Oskaloosa, Iowa)	2 SSE;RR NE	850	20 S2	80 oct. Trees sur fld
St.Clair (Mo)	1.4 ENE	750	20 S2	80 oct. E,SSE,W blkd.
ST.JOSEPH Range (Rosecrans) (Mo)	341(ZJ)(vhf)	359°, 3.7	SBMRLZ-DTV	(3); 116.1, 122.1
ST.LOUIS Range (Lambert St.Louis)(Mo)	209(LS)(vhf)	256°, 2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Belleville, Ill)	263 (DCD)	49°,2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	447	55h L5 S5	73,91,100 oct. JP-1.
Sedalia (Mo)	6.3 NW;RR S	820	30 S6	80 oct. Poles S
(A) Sedalia AAF (Knobnoster, Mo.) (A)	2.8 S;hwy N	848	72h	CLOSED
Seymour (Iowa)	2 NNW;RR S	1060	24 S1	80 oct. Hedge S.
Sharon (Fremont, Ill)	1 SE;RR,hwy N	631	21 S6	80 oct. P-line NE
Sky Haven (Warrensburg, Mo)	3.7 WNW;hwy S	850	24 S6	80,91 oct. P-lines SE, WSW.
Sky Lake (Tuscumbia, Mo)	8 WSW		25 S1	80 oct. Trees NNE.
Slater (Mo)	0.8 NW;hwy N	850	26 S2	80 oct. P-line adj N.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°,7.8	FMHW	(Cont) St. Louis
SPRINGFIELD Range (Ill)	239 (ZD)	113°,2.3	SBMRAZ-DT	(4)
Springfield (Ill)	3.5 SW;bet RRs	606	31 S6	80,91 oct. Use strips.
Sterling (Ill)	1.4 NW;hwy E	645	26 S6	80,91 oct. P-line SE.
Stephenson (Macon, Mo)	3.5 SSE;RR W	850	26 S2	80 oct. P-line N.
• Stuart Int,9,OH-CG(Iowa)	3.5 SE;rd E	1189	31 L3	P-line NE,E.
Taylorville (Ill)	1 SW		26 S6	80 oct. Data unver.
Tyler (Villisca, Iowa)	0.5 E;riv E	1055	18 S1	80 oct. P-line S.
Unionville Arwys (Mo)	1.5 ESE;hwy NE	1100	21 S2	80 oct. P-line N
Vandalia (Ill)	4.4 NW	532	39h L3 S6	80,91 oct.
• Van Orin Int,34,OH-CG(Ill)	1 ENE;RR S	828	33 L3	Poles W.
Vaughn (Trenton, Mo)	1.2 NNW,RR E	790	26	
Venture (Ottumwa, Iowa)	2.8 SSE,RR W	800	13 S6	80 oct. P-line N,W,NE
Versailles (Mo)	1.7 ENE;RR N	1050	20 S4	80 oct. P-lines sur fld
VICHY Range (Mo) (AAF)	344(OM)(116.1)	310°,2.7	BMRLZ-DTV	(4); 116.1,122.1
(A) Vichy AAF (Mo)(A)	1.5 NNW	1120	55h	CLOSED. Hwy SW
Virden (Ill)	1 WSW;RR E,S	640	25 S2	80 oct. P-line N,E Soft
Vogel (La Salle, Ill)	6.5 NNW;RR E	664	26 S2	80,90 oct. Soft when wet. Poles N, W
Warrensburg (Mo)	7.3 SSW;hwy E	860	23 S6	80 oct. Use strips only. P-lines SW,NW
Warsaw (Mo)	2.5 W;lk N,E,S	690	26 S4	80 oct. Trees W,S,E.
Washington (Iowa)	1.5 SSE,RR NE	769	26 S6	80 oct.
Weise Fly.Svc.(Lone Tree,Ia)	3.4 NE		26 S2	80 oct. Hi-line N. Data unver.
Winterset (Iowa)	2 W;RR E	1130	21 S4	80 oct. Fence each end rnwy
Wyllies (Gorin, Mo)	3 WNW;riv W	640	14 S2	80 oct. Use strips only
York (Nebr)	1.8 N,hwy W	1662	30	Poles SW,NW. Use strips
Zims (Warrenton, Mo)	0.4 ESE;hwy W	880	18 S2	80 oct. Trees E,W

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs., Compass Locator in kcs.)

LOCATION	LC/LTR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
KANSAS CITY	109.9	333.8	173°	IM- •••••••(0.01)	MM- •—•—(2.60) OM- — — (4.65)
					MMK 221 •—•—• OMK-248 —•—
LAMBERT	110.3	335	238°	IM-	MM- •—•—(0.64) OM- — — (3.98)
					MMK 201 •••• OMK-
MOLINE	110.3	335	131°	IM-	MM- •—•—(0.71) OM- — — (4.4)
					MMK OMK
				IM-	MM OM-
					MMK OMK

N.E.W. FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
—► New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.

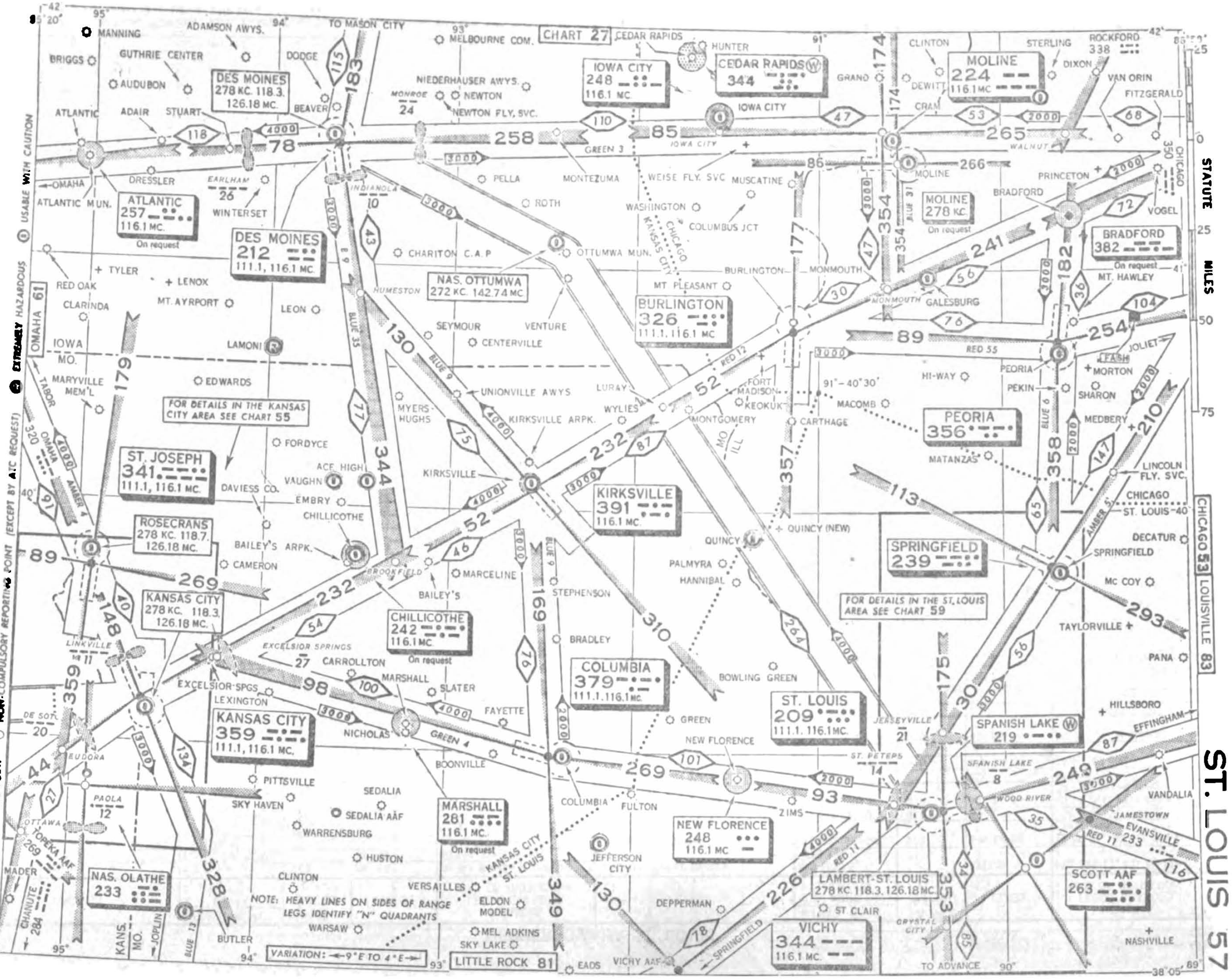


CHART 27
STATUTE MILES
ST. LOUIS 57
CHICAGO 53 LOUISVILLE 83
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT (EXCEPT BY A.T.C. REQUEST)
NON-COMPULSORY REPORTING POINT
DES MOINES 278 KC. 118.3. 126.18 MC.
DES MOINES 212 111.1, 116.1 MC.
ATLANTIC 257 116.1 MC. On request
IOWA CITY 248 116.1 MC.
CEDAR RAPIDS 344
MOLINE 224 116.1 MC.
MOLINE 278 KC. On request
BRADFORD 382 On request
BURLINGTON 326 111.1, 116.1 MC.
NAS. OTTUMWA 272 KC. 142.74 MC.
PEORIA 356
KIRKSVILLE 391 116.1 MC.
ST. JOSEPH 341 111.1, 116.1 MC.
ROSECRANS 278 KC. 118.7. 126.18 MC.
KANSAS CITY 278 KC. 118.3. 126.18 MC.
CHILLICOTHE 242 116.1 MC. On request
KANSAS CITY 359 111.1, 116.1 MC.
MARSHALL 281 116.1 MC. On request
NAS. OLATHE 233
COLUMBIA 379 111.1, 116.1 MC.
NEW FLORENCE 248 116.1 MC
SPRINGFIELD 239
ST. LOUIS 209 111.1, 116.1 MC.
SPANISH LAKE 219
LAMBERT-ST. LOUIS 278 KC. 118.3, 126.18 MC.
VICHY 344 116.1 MC.
SCOTT AAF 263
LITTLE ROCK 81
FOR DETAILS IN THE KANSAS CITY AREA SEE CHART 55
FOR DETAILS IN THE ST. LOUIS AREA SEE CHART 59
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 4°E
TO MASON CITY
TO ADVANCE
MANNING
ADAMSON AWYS.
GUTHRIE CENTER
BRIGGS
AUDUBON
DODGE
BEAVER
ATLANTIC
ADAIR
STUART
DRESSLER
EARLHAM
WINTERSET
ATLANTIC MUN.
OMAHA
TYLER
RED OAK
LENOX
CLARINDA
MT. AYRPORT
LEON
IOWA
MO.
MARYVILLE MEM'L
EDWARDS
FORDYCE
DAVIESS CO.
ACE HIGH
VAUGHN
EMBRY
CHILLICOTHE
BAILEY'S ARPK.
CAMERON
LINKVILLE
EXCELSIOR SPRINGS
EXCELSIOR SPGS
LEXINGTON
DE SOTO
EUDORA
PAOLA
OTTAWA
TOPEKA AAF
MADER
CHANUTE
KANS.
MO.
JOPLIN
BUTLER
PITTSVILLE
SKY HAVEN
SEDALIA
SEDALIA AAF
WARRENSBURG
HUSTON
CLINTON
VERSAILLES
WARSAW
SKY LAKE
MEL ADKINS
ELDON
MODEL
JEFFERSON CITY
BOONVILLE
NICHOLAS
FAYETTE
CARROLLTON
MARSHALL
SLATER
BROOKFIELD
MARCELINE
BAILEY'S
STEPHENSON
BRADLEY
GREEN
NEW FLORENCE
FULTON
ZIMS
COLUMBIA
DEPPERMAN
EADS
VICHY AAF
ST CLAIR
CRYSTAL CITY
JERSEYVILLE
ST. PETERS
WOOD RIVER
SPANISH LAKE
HILLSBORO
EFFINGHAM
VANDALIA
JAMESTOWN
EVANSVILLE
NASHVILLE
TAYLORVILLE
PANA
MC COY
SPRINGFIELD
DECATUR
LINCOLN
FLY. SVC.
CHICAGO
ST. LOUIS
SHARON
MEDBERY
MORTON
JOLIET
PEKIN
HI-WAY
MACOMB
CARTHAGE
MATANZAS
MONMOUTH
GALESBURG
MT. HAWLEY
PRINCETON
VOGEL
DIXON
VAN ORIN
FITZGERALD
ROCKFORD
338
STERLING
CLINTON
DEWITT
GRAND
CRAN
WALNUT
IOWA CITY
HUNTER
NEWTON
NEWTON FLY. SVC.
NIEDERHAUSER AWYS.
MELBOURNE COM.
MONROE
PELLA
MONTEZUMA
WEISE FLY. SVC
MUSCATINE
ROTH
WASHINGTON
COLUMBUS JCT
CHARITON C.A.P
OTTUMWA MUN.
HUMESTON
SEYMOUR
CENTERVILLE
VENTURE
MT. PLEASANT
BURLINGTON
MONMOUTH
LURAY
WYLIES
UNIONVILLE AWYS
KIRKSVILLE ARPK.
KIRKSVILLE
MYERS-HUGHS
FORT MADISON
KEOKUK
MONTGOMERY
MO
ILL
QUINCY
QUINCY (NEW)
PALMYRA
HANNIBAL
BOWLING GREEN
GREEN
91°-40°30'
GREEN 3
GREEN 4
RED 12
RED 55
RED 11
BLUE 9
BLUE 35
BLUE 6
AMBER 4
AMBER 5
CHICAGO
KANSAS CITY
ST. LOUIS
INDIANOLA
ROUTE 31
ROUTE 36
ROUTE 41
ROUTE 40
ROUTE 20
ROUTE 24
ROUTE 30
ROUTE 34
ROUTE 40
ROUTE 50
ROUTE 54
ROUTE 61
ROUTE 63
ROUTE 67
ROUTE 70
ROUTE 74
ROUTE 75
ROUTE 80
ROUTE 90
ROUTE 94
ROUTE 95
ROUTE 96
ROUTE 98
ROUTE 99
ROUTE 100
ROUTE 101
ROUTE 104
ROUTE 110
ROUTE 113
ROUTE 115
ROUTE 116
ROUTE 118
ROUTE 134
ROUTE 147
ROUTE 148
ROUTE 169
ROUTE 174
ROUTE 175
ROUTE 177
ROUTE 179
ROUTE 182
ROUTE 183
ROUTE 210
ROUTE 226
ROUTE 232
ROUTE 240
ROUTE 241
ROUTE 249
ROUTE 254
ROUTE 258
ROUTE 264
ROUTE 265
ROUTE 266
ROUTE 269
ROUTE 293
ROUTE 310
ROUTE 320
ROUTE 328
ROUTE 340
ROUTE 344
ROUTE 349
ROUTE 352
ROUTE 353
ROUTE 354
ROUTE 357
ROUTE 358
ROUTE 359
ROUTE 365
ROUTE 366
ROUTE 367
ROUTE 368
ROUTE 369
ROUTE 370
ROUTE 371
ROUTE 372
ROUTE 373
ROUTE 374
ROUTE 375
ROUTE 376
ROUTE 377
ROUTE 378
ROUTE 379
ROUTE 380
ROUTE 381
ROUTE 382
ROUTE 383
ROUTE 384
ROUTE 385
ROUTE 386
ROUTE 387
ROUTE 388
ROUTE 389
ROUTE 390
ROUTE 391
ROUTE 392
ROUTE 393
ROUTE 394
ROUTE 395
ROUTE 396
ROUTE 397
ROUTE 398
ROUTE 399
ROUTE 400
ROUTE 401
ROUTE 402
ROUTE 403
ROUTE 404
ROUTE 405
ROUTE 406
ROUTE 407
ROUTE 408
ROUTE 409
ROUTE 410
ROUTE 411
ROUTE 412
ROUTE 413
ROUTE 414
ROUTE 415
ROUTE 416
ROUTE 417
ROUTE 418
ROUTE 419
ROUTE 420
ROUTE 421
ROUTE 422
ROUTE 423
ROUTE 424
ROUTE 425
ROUTE 426
ROUTE 427
ROUTE 428
ROUTE 429
ROUTE 430
ROUTE 431
ROUTE 432
ROUTE 433
ROUTE 434
ROUTE 435
ROUTE 436
ROUTE 437
ROUTE 438
ROUTE 439
ROUTE 440
ROUTE 441
ROUTE 442
ROUTE 443
ROUTE 444
ROUTE 445
ROUTE 446
ROUTE 447
ROUTE 448
ROUTE 449
ROUTE 450
ROUTE 451
ROUTE 452
ROUTE 453
ROUTE 454
ROUTE 455
ROUTE 456
ROUTE 457
ROUTE 458
ROUTE 459
ROUTE 460
ROUTE 461
ROUTE 462
ROUTE 463
ROUTE 464
ROUTE 465
ROUTE 466
ROUTE 467
ROUTE 468
ROUTE 469
ROUTE 470
ROUTE 471
ROUTE 472
ROUTE 473
ROUTE 474
ROUTE 475
ROUTE 476
ROUTE 477
ROUTE 478
ROUTE 479
ROUTE 480
ROUTE 481
ROUTE 482
ROUTE 483
ROUTE 484
ROUTE 485
ROUTE 486
ROUTE 487
ROUTE 488
ROUTE 489
ROUTE 490
ROUTE 491
ROUTE 492
ROUTE 493
ROUTE 494
ROUTE 495
ROUTE 496
ROUTE 497
ROUTE 498
ROUTE 499
ROUTE 500

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Auburn (Nebr)	2.7 E;riv SW	960	29 S6	80 oct P-line N,NW,NE
Beardstown (Ill)	1.5 SE;RR N,W		18 S2	80 oct. Data unver
Black Walnut (St. Louis, Mo)	18 NNW			ABANDONED
Blair (Nebr)	3 NNW;hwy W	1050	28 S6	80,91 oct P-line NW,W.
(P) Boulder (Colo)	3 ENE;RR NW	5350	42 S6	80,91 oct. RR S.
BUCKLEY Tower (Colo)(NG)	201 (126.18)		CA	(3); 126.18 (8-16)
(NG)(N) Buckley (NAS) (Denver, Colo)	12.5 ESE	5642	80h	73,100 oct,1-ech maint NC
Calhan (Colo)	0.6 ESE;hwy N	6500	22	
Chesterfield Int,4,LS-CG (Ill)	3 ENE;hwy 1 W	612	26 L3 S1	80 oct.P-line NE,NW.
Civil Air Patrol (Denver,Colo)	3.9 E	5328	29 L S6	80 oct. Flood lgts.
Clear Ridge (Omaha, Nebr)	5.2 NW;RR N	1230	28 S6	80 oct P-line E.
COLORADO SPRINGS Range (Peterson)(Colo)	224 (CD)	166°, 3.9	MRLWZ	
Combs (Denver, Colo)	3 NE;RR N	5276	35 S6	80,91 oct P-line N,S
Council Bluffs (Iowa)	3 SE;RR S	980	37 S6	80 oct Bldgs SW
Craig (Mo)	See Ward Arpt under "New Facilities" - name changed			
Creighton (Golden, Colo)	4 E;lake E	5600	30 S1	80 oct NW blocked Mtn 1 W
Creve Coeur (St. Louis, Mo)	14.5 WNW			ABANDONED.
Crosier (Greeley, Colo)	3.5 E;rd,riv S	4648	34 S6	73,91 oct
Cyril Lebert (Lebanon, Ill)	0.5 SE;hwy N	440	22 S2	80 oct. Poles N,W,S
DENVER Range (Stapleton)(Colo)	379 (DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER VHF Range (Stapleton) (Colo)	109.1 (DV)(vhf)	211°,9.7	VAR-DTXV	(3);116.1,122.1
Dunlap (Iowa)	0.5 WNW;RR SE	1160	30 S3	80 oct. P-line NNE
Eagleton (Decatur, Nebr)	1 S;hwy E	1100	26 S1	80 oct.P-line NE,E,SE.
East Colfax (Watkins, Colo)	2.7 WSW;hwy N	5650	30 S4	73 oct. Poles N,NW
Edwardsville (Ill)	3.4 E;RR N	555	21 S2	No fuel P-line E,S
Ellisville (Mo)	0.4 NE;hwy S	750	16 S2	80 oct.
Englewood (Colo)	6.8 SSE;hwy S	5520	45 S6	80, 91 oct.
Flagler (Colo)	0.8 S;RR N	4975	48 S4	80 oct. 20' p-line E
Fleck's Lakeview (Rochester, Ill)	2.8 W;lake W	580	21 S6	80 oct P-line W
Gundlach (Belleville, Ill)	1.8 E	514	23	Obsts sur fld.
H & S (Gillespie, Ill)	1 W;RR S	661	18	P-line N,E.
Harlan (Iowa)	5 SSW;hwy E	1196	27 S2	73 oct. Hi-line S,E
Hew's (Humboldt, Nebr)	4.2 NNE	1200	13	Pwr line E. PRIVATE
Hi ghland-Winet (Highland,Ill)	3.6 NE;RR S	535	24	P-line S.
Jacksonville (Ill)	3.9 S;hwy E	650	18 S6	80 oct P-line E.
Kratz (St. Charles, Mo)	1.1 ESE;RR S	442	30 L S6	80,91 oct Port rnwy lgts.
Lakeside (E. St. Louis, Ill)	7 NNE;lake W	420	32 L S6	80,91 oct Port lgts on rel SE blocked
LAMBERT-ST LOUIS Tower (St. Louis, Mo)	278 (126.18, 118.3)		AC(ILS)	(4); 126 18, 122 5, 118 3
(NG)(N) [Lambert-St Louis](Nas) (St. Louis, Mo)	10.8 NW;hwy N, W	552	60h L6 S6	73-100 oct.Rdo rqrd.NNW blkd.Navy Inactive.
Longmont (Colo)	2.9 W;hwy .5 S	5030	44 S6	80,91 oct Trees NW.
LOWRY Tower (Colo)	396 (126.18)+		CA ◆ -00.20	(3); 126 18 (GCA)
(A) Lowry (Denver, Colo) (A)	5.3 ESE	5412	83h L5 S6	91, 100 oct JP-1
Lucas (Festus, Mo)	1.7 S;RR W	425	16 S2	73 oct.
Machens (Mo)	1 NNW			ABANDONED
Meremec (Valley Park, Mo)	1.5 ESE;riv N	440	30 L S2	80 oct. Port rnwy lgts. P-line S.
Missouri Valley (Iowa)	1.5 S;RR W	960	16 S2	80 oct.
Negus (Alexander, Ill)	2.8 WSW;RR SE	645	22	PRIVATE.
(N) Neubeiser OLF (St. Louis, Mo) (N)	22 NNW;riv N	438	20h	CLOSED.
Nichols (Colorado Springs, Colo)	2.8 NNE;hwy W	6200	42 S6	80,91 oct. P-line SE,S,SW, NW,N,NE.
OFFUTT Tower (Omaha, Nebr)	396 (126.18)		CA	(3); 126.18
(A) Offutt (Omaha, Nebr) (A)	10 S;RR W	1046	61h L5 S4	91,100 oct. No sto.
Oliver Ranch (Onawa, Iowa)	5 SE;hwy W	1040	26 S1	Ltd 80 oct. Trees sur fld.
OMAHA Range (Nebr)	320(OH)(vhf)	146°,0.8	SBRAZ-DTV	(3); 116.1, 122.1
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C([LS)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE;lake W	982	54h L6 S6	73,80,91,100 oct. No con-tact lgts.
Parks (East St. Louis ,Ill)	4.2 SW;RR SE	410	26 L3	NW blk. PRIVATE.
Parks Metropolitan (East St. Louis, Ill)	3.5 SSW;RR W	420	40 L S6	80,91 oct. Port rnwy lgts. 1700' paved rnwys.
PETERSON Tower(Colo)	272(126.18)		CA	(4);126.18
(A) [Peterson] (Colorado Springs, Colo) (A)	6.3 E; hwy N	6170	85h L5 S6	73,91,100 oct.
Pine Valley (Colorado Springs, Colo)	9.2 N;bet RR,hwy	6575	42 S6	80,91 oct P-line NE,E,SE, W,NW.
Randolph (Iowa)	1.7 NNE;RR W	1050	20	
Rocky Mountain (Colorado Springs, Colo)	6 ESE	6100	35	
Ross (St. Louis, Mo)	4.8 NNW;RR SE	430	30 S6	80,91 oct. Poles sur fld.
Ruston (Denver, Colo)	10 NNW;hwy W	5550	40 S2	80,91 oct. P-lines sur fld. Bet RR & hwy.
Rutledge (Dupont, Colo)	2.1SSW;	5107	37 S6	80,91 oct.Poles sur fld.
St. Charles (Mo)	5.3 NNW;RR N	470	29 S6	80 oct Poles E,N,NE,SE
ST. LOUIS Range (Lambert-St. Louis) (Mo)	209(LS)(vhf)	256°,2.2	SBRAZ-DTXV	(3); 116.1, 122.1
SCOTT Army Range (Bellev'l, Ill)	263 (DCD)	49°, 2.2	SBMRAPZ-DT	(4)
SCOTT Tower (Ill)	396 +		CA	(4)
(A) Scott (Belleville,Ill)(A)	7.5 ENE;RR S	441	55h L5 S5	73,91,100 oct,JP-1
Shenandoah (Iowa)	2.8 W;RR SE	960	25 L S2	80 oct. Port rnwy lgts
SKY RANCH Tower (Colo)	296		CI	(3); (8-17)
Sky Ranch (Denver, Colo)	12.6 E;RR S	5478	55 S6	73,80,91 oct.
SPANISH LAKE H Fac.(Mo)	219 (L)	69°,7.8	FMHW	(Cont.) St. Louis
Springfield (Ill)	3.5 SW;bet RRs	606	51 S6	80,91 oct. Use strips.
SPRINGFIELD,Ill,(Range)	239(ZP)	113°, 2.3	SBMRAZ-DT	(4)
STAPLETON Tower (Denver, Colo)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
[Stapleton] (Denver, Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
Starling (St. Louis, Mo)	14 SSW;riv 3 N	615	24 S2	80 oct.Trees ESE,SE,WNW.
Steckley (Weeping Water,Nebr)	3 S;RR,rd E			ABANDONED
Sylvan Beach (Fenton, Mo)	2 NNW	442	42 L S2	80,91 oct. Port rnwy lgts. P-line N.
TARKIO H Fac. (Mo)	281 (TK)(116.1)		MHTV	(4);116.1,122.1
Tarkio,10,KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct.
Tecumseh (Nebr)	1 W;RR NE	1115	26 S4	80 oct.Trees W;p-line N.
Valley (Nebr)	1.8 NW;RR NE	1150	22 S1	80 oct.
Vest Aircraft Co.(Denver,Colo	3.8 NE;hwy W	5236	35 L2 S6	80,91 oct.
Wadlow (Alton, Ill)	3.5 NNW	600	25 S6	80 oct. P-line SW,trees S.
Weiss (Kirkwood, Mo)	4 SW	430	15 S4	80 oct. P-line NE,N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

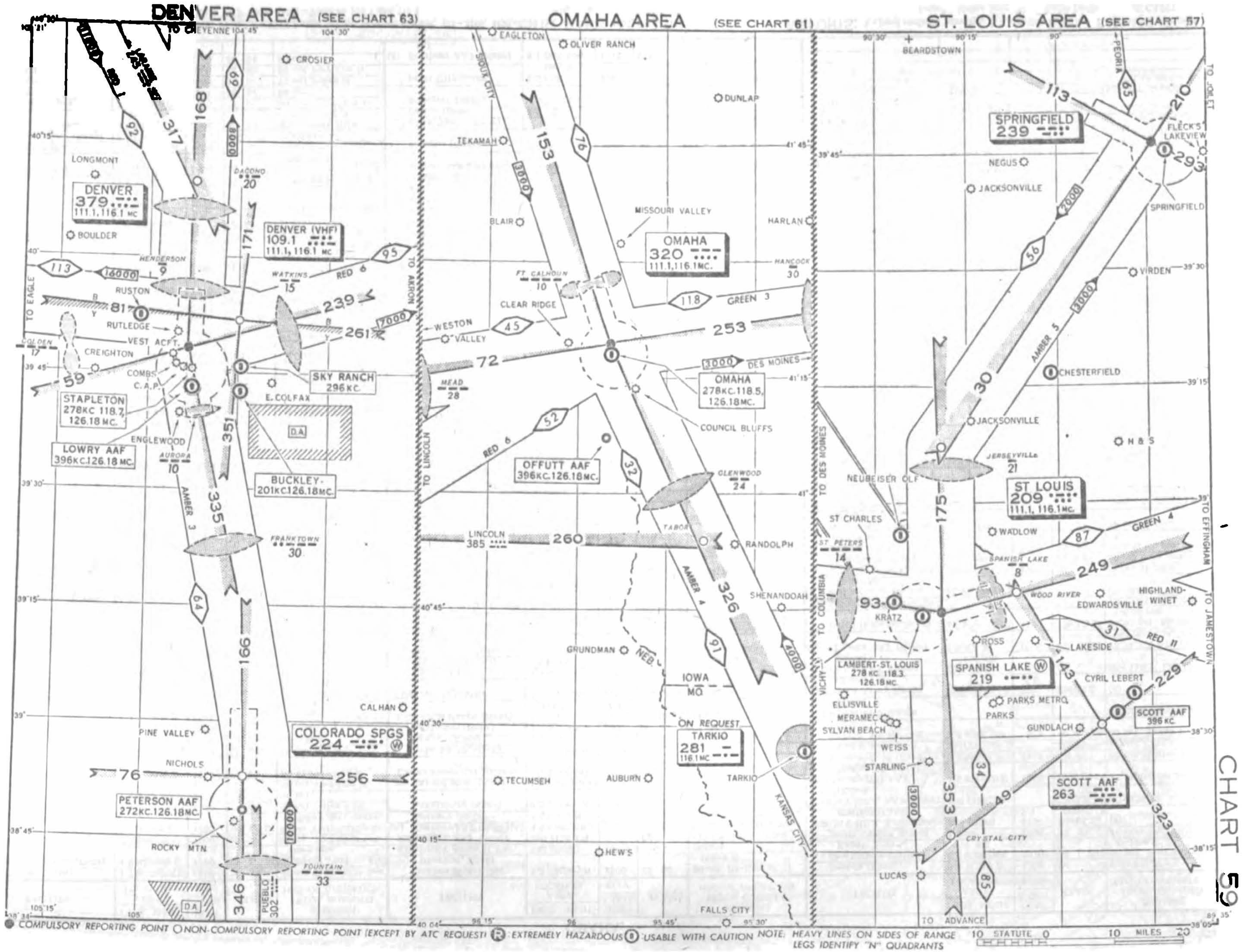
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LAMBERT	110.3	335	238°	IM-	MM- ·–·–· (0.64)	OM- – – (3.98)
					MMK- 201 ···	OMK-
OMAHA	110.3	335	135°	IM-	MM- ·–·– (0.78)	OM- – – (4.90)
					MMK- 201 ····	OMK- 219 – – –
STAPLETON	110.3	335	206°	IM-	MM- ·–·– (0.65)	OM- – – (4.19)
					MMK-335 ···–	OMK- 359 –··

NEW FACILITIES

Tekamah (Nebr)	1.3 S;hwy W	1010	30 S2	80 oct.S blkd.
Lisco (Nebr)	0.5 W;RR N	3800	26	
Patty's (Lewellen,Nebr)	0.3 S	3300	26	P-line E.
Grundman, (Nebr. City, Nebr.)	1.1 SSW;hwy E	1150	28 S2	80 oct.
Falls City Mun. (Nebr.)	1.8 NE	960	29 S2	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 118.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) (R) EXTREMELY HAZARDOUS (B) USABLE WITH CAUTION NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

10 STATUTE 0 10 MILES 20

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Abilene (Kans)	1.7 WSW;RR N	1100	29 S6	80 oct. Trees E. P-line
Arrow (Lincoln, Nebr)	4.8 NE;hwy E	1160	25 L S6	73,80 oct. Port rnwy lgts. SE
Atwood (Kans)	2 N;hwy S	2900	26 S6	80 oct. Soft when wet.
(P) Beatrice (Nebr)	3.5 N;hwy E	1260	38h L3 S4	80 oct. Twrs SSW; poles S. Rnwy data unver.
Belleville (Kans)	1.8 WSW;hwy S	1520	24 S6	80 oct. Poles S, SE.
Bemblomas (Nebr)	1.2 NNE;RR SE	2990	28 S2	80 oct.
Bern (Kans)	0.6 S;RR N	1300	26 S1	80 oct. Pwr line N.
Bloomer (Concordia, Kans)	1 SSE;hwy W	1510	22 S2	80,91 oct. Pole E.
* Brainard Int, 31, SL -OH	5.5 SW	1640	31 L2	P-line N. (Nebr.)
Broken Bow (Nebr)	2 N	2400	30 S6	80 oct.
(A) Bruning AAF (Nebr)(A)	7.7 E;RR N	1544	68h	CLOSED.
Central (Grand Island, Nebr)	1.7 NE;RR S	1851	33 S6	80,91 oct. P-lines W, N
(P) Clay Center (Kans)	1.5 W;hwy S	1200	30 S2	80 oct. Poles S, NW.
Clay Center (Nebr)	1.5 E;hwy N	1800	26	Not maintained.
Clothier (Cedar Point, Kans)	4 SSW;creek E	1320	20 S2	73 oct.
Colby (Kans)	1.8 N;hwy W	3150	42 S4	80 oct. Poles SW, W.
Columbus (Nebr)	1.3 NE;RR S	1445	26 S6	P-line SSE, SSW.
Crete (Nebr)	1 S;RR NE	1368	24 L3S6	80,91 oct. Lgts prior req
David City (Nebr)	1.5 N;hwy W	1640	22 S2	80 oct. Windmill E.
Downs (Kans)	0.4 SW;riv S	1500	22 S1	80 oct. NW, N blkd. Pole
Eddie Hutton (Brewster, Kans)	1 SE;RR N	3420	35 S4	80,100 oct. Poles SE, S, SW, N.
Elgin (Nebr)	0.8 SW;RR E	1930	16 S6	80 oct. Bldgs SE, N.
Elkins (Wakefield, Kan)	1 SSE;riv NE	1170	13 S1	80 oct. Poles W.
Ellinwood (Kans)	1.5 NW;RR S	1790	26 S6	73 oct. Poles N.
Emporia (Kans)	5.4 S;hwy E	1200	26 S6	80 oct. Poles E, NE
Fairbury (Nebr)	2.5 NNE;RR SE;hwy SE	1316	26 L S6	80 oct. Port rnwy lgts P-line W, NW, S.
(A) Fairmont AAF (Geneva, Nebr) (A)	4.8 NE	1639	70h	CLOSED
(P) Fremont (Nebr)	1.4 WNW; RRs NE	1203	38h S4	80,91 oct. P-line N, NE, E, SE.
Giffin-Orton (Hoisington, Kans)	See Hoisington Arpt under "New Facilities" - name changed.			
GOODLAND H Fac. (Kans)	353 (GN)		HW-T	
GOODLAND Range (Kans)				DECOMMISSIONED.
(P) Goodland (Kans)	2 NNE;hwy E	3689	37 S4	80,91 oct. P-lines SW,
Gothenburg (Nebr)	0.7 E;hwy S	2550	32 S2	80 oct. W. Trees NW.
GRAND ISLAND Range (Nebr)	263 (GI)(vhf)	165°, 1.3	SBMRLZ-DTV	(4); 116.1, 122.1
GRAND ISLAND AAF Tower (Nebr)				DECOMMISSIONED.
(A) Grand Island AAF (Nebr) (A)	3.5 NE;RR W	1846	72h	CLOSED.
(A) Great Bend AAF (Kans) (A)	4.5 WSW	1891	80h	CLOSED.
Great Bend Arpk. (Kan)	1.6 NNE;RR W	1850	26 S2	80 oct. Poles N, W.
(A) Harvard AAF (Nebr)(A)	2.5 NE	1817	76h	CLOSED.
Hastings (Nebr)	1.5 NW;RRs N, S	1940	52h S6	73,80 oct.
Hastings Sky Ranch (Nebr)	3.2 WSW;RR N	1960	26 L S6	80,91 oct. Port rnwy lgts. P-line S, W. NE, SW, W, NW.
Hawks (Bruning, Neb)	3.8 ESE;rd N	1544	29 S4	80 oct. N blkd. Poles
HAYES CENTER Range (Nebr)	(400)(KB)(vhf)	64°, 2.2	SBMRAZ-DTV	(4); 116.1, 122.1
* Hayes Center Int, 21, DV-GI (Nebr)	3 ENE;rd S	3074	51 L3	
Hays (Kans)	1.5 E;RR S	2020	29 L S6	80,91 oct. Port rnwy
Hebron (Nebr)	1 S;RR W	1458	26 S4	80 oct. S appch lgts. 6:1, SW 10:1.
Herington (Kans)	1.5 SE;hwy N	1450	26 S2	80 oct. Poles N, NW.
(A) Herington AAF (Kans)	7.5 ENE	1485	69h	CLOSED. (A)
Hewett's (Beaver City, Nebr)	2.5 NNE; hwy S	2300	40 S1	73 oct. Pole NNW, SSW. Bldg N.
Hiawatha (Kans)	1.3 WSW;RR E	1110	25 S1	80 oct. Appchs blkd.
Holdrege (Nebr.)	2 NNE;crk S	2324	26 S4	80 oct.
Holyrood (Kans)	0.5 ESE;RR N	1820	17 S4	73 oct. Poles N.
Huntoon (Topeka, Kans)	5.4 W;hwy N	1000	18 S6	80 oct. Pwr line N.
Imperial (Nebr)	1 ESE;RR SW	3280	36 S4	80 oct.
Janssen Skytel (McPherson, Kans)	1.5 SW;hwy N	1500	22 S6	80 oct. Hi-line W. Poles E.
KEARNEY Army H. Fac.	536 (DKR)	130°, 5.3	HW	(Nebr)
KEARNEY AAF Tower	396 (126.18)		CA	(3); 126.18 (8-1630)
(A) Kearney AAF (Nebr)(A)	4.5 ENE;RR S	2130	73h L5 S6	73,91,100 oct JP-1 No st
Kearney (Nebr)	4.5 S;riv N	2145	15 S1	80 oct. Trees N; p-line E
Larkinburg (Kans)	0.3 E;hwy N	947	27 S2	80 oct. Hi-lines N. Data unver.
Larned Mun. (Kans)	1.6 NNE;RR SE	2012	33 S6	80,91 oct.
LEBO Range (Int.) (Kans)	311(LN)(vhf)	336°, 0.0	BMLZ-DTV	(4); 116.1, 122.1
* Lebo Int, 39, AQ-KC	4 ENE;RR N	1160	33 L3	(Kans)
Lenora (Kans)	1.2 NNW	2325	29 S2	creek NE. 80 oct.
Lexington (Nebr)	1.7 NW;RR S	2400	28 S6	80 oct. P-line NE, E, SE.
LINCOLN Range (Nebr)	385 (HK) (116.1)	170°, 2.4	SBMRLZ-DTV	(4); 116.1, 122.1
(NG) [Lincoln] (Nebr)	5 NW;RR NE	1191	71h L5 S6	80,91,100 oct. 73,91,100 oct for NG.
Lyons (Kans)	1.3 W;hwy N	1950	28 S6	73 oct. P-line NW, N, NE
Manhattan (Kans)	5.5 WSW	1050	31 S6	80 oct. RR SE.
Mankan (Manhattan, Kans)	3.7 ENE;hwy S	1050	30 S6	80,91 oct. Poles sur fld.
Mankato (Kans)				ABANDONED
(P) Marion (Kans)	1.8 ESE;hwy N	1370	36 S4	80 oct. Appchs blkd.
MARSHALL Army Range (Ft. Riley) (Kans)	215 (DFY)	196°, 4.0	SBMRAZ	
MARSHALL Tower (Kans)	396 (126.18)		CA	(3); 126.18
(A) Marshall (Ft. Riley, Kans) (A)	1.8 SE	1062	45h L5 S6	73,91,100 oct. Ditch E S.
McCook (Nebr)	2.2 E;RR S	2586	42 S4	80 oct. Windmill N. Hwy
(A) McCook AAF (Nebr)(A)	9 NNW;hwy E	2784	75h	CLOSED. S
McPherson (Kans)	4 NNE;hwy W	1500	34 S6	80 oct. Soft when wet. Appchs blkd.
Moritz (Beloit, Kans)	1.2 NW;RR S	1420	24 S6	80 oct. Trees E.
MORLAND Range (Kans)				DECOMMISSIONED.
Moundridge (Kans)	2.2 WNW	1485	17 S2	80 oct. Poles SW, W, RR
(P) Norfolk (Nebr)	3 SSW;RR W	1572	58h S6	80 oct. P-line SE. 8 NE
NORTH PLATTE Range (Nebr)	236(NQ)(vhf)	352°, 2.2	SBRAZ-DTV	(4); 116.1, 122.1
(P) [North Platte] (Nebr)	3.2 ESE;riv S	2779	55h L5 S6	73,80 oct.
(P) Norton (Kans)	0.7 NNW;RR 1 S	2365	52 S4	80,91 oct. P-line S.
Oberlin (Kans)	0.9 NW;hwy SE	2684	25 S4	80 oct. P-line SE, NE.
Ohiowa (Nebr)	3 SW	1572	20	Fence sur fld. Data un-
OMAHA Range (Nebr)	320(OH)(vhf)	146°, 0.8	SBRAZ-DTV	(3); 116.1, 122.1 ver
OMAHA Tower (Nebr)	278 (118.5, 126.18)		C(JLS)	(4); 126.18, 122.5, 118.5
[Omaha] (Nebr)	3.5 NE; lk W	982	54h L6 S6	80,91,100 oct.
100th Meridian (Cozed, Nebr)	0.8 SW;RR N			ABANDONED.
Ord (Nebr)	1.8 NW, RR, hwy E	2060	31 S4	80 oct. Use strips.
* Overton Int, 69, SL-OH (Nebr)	4.8 E;RR S	2300	40 L3	Bldgs, trees NW; poles NE.
PHILLIP BILLARD Tower (Topeka, Kans)	278(118.5, 126.18)		C	(4); 118.5, 126.18, 122.5; 100-150 mcs on req.
[Phillip Billard] (Topeka, Kans)	3.5 ENE; riv N	879	43h L3 S6	80, 91 oct.
(P) Phillipsburg (Kans)	1.2 S;hwy E, N	1882	33 S2	80,91 oct.
Pottawatomie (Manhattan, Kans)	1.4 NE;RR SE	1100	20 S4	80 oct. Poles SE, NW, NE
Republican City (Nebr)	See Waldo Air Svc under "New Facilities" - name changed.			
Russell (Kans)	2.7 ESE;hwy N	1860	32 S6	73,80,91 oct. Poles N, NE, S, SW.
SALINA Range (Kans)				DECOMMISSIONED.
Salina (Kans)	2.5 SE	1275	26 S6	80, 91 oct. P-line NW.
Schuyler (Nebr)	2.8 W;RR S	1380	20 S4	80 oct. NE, SW blkd.
Scott City (Kans)	1.3 ESE hwy N	2980	32 S2	80 oct. SW, W, NW blkd. Poles N, NE.
(A) Scribner AAF (Nebr) (A)	4.1 SSE;hwy N	1315	67h	CLOSED.
Seneca (Kans)	0.5 W;RR S	1250	24	Poles N, S.
Sky Village (Salina, Kans)	6.6 WSW;RR SE	1270	22 L S6	80 oct. Port rnwy lgts P-line S.
Smith Center (Kans)	1 SSW	1806	27 S1	80 oct. S blkd. Pole SE.
SMOKY HILL Army Range (Salina) (Kans)	344 (DSN)	170° 5.1	BMRLZ-DT	(4)
SMOKY HILL AAF Tower (Kans)	396 (126.18)		CA(LS-W) (GCA)	(4); 126.18
(A) Smoky Hill AAF (Salina, Kans) (A)	4.5 SW;RR E	1289	100h L5 S4	73,91,100 oct. No sto.
Summerfield (Kans)	0.3 SSE	1450	20 S6	80 oct. P-line N, NW.
TARKIO H Fac. (Mo)	281 (TK) (116.1)		MHTV	(4); 116.1, 122.1
Tarkio, 10, KC-OH (Mo)	1.2 ENE;RR W	918	40 L3 S4	80 oct. Trees N.
TOPEKA VHF Range (Kans)				DECOMMISSIONED
TOPEKA Army Range (Kans)	269 (DTO)	32°, 3.5	BMRAZ	(4)
TOPEKA AAF Tower (Kans)	206 (116.1, 126.18)		CA	(3); 116.1, 126.18
(A) Topeka AAF (Kans) (A)	6 S;RR W	1078	65h L5 S6	73,91,100 oct. JP-1. No sto. CLOSED.
Union (Lincoln, Nebr)	4.8 NNE;RR S	1140	18h L3 S6	80,91 oct. All lgts prior req.
WALDO VHF Range (Kans)				DECOMMISSIONED.
(A) Walker AAF (Hays, Kans) (A)	12.5 E;hwy S	1975	80h	CLOSED.
Waverly (Lincoln, Neb)	9 NE;RR SE	1180	20	Poles SE, SSW.
West Point (Nebr)	1.5 E;hwy W		16 S4	80 oct. Data unver.
Wood Arpk (Clay Center, Kans)	3.5 N;hwy W	1260	15 S6	80 oct. No sto. P-line W.
Wright Arpk (Abilene, Kans)	1 SSE;riv S	1150	13 S1	80 oct. S blkd.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
GRAND ISL. AAF (A)	DECOMMISSIONED				
OMAHA	110.3	335	135°	IM-	MM- ·—·—(0.78) OM- ——(4.90)
					MMK- 201 ···· OMK- 219 ———
SMOKY HILL (A)	109.9	333.8	123°	IM- (0.19)	MM- ·····(0.89) OM- ——(4.20)
				IM-	MMK- OMK-
					MM- OM-
					MMK- OMK-

NEW FACILITIES

Hill City Mun. (Kans)	0.8 NE;riv S	2200	28 S2	Sto. SW blkd.
Mankato Mun. (new) (Kans)	1.4 NW;RR SW	1840	24 S6	80 oct. Windmill NE
Trenton Mun. (Nebr)	1.3 NW;RR S	2840	27 S2	80 oct. Poles SE.
Wahoo Mun. (Nebr)	2.5 NE	1180	25	Poles S.
Cakland (Nebr.)	2 W	1320	28 S6	80 oct. Use strips.
Hoisington (Kans)	1.3 NE;hwy S	1870	25 S4	80 oct. Poles S.
Burdett Fly Club (Kans)	1 SW;RR N	2140	20 S1	80 oct. Poles E, S. prior req
Concordia (Kans)	1.7 S;hwy W	1510	24 L S6	80 oct. Flood, port rnwy lgts
Ellsworth (Kans)	1 N;twr 0.8 S	1630	26 S6	80 oct. FEE. P-line NW
Hoover (La Crosse, Kans)	0.5 ENE;RR S	2060	24 S2	80 oct. Poles S, N
Hoxie (Kans)	0.7 N;RR, hwy S	2665	20 S1	73 oct. Poles S, W
Marysville (Kans)	1.3 ENE	1240	26 S6	80 oct. P-lines N, S
Nessco (Ness City, Kans)	1.6 ESE;RR	0.6 N 2240	26 S2	80 oct. E/W rnwy unsafe
Ness Fly Club (Ness City, Kans)	1 ESE;RR N	2245	23 S2	80 oct. Poles N, S when wet
Oakley (Kans)	0.6 SSW;RR N	3050	26 S2	80 oct. P-lines SE, S, NW, N
Ritter (Jct. City, Kans)	3.7 W;hwy N	1260	18 S2	80 oct. Poles NE, N. Use strips
Sterling Air Svc. (Kans)	1.2 SSW; lk 0.5 NE	1630	19 S4	80 oct. Trees all appchs.
Trenton (Nebr)	1.2 NW	2840	27 S2	80 oct. P-line SE
Lakeside (Franklin, Nebr)	5 N; lake N			ABANDONED.
Superior (Nebr)	2 N;hwy W	1735	26 S2	80 oct.
Geneva Fly. Svc. (Nebr)	1.2 SSW;RR NW	1633	26 S4	80 oct. Poles E. Soft-wet
Roush (Grand Isl. Nebr)	2 SSE;riv N	1841	32 S6	80,91 oct. E blkd.
Harmon (Kearney, Nebr)	1.3 NNW; lk S	2240	17 S4	80 oct. Soft when wet.
Waldo Air Svc (Republican City, Nebr)	0.5 WNW;riv S	1980	30 S6	80,91 oct. N end soft.
Heller Air Ranch (Wisner, Nebr.)	5 SSW;rd S	1350	22 S4	80 oct. Poles SE. Use strips only.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.86 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

CHART 25 | CHART 26

NORTH PLATTE 236 111.1. 116.1MC

GRAND ISLAND 263 111.1. 116.1MC

OMAHA 320 111.1. 116.1 MC

KEARNEY AAF 396 KC 126.18 MC

HAYES CENTER 400 111.1, 116.1 MC

KEARNEY AAF (W) 536

LINCOLN 385 116.1 MC

OMAHA 278 KC 118.5, 126.18 MC

TARKIO 281 116.1 MC

SMOKY HILL AAF 344

GOODLAND 353

MARSHALL AAF 215

MARSHALL AAF 396 KC 126.18 MC

TOPEKA AAF 269

TOPEKA AAF 396 KC 126.1, 126.18 MC

PHILLIP BILLARD 278 KC 118.5, 126.18 MC

SMOKY HILL AAF 396 KC 126.18 MC

LEBO 311 111.1 116.1 MC

FOR DETAILS IN THE OMAHA AREA SEE CHART 59

EXTREMELY HAZARDOUS ⓔ USABLE WITH CAUTION

NON-COMPULSORY REPORTING POINT ○ COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 13°E TO 9°E

STATUTE MILES

OMAHA 61

DENVER 63

ALBUQUERQUE 75

OKLAHOMA CITY 77

ST. LOUIS 57

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
AKRON Range (Colo)(Int.)	368(RN)(vhf)	154°,3.6	SBMRAZ-DTV	(4);116.1,122.1
★ Akron Int,9,DV-GI(Colo)	3.9 SE;RR N	4585	53 L3	Poles W.
★ Alvin Int,15,DV-GI(Colo)	3.5 NNE	3600	40 L2	Roads S,N.
ANTON Range (Colo)				DECOMMISSIONED
(A) Arlington #4 (La Junta, Colo) (A)	28 NNE	4424	70h	CLOSED. Arlington 3.3 WNW.
Bayard (Nebr)	1.3 SSW;RR N	3760	25 S2	No fuel. Poles N,E,NW,
★ Big Springs Int,55,SL-OH	3 WNW;hwy N	3605	35 L3	P-line E. (Nebr). SE.
Burlington (Colo)	0.5 W;RR S	4160	38 S2	73 oct. P-line N,NE,SE,
Chappell (Nebr)	3 E;RR SW	3830	26 L1 S2	73 oct. P-line W,S,NW
CHEYENNE Range (Wyo)	326(CX)(vhf)	176°,0.9	SBRAZ-DTV	(3);116.1,122.1
➙ CHEYENNE Tower (Wyo)	278(126.18, 118.3)		C(ILS)	(4);118.3,126.18,122.5
(NG) [Cheyenne] (Wyo)	1 N;lakes WNW	6156	79h L6 S6	80,91 oct.;73,91,100 oct.for Army 80,100 oct,2-ech maint NG.
COLORADO SPRINGS Range (Peterson) (Colo)	224 (CD)	166°,3.9	MRLWZ	Poles W.
(P) Craig (Colo)	1.8 SE;riv N	6300	51 S6	80, 91 oct.
Cress (Westcliffe,Colo)	6 NW	8000	30 S1	80 oct.
DENVER Range (Stapleton) (Colo)	379(DV)(vhf)	155°, 2.4	SBMRAZ-DTXV	(3);116.1,122.1
DENVER Range (Stapleton) (Colo)	109.1(DV) (vhf)	211°, 9.7	VAR-DTXV	(3);116.1,122.1
Doughty's (Julesburg)	12 ESE	3600	18	PRIV.Use in emerg
Douglas (Akron,Colo)	0.8 N	4400	28 S1	73 oct. (Colo)
Eads (Colo)	1.3 WSW;RR N	4210	42 S6	80 oct. P-line NE,N.
EAGLE Range (Colo) (6 mi ENE Eagle)	108.3 (EQ) (vhf)		BVAR-DTV	3105,3117.5; 116.1, 122.1
Eagle (Colo)	4.5 WSW;RR N	6496	38	
Estes Park (Colo)	2 SE;riv N	7635	30	Closed till June 1947
Flagler (Colo)	0.8 S;hwy N	4975	40 S4	80 oct. P-line E,NE,SE.
(P) Ft.Collins,5,DV-LR	4 WNW;rd S	5150	39 L1 S6	73,80,91 oct. (Colo.)
[Fremont Co](Canon City, Colo)	6.9 E;riv 2.5 S	5350	49 S6	80 oct.
General Brees (Laramie)	See Brees Field under "New Facilities" - name changed.			
Glenwood Sprgs.(Colo)	2 S	5900	31 S4	73 oct.
Granby (Colo)	1 ENE;hwy S	8200	39 S2	80 oct.
Gregg (Pueblo, Colo)	6 N;RR,hwy E	5000	37 S4	80 oct.
Holyoke (Colo)	1.8 ESE	3720	35 S4	80 oct. RR NW.
Hugo (Colo)	1.5 E;hwy S	5034	26 S1	80 oct.
Idle Acres (Potter,Nebr)	11.8 N;hwy N	4630'	21 S4	80 oct. P-line W. Data
Julesburg (Colo)	2.8 SW;hwy W	3490	24 S6	80 oct. unver.
LA JUNTA Range (AAF)	281(LH)(116.1)	194°,2.6	SBMRLZ-DTV	(4);116.1,122.1 (Colo)
LARAMIE Range (Brees) (Wyo)	245(LR)(vhf)	137°,2.2	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Las Animas (La Junta, Colo) (A)	19 NE	4119	70h	CLSD. Las Animas 5.9 mi SSE.
Lorenzo (Nebr)	0.6 WNW;RR E	4400	17 S1	Ltd 73 oct. Cattle on fld.
Medicine Bow,31,SL-OH	1.3 SE;RR N	6640	37 L3 S1	73 oct. (Wyo.)
Meeker (Colo)	1.3 E;hwy S	6300	36 S1	80,91 oct.
Meeker Ranch (Gunnison)	23 SSE;riv E	8500	55	(Colo)
Mitchell (Nebr)	1.6 S;riv N	3950	40 S6	73,80 oct. Trees,poles
Montrose (new) (Colo.)	1.5 NNW;hwy S	5780	58 S2	80,91 oct. NW.
Montrose (Colo)	1.3 S;RR NE	5800	33 S4	80 oct. CLOSED
Ogallala (Nebr)	2 W;RR S	3250	26 L1 S6	80 oct. Poles S,SE,SW.
Ordway (Colo)	0.9 S;RR N	4300	40 S2	Caution.
Oshkosk (Nebr)	1.8 SE;riv S	3375	21 S1	Ltd 80 oct. Poles NW,NE
PETERSON Tower (Colo)	272 (126.18)		CA	(4);126.18
(A) [Peterson](Colorado Springs, Colo)(A)	6.3 E;hwy N	6170	85h L5 S6	73,91,100 oct. No sto.
(P) Pine Bluffs,44,SL-OH	4.2 WSW;RR S	5128	48 L3 S2	73 oct. P-line N.(Wyo)
PUEBLO Range (Colo)	302(PU)(vhf)	340°,2.0	SBRAZ-DTV	(4);116.1,122.1
(P) [Pueblo] (Colo)	2.1 SW	4853	53h L5 S6	80,91,100 oct. E blkd.
(A) Pueblo AAB (Colo)(A)	7 NE;RR S	4712	88h	CLOSED.
Rawlins (Wyo)	2.3 NE;RR I S	6780	52 S4	80, 91 oct.
(P) Rifle (Colo)	3.3 E;riv N	5400	42 S2	80 oct. (Colo.)
Rocky Ford (La Junta)	13.8 NW	4367	60h	Rocky Ford 6 mi S.
Roderick (Lindon,Colo)	4.3 N;riv .5 E	4900	26 S1	73 oct. Emerg only.
➙ Royal Gorge (Canon City, Colo)	6.4 NW;hwy N	6320	26 S4	80,91 oct. Do not land N or S. P-line N.
(P) Saguache (Colo)	2 W;hwy NE	7700	48 S1	80 oct.
➙ St. Francis (Kans)	1 SSE;riv NW	3400	37 S4	80 oct. Poles W.
➙ Salida (Colo)	4 W;RR S	7500	38 S4	80 oct. Use strips.
Saratoga Mun. (Wyo)	0.7 SSW;hwy E	6900	47 S1	80 oct. P-line ESE.
Schwartz-Johnson (Sidney, Nebr)	1.6 SSE;RR N			ABANDONED
SCOTTSBLUFF Range (Nebr)	341(TF)(116.1)	301°,3.1	SBMRLZ-DTV	(4);116.1,122.1
(P) [Scottsbluff] (Nebr)	3.3 E;hwy S	3945	82h L5 S1	80,91 oct. Lgts on req.
Sharon Springs (Kans)	1.2 NW;RR S	3500	32 S1	80 oct. P-line E.
SIDNEY H Fac. (Nebr)	314(SD)(116.1)	350°,0.0	BH-DTV	(4);116.1,122.1
* Sidney Int,50,SL-OH	3 W;RR N	4132	36 L3	(Nebr)
SINCLAIR Range (Wyo)(Int)	209(XP)(116.1)	80°,1.7	SBMRAZ-DTV	(4);116.1,122.1
* Sinclair Int,27,SL-OH	3.8 ENE;RR S	6561	50 L3	
Stake's Prairie (Limon)	2.2 ENE;RR S	5375	34 S4	73 oct. (Colo)
STAPLETON Tower (Colo)	278 (126.18, 118.7)		AC (ILS)	(4);122.5,126.18,118.7
[Stapleton](Denver,Colo)	5 ENE;RR N	5320	70h L6 S6	80,91,100 oct.
(P) Starr Nelson(Delta,Colo)	4 E;rd N	5200	40 S4	80 oct.
Teter (Fairplay,Colo)	3 SSE;hwy E	9700	63	
(P) Trading Post(Kit Carson)	0.8 NW;crk E	4290	40	PRIV.P-line S,SE.(Colo)
Valley (Silver Cliff,Colo)	0.7 ESE	8000	40	Hwy W
Walden (Colo)	1.5 N;hwy W	8250	63 S1	80 oct.
Wamsutter Int,22,SL-OH	2.4 NNW;RR S	6812	50 L3	35' pole line SW.(Wyo)
Wray (Colo)	1.2 NNW;hwy E	3400	36 S2	80 oct.
(P) Young (Ft.Morgan,Colo)	6 N;hwy E	4460	52 S6	73,80 oct. Rough
Yuma (Colo)	1.4 SSE;hwy W	4150	34 S6	80 oct. P-line S,SE,SW,NW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

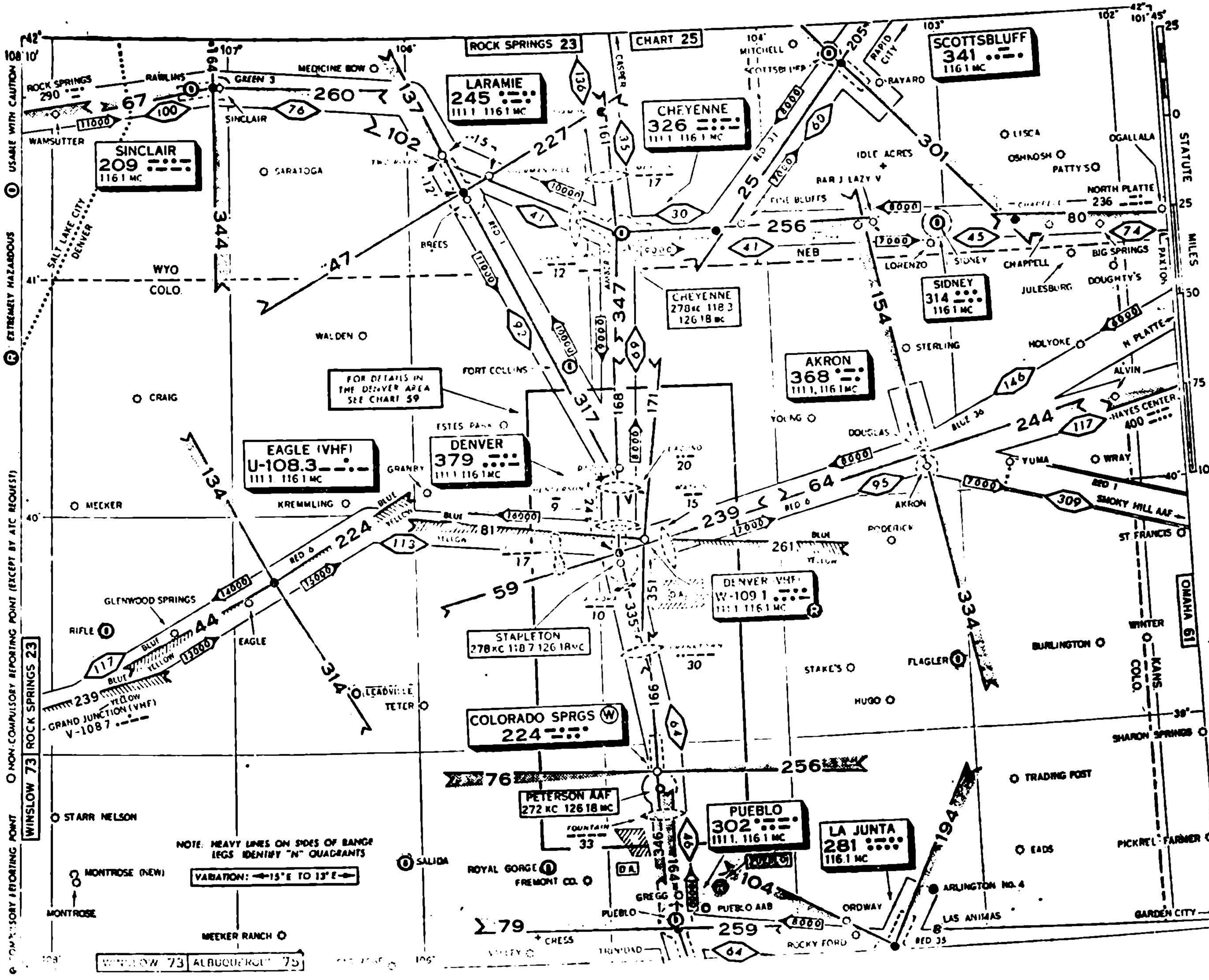
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
STAPLETON	110.3	335	206°	IM-		MM- (0.65)	OM- (4.19)
				MMK- 335			OMK- 359
➙ CHEYENNE	110.3	335	262°	IM-		MM- (0.66)	OM- (6.11)
				MMK- 230			OMK- 260

NEW FACILITIES

Bar J Lazy V (Potter,Nebr)	5.3 SW;rd E	4550	27 S2	80 oct.
O'Conta (Wisc)	1.5 SW;bay E	590	36 S2	80 oct. P-line N. Data unver.
(P) Sterling (Colo.)	2.8 W;RR S	4020	34 S6	80 oct.
Pickrel-Farmer (Tribune, Kans)	1.3 SW;RR N	3550	17 S2	80 oct. Poles N,NE;bldgs E
Kremmling (Colo)	0.9 E;hwy N	7410	27 S1	73 oct. Poles E
Winter (Kanorado,Kans)	0.6 SE;RR N	3910	29 S2	80 oct. Pole NE. Elev. NW. Use strips only.
Brees (Laramie,Wyo)	4 W	7270	63h R1 L5 S6	91,100 oct.
Sidney (Nebr.)	3 S;hwy N	4298	34 S1	80,91 oct. P-line N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➙ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ROCK SPRINGS 23
CHART 25
SINCLAIR 209 1161 MC
LARAMIE 245 1111 1161 MC
CHEYENNE 326 1111 1161 MC
SCOTTSBLUFF 341 1161 MC
SIDNEY 314 1161 MC
AKRON 368 1111 1161 MC
EAGLE (VHF) U-108.3 1111 1161 MC
DENVER 379 1111 1161 MC
DENVER (VHF) W-109.1 1111 1161 MC
STAPLETON 278 RC 118.7 126.1 MC
CHEYENNE 278 RC 118.3 126.1 MC
COLORADO SPRGS 224
PETERSON AAF 272 RC 126.1 MC
PUEBLO 302 1111 116.1 MC
LA JUNTA 281 116.1 MC
HAYES CENTER 400
NORTH PLATTE 236
ROCK SPRINGS 290
GRAND JUNCTION (VHF) V-108.7
MONTROSE (NEW)
MEEKER RANCH
FOR DETAILS IN THE DENVER AREA SEE CHART 59
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 15°E TO 13°E
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
WINSLOW 73 | ROCK SPRINGS 23
WINSLOW 73 | ALBUQUERQUE 75
DENVER 63
STATUTE MILES
SALT LAKE CITY DENVER
WYO
COLO.
NEB
KANS.
COLO.

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
AUBURN FM	(-)	FM, 22°,39	Sacramento
BAY POINT FM	(-)	FM, 19°, 24	Oakland
BELMONT FM	(. - -)	FM, 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM, 123°, 37.5	Oakland
FAIRFIELD-SUISUN(Fairfield)	248 (DFA)	SBMRAZ-DT;210°,3.2	(3);4220,126.18
Fairfield-Suisun AAF (Army)	350(126.18)	CA(ILS-W)(GCA)	(4); 4220;126.18
FARRALLON ISLAND	379 (FQ)	HW	
HALF MOON BAY FM	(-·- -)	FM, 199°, 11	San Francisco
HAMILTON (San Rafael)(Army)	528 (DHF)	HZ:180°,1.7	
→ Hamilton Field	219 (126.18)+	CA◆ :53.13	(3);126.18.4220 kcs on req.
LOS BANOS FM	(- - - -)	FM, 271°, 61.2	Fresno
MATHER(Sacramento)	201 (126.18)	CA	(3); 126.18
Mather Army (H fac.)	476 (DIM)	H ; 216°,0.8	
McCLELLAN (Sacramento)	360 (126.18)	CA	(3); 126.18
NEWARK FM	(- -)	FM, 123°, 16	Oakland
OAKLAND	335(OA)(vhf)	SBRAZ-DTXV,199°,0.2	(4);116.1,122.1
SACRAMENTO	236(SA)(116.1)	SBMRAZ-DTV	(3);116.1,122.1
Sacramento Airport	278 (126.18)	C; 22°, 1.7	(4);122.5
SALINAS	266(SB)(vhf)	BMRL-DTV:310°,2.4	(4);116.1,122.1
SAN FRANCISCO	227(SF)(111.1)	SBMRLZ-DTV,291°,3.6	(3);122.1
SANTA ROSA NAAS			DECOMMISSIONED
SAUSALITO FM			DECOMMISSIONED
STOCKTON	212(JW)(vhf)	BMRL-DTV:285°,3,1	(4);116.1,122.1
NEW RADIO FACILITIES			
SALINAS	109.1(SB)(vhf)	BVAR	(4);116.1,122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
FAIRFIELD-SUISUN(L6)(A)	111.3	335	210°	IM- (0.66)	MM- • • • • • • (0.85)	OM- (4.6)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

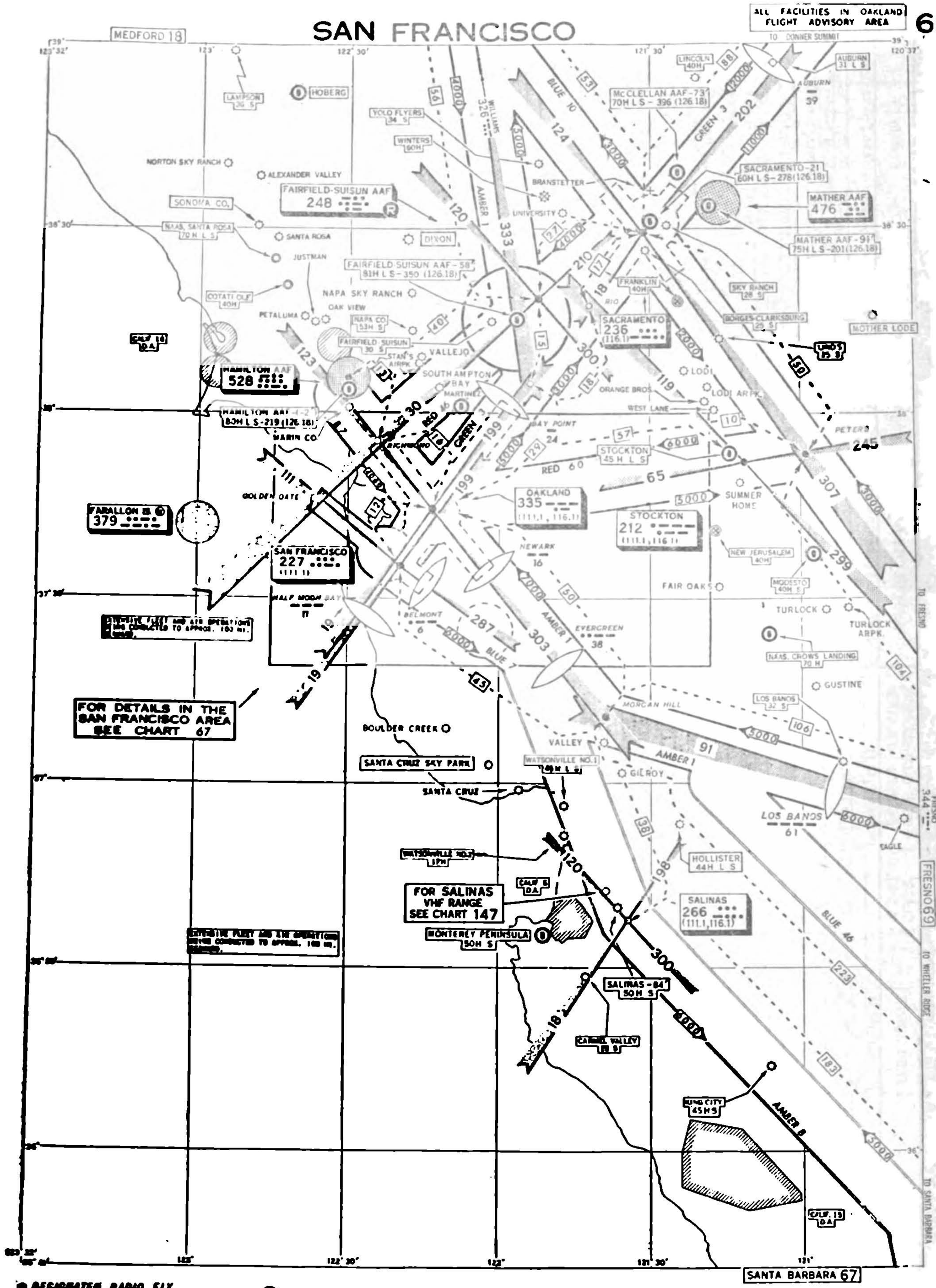
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Alexander Valley (Healdsburg)	3.7 ENE,riv NE	180	19 S2	80 oct.Hill SSE.
Amador Co.(Jackson)(NC)	2.5 NW,hwy S	1450	15 29 S1	Trees S.
American Legion(Salinas)	1.8 NNW			ABANDONED
★ Auburn Int,10,SF-SL	3.3 N,RR SE	1510	31 L3 S6	80 oct.
Borges-Clarksburg	2.4 NNE,riv SE	15	27 S6	80 oct.E,SSE blkd.(Clarksburg)
→ Boulder Creek(Calif.)	3 NW;rd W	810	29 S1	80oct.Lgt planes&exper.pilots only.
Branstetter (Sacramento)	3 NNW,RR E	30	30 S6	73,80 oct.Data unver[Sur by mtns.
Carmel Valley	12.5 ESE,riv S	450	19 S2	80 oct.
(N) Cotati OLF (N)	1.5 N,RR E	94	39h	Wires E.
(N) Crows Landing NAAS (N)	2.5 NW,RR E	166	70h	CLOSED
Eagle (Dos Palos)	6.5 SW,creek N	167	23 L1 S4	80,91 oct.
Fairfield-Suisun	1 E,RR N	7	35 S6	80 oct.N,S,W,NW,SW blkd.
(A) Fairfield-Suisun AAF (A)	5.5 NE	58	81h R3(L6)S4	73,100 oct.FOREIGN CLEAR STN.
(A) Franklin (A)	5.5 SSE; riv E	21	40h	CLOSED
Gustine	2.2 E,RR W	120	24	Hwy N
(A) Hamilton(San Rafael)(A)	6.5 NNE,bay E	2	80h R2 L5 S6	73-100 oct.JP-1. Twrs W.
Hoberg (Lower Lake)	4 WSW,hwy SW	2150	34 S1	80 oct. Hill NW.
Hollister	2.9 N,RR SW	234	44h L5 S2	80, 91 oct.
Justman (Petaluma)	1.5 ENE,RR SW	25	17 L S2	80 oct.No sto.Flare pots prior req
King City	1.5 NNE,RR W	370	45h L S6	80,91 oct. Obst lgts on req.
(P) Kingsbury (Lodi)	See Lodi under "New Airports" name changed.			
(P) Lampson (Lakeport)	4 SSE,hwy S	1300	36 S2	80 oct.Poles SE.
(P) Lincoln	3.6 WNW;hwy S	120	40h S4	80 oct.
Lind's (Lodi)	4.8 N,hwy E	54	33 S6	80 oct.Poles E.
Lodi Airpark	4.5 SW;hwy E	25	28 S6	80 oct. P-line E.No sto.
Los Banos	1.2 W,canal S	126	32 S6	80,91 oct.No sto.Poles S.
(A) McClellan (Sacramento)(A)	9 NE,RR SE	73	70h R1 L5 S4	62,73,91,100 oct.JP-1.
Marin County Inc. (San Rafael)	2.9 NNE;bay E	2	22 S6	80 oct. Use N pattern.
Martinez	0.8 N,RR S	6	20 S6	80,91 oct.Hill W.
(A) Mather (Sacramento)(A)	10.5 E,RR NW	91	75h R2 L5 S6	91,100 oct. No sto.
MODESTO	2.2 ESE,riv S	100	40h L5 S6	80,91 oct.
(N) MONTEREY PENINSULA	3.4 ESE,bay N	220	50h L5 S6	80,91 oct. Lgts prior req.
Mother Lode(Valley Sprgs)	6.6 NE,hwy S	1600	28 S2	80 oct.Pole line ESE,S.
(P) Napa County (Napa)	5.5 S,riv W	37	53h L5 S4	73,80,91 oct.No sto.Fld lgts prior
Napa Sky Ranch (Napa)	2.2 NNW,RR W	75	20 S6	80, 91 oct. Hwy W Flares req.
(A) New Jerusalem(Tracy)(A)	8.5 ESE	56	40h	River E. CLOSED prior req.
Norton Sky Ranch (Healdsburg)	5.2 NNW,RR E	225	23 S4	80,91 oct.No sto.Pole line NW.
Oak View (Petaluma)	3.3 ENE,RR SW	50	25 S1	80 oct.Pole line WNW,ENE
Orange Bros. (Stockton)	5 N; RR E	23	20 L S6	80 oct.Port rnwy lgts.Poles W.
Petaluma	1.7 N,RR E,W	30	18 S6	80 oct.
(P) SACRAMENTO	4 S,RR W	21	60h R2 L5 S6	73-100 oct.
(P) SALINAS	2.5 SE,RR SW	84	50h R1 L5 S6	80, 91 oct. Lgts on req.
Santa Cruz	4.8 E;RR S	96	26 S6	80,91 oct.Trees NW,SW.
(P) Santa Rosa	See Sonoma Co. under "New Airports" - name changed.			
Santa Rosa Airpark	2.8 NNW,RR SW	170	22 S1	73, 80, 91 oct.
(N) Santa Rosa NAAS (N)	2.5 SW, RR E	111	70h	INACTIVE.
Sky Ranch (Sacramento)	4 SSE,RR W	26	28 L S6	80,91 oct.Port rnwy lgts.NE,S,SW
Stan's Arpk (Vallejo)	2.5 NNW,RR E	5	24 S4	80 oct. blkd.
State Forestry(Davis)(NC)	3 E,hwy N	28	26	Power line W.
(P) STOCKTON	4 SSE,RR W,SW	28	45h R1 L5 S6	80, 91, 100 oct.
Summer Home(Manteca)	1.5 NE,hwy W	50	18 S2	80 oct.Wires,trees SE.RR W.
University(Davis)	2.4 WSW;crk S	65	37 S6	80, 91 oct. Hwy S.
Vallejo Sky Harbor (Vallejo)	3.5 NNW,RR, hwy adj E	10	25 S6	80,91 oct. Wire NE
Valley (Morgan Hill)	1.2 S,hwy E	240	17 S1	80 oct. P-line SE.
(P) Watsonville #1	2.6 NW,bay SW	178	45h L5 S6	80, 91 oct.
Watsonville #2	3.8 SSW;hwy E	125	23h	
West Lane(Stockton)	4.1 N,RR W	25	25 S6	80,91 oct.W blkd.Wire NW.
Winters Flight Strip(Davis)	6.2 WNW,hwy W	98	60h	
Yolo Flyers (Woodland)	5.5 W,hwy E	75	34 L S6	80,91 oct. Port rnwy lgts.Poles E.
NEW AIRPORTS				
Placerville (NC)	1.5 SE,hwy NW	2550	32	Use in emerg. only.
Santa Cruz Sky Park	5.3 N;hwy E	500	21h S6	80,91 oct. Trf.pat.S.
Turlock, (Calif.)	4 WSW;RR N	100	18 S1	80 oct.
Turlock Arpk, (Calif.)	1.5 SSE;hwy E	95	15 S2	73,80 oct.
(P) Sonoma Co. (Calif.)	7 NW;RR E	118	45h L5 S6	80,91,100 oct.Lgts on req.
Dixon (Calif.)	1.8 NNE;hwy NW	65	21 S2	80 oct.P-line N.Soft when wet.
Southampton Bay Air Harbor (Benecia,Calif.)	2.9 WNW;hwy E	10	24 S3	80 oct.Wires SSE.Soft when wet.
Fair Oaks Sky Nook(Fair Oaks,Calif.)	2.3 S;hwy,RR E	70	21 S4	80,91 oct.ENE blkd.
Gilroy (Calif.)	2 NW;rd E,N	240	25 S2	80 oct.NE,E,SE blkd.
(P) Lodi (Calif.)	6 WSW;RR NE	15	40h S6	80 oct.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ★-Guarded only when associated tower inoperative.

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) →New or revised data. [Jones]-Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

TEMP INACT NAVY FAC.

SAN FRANCISCO



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

Ⓔ: EXTREMELY HAZARDOUS

Ⓤ: USABLE WITH CAUTION

NOTE:
HEAVY LINES ON EDGE OF AMBER LEGS INDICATE "B" BOUNDARIES.

AIRPORTS LESS THAN 2000 FT. OR LIGHTED, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CLOSED OR NO CLASS OR AIRPORT SOIL

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ALAMEDA NAS	257(126.18,142.74)	CN	(3) 126.18,142.74
Alameda NAS (Seaplane)	2870	CN	2870
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C (ILS-W)	(4);126.18,118.5,122.5
BELMONT FM	(. - -)	FM; 107°, 5.8	San Francisco
EVERGREEN FM	(. . - -)	FM; 123°, 37.5	Oakland
HALF MOON BAY FM	(- - -)	FM; 199°, 11	San Francisco
LEBEC FM	(- -)	FM; 141°, 42	Bakersfield
MOFFETT NAS (Mountain View)	3295	CN(GCA)	(3);126.18, 142.74
MOFFETT NAS (Navy)	323 (NUQ)	BMRLZ; 320°, 1.9	(4);126.18,142.74
NEWARK FM	(- -)	FM; 123°, 16	Oakland
NEWARK	371 (O)	FMHW;123°,16.0	(Cont.) Oakland
OAKLAND	335(OAK)(vhf)	SBRAZ-DTXV	(4);116.1, 122.1
Oakland Airport	278(126.18,118.7)	AC(ILS)(GCA);199°,0.2	(4);126.18,118.7,122.5
PASO ROBLES	(108.7) (OB)	VARW	
POINT MUGU NAMTC	3295(142.74)	CN	3105,6210;142.74 (8-20)
SAN FRANCISCO	227(SFM)111.1)	SBMRLZ-DTV	(3);122.1
San Francisco Airport	269(126.18,118.9)	AC; 291°,3.6	(4);126.18,118.9,122.5
SAN FRANCISCO GAP	358 (F)	MHW;285°,10.0	(Cont.) San Francisco
SANTA BARBARA	(108.3)(OY)	BVAR	(4);116.1,122.1
→ SANTA BARBARA	320(OY)(vhf)	BMRLZ-DTV	(4);116.1,122.1
Santa Barbara Airport	278 (118.7)	C; 74°, 2.2	(4);118.7,126.18,122.5,142.74
SAUSALITO FM			DECOMMISSIONED (6-22)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- ·-- · -- (0.62)	OM- -- (4.71)
					MMK-	OMK-
OAKLAND	109.9	333.8	274°	IM- ····· (0.12)	MM-	OM- -- (2.00)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

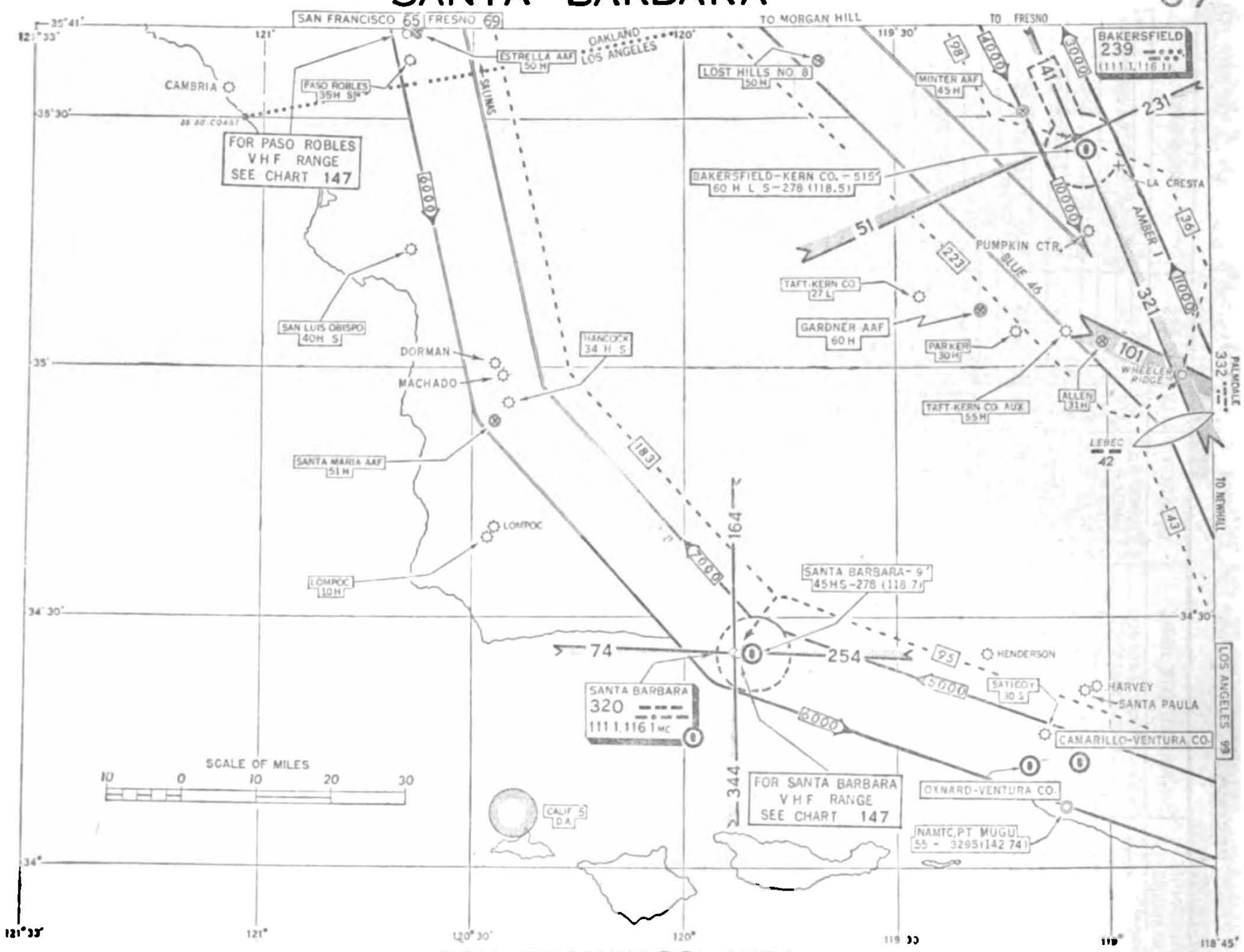
S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

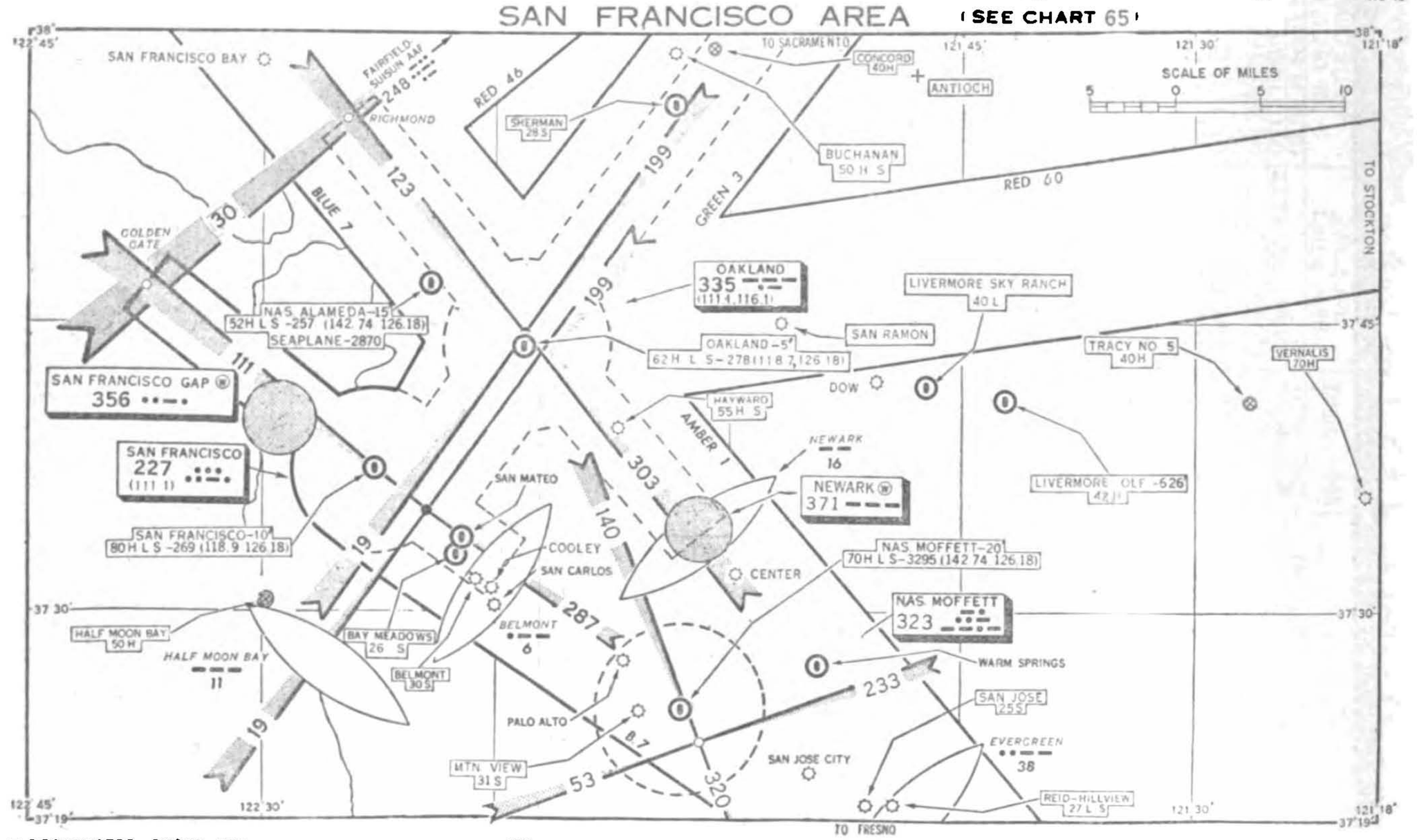
AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Alameda NAS (N)	4.5 WNW;bay S,W	15	52h R1 L5 S6	91,100 oct.No sto. NATS
(A) Allen (Taft)(A)	26 ESE	500	31h	CLOSED
Bay Meadows (San Mateo)	1.7 SE,RR W	6	26 S6	80,91 oct. P-line N.
Belmont	0.5 N,RR W	5	30 S6	80,91 oct.
Cambria	0.9 SSE,hwy E	350	19	Trees W, NW.
Concord	1.9 NE,hwy S	104	40h	CLOSED
Contra Costa Co. (Concord)	See Buchanan,Calif. under "New Arpts"-name changed			
Crawford USFS (Santa Ynez)	4.2 ESE,hwy S	525	13	(NC)
Cuyama USFS (Maricopa)(NC)	16 SSW	2749	26	
(A) Estrella AAF(Paso Robles)(A)	4.5 NE	806	50h	CLOSED
(A) Gardner (Taft) AAF (A)	9 ESE,RR SE	444	60h	CLOSED
(A) Half Moon Bay (A)	5.5 NW;hwy E	36	50h	CLOSED (Lgts prior req.)
Hancock (Santa Maria)	1.2 SE,RR N	236	34h L4 S4	80,91,100 oct.No bcn.Pwrline,twr W.
(P) Hayward	2 WSW,RR W	25	55h L5 S6	80,91 oct.
Henderson (Ojai)	3.5 WSW,RR E	600	16 S1	80 oct.
				prior req.
La Cresta (Bakersfield)	2.5 NE,riv N	660	36h L S6	80,91 oct.Data unver. Flare pots
(N) Livermore OLF	3.7 E,RR N	626	43h	INACTIVE.
(N) Livermore Sky Ranch	2 WNW,hwy E	448	40 L2	
Lompoc	0.6 N,riv N	94	10h	
Lompoc, com.	2.5 N,riv S	200	18 S1	80 oct.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED
(A) Minter (Bakersfield)(A)	13.5 NW,hwy E	425	45h	CLOSED
(N) Moffett NAS (LTA)(Mountain View) (N)	2 NE,hwy S	20	75h R2 (L6) S4	91,100 oct.No sto. NATS NACA.
Mountain View	2.2 NW,RR W	57	28 S2	80 oct.
Oakland Mun.	5 S, hwy 2 NE	5	62h R3 L6 S6	80,91,100 oct. 2-way rdo req.NATS (Hospital)
(P) Oxnard Flight Strip	See Camarillo-Ventura Co. under "New Airports" - name changed.			
Palo Alto	2 ENE,bay E	5	23 S6	80,91 oct.P-line NW,S.
Parker (Taft)	15 SE	550	30h	
Paso Robles	2.7 ESE,hwy W	810	35h S5	80,91,100 oct. (Naval Air Missile
(N) Point Mugu (N)	3.6 NW		55 R1	Twr,hi-line E.CLOSED Test Center
Reid-Hillview (San Jose)	4 E,hwy N	140	27 L3 S6	80,91 oct.No bcn.NW blkd. Data unver.
San Carlos	1 SE,RR SW	2	23 S6	80,91 oct.Poleline NW,SE.
(P) SAN FRANCISCO	9 SSE;bay E	10	80h R2 L5 S6	80,91,100 oct. Rdo rqrd.
San Jose City (San Jose)	2 NW;RR SW	70	40 S6	80,91 oct.P-line SE
(P) San Luis Obispo	2 SSE;hwy E,S	200	40h L5 S4	80,91 oct.No sto.
San Mateo	2.2 ESE;RR E	6	15 S6	80,91 oct.No sto. Hwy W. P-line SE
San Ramon	2.5 SE;Crk W	440	22 S1	80,91 oct. P-line SE
(P) SANTA BARBARA	8.1 W;ocean S	9	45h R2 L5 S6	80,91,100 oct.Twr S.obst lgtd.
(P) Santa Maria	3.5 S,hwy E	258	51h	(No lgts after 10 p.m.
Santa Paula	0.8 S;riv S	240	21 L S6	80 oct.Port.strip lgts prior req.P-line ENE,WSW.
Saticoy	1.5 S;RR NW	80	21 S1	80 oct.Trees NE.
Shafter-Kern Co.(Shafter)(NC)	3.3 SSE;RR adj E	340	20	
Sherman (Walnut Creek)	3 N,RR E	100	28 S4	80 oct.Poles NW,SE.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2(Taft)(NC)	7 ESE	444	26	
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
(P) Tracy,mun	3.5 SSW;hwy NW	190	40h	
Ventura County (Oxnard)	See Oxnard-Ventura Co. under "New Airports" - name changed.			
(N) Vernalis NAAS (N)	2.3 S	207	70h	INACTIVE.
Warm Springs	2.3 SSE,RR W	100	23 S6	80 oct.
NEW AIRPORTS				
Dorman (Santa Maria)	4 N;RR SW	380	23 S1	80 oct.
Cooley (San Carlos)	2.9 NNW;RR W	6	20 S1	80,91 oct. Wire SE.Emerg.use.
Machado (Santa Maria)	2.2 N;RR S	230	22 S4	80 oct. No sto.
San Jose	3.4 E;rd W	125	25 L4 S6	80,91 oct.No bcn.
Antioch	3 S; lake NW		20 S1	80 oct.Pole line W.Data unverified.
(P) BAKERSFIELD-KERN CO	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Buchanan (Concord,Calif.)	1.5 NW;hwy N,S	22	50h L S6	80,91 oct. Port lgts. Lgts prior req. (Calif) (Oxnard)
(P) Camarillo-Ventura Co(Oxnard)	5.5 E;RR S	84	50h	
OXNARD-VENTURA CO (Calif)	1 W;hwy E	44	46h L S6	80,91 oct.Port rnwy lgts prior req.
San Francisco Bay (San Rafael,Calif.)	1.5 ESE;RR SW	2	19 S1	80 oct.hill SW.
Center(Centerville,Calif.)	2.1 SSE	52	26 S6	80 oct.Wire WNW
Harvey Fld (Santa Paula,Calif.)	1.7 E;riv S	290	26 S1	80 oct.Trees E,W.
Dow (Livermore,Calif)	4 WNW;riv S	350	28 S1	80 oct.N blocked,hill NE.
Pumpkin Center Arpk (Bakersfield,Calif)	7 S;hwy S	350	20 S6	80 oct.P-lines SSE.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII)NC-(not charted). → New or revised data

SANTA BARBARA



SAN FRANCISCO AREA (SEE CHART 65)



● DESIGNATED RADIO FIX

Q NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES OR SIDES OF RADIUS
LEGS INDICATE "R" QUADRANTS.

AIRPORTS LESS THAN 2500 FT. OR LONGER, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS OR AIRPORT SIGN.

R. EXTREMELY HAZARDOUS

O: USABLE WITH CAUTION

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
ARMITAGE OLF (Inyokern)	3295 (142.74)	CN	(3);126.18,142.74 (days)
BAKERSFIELD (Kern County)	239(BD)(vhf)	SBMRAZ-DTV;141°,1.5	(3);116.1,122.1
Bakersfield Kern Co.	278 (118.5)	C(ILS-W)	(4); 126.18,118.5,122.5
CASTLE FIELD (Merced)	396 (126.18)	CA	(3); 126.18
→ DONNER SUMMIT	385(DS)(vhf)	BMRL-DTV	(4);116.1,122.1
FRESNO (Fresno-Chandler)	344(FT)(116.1)	SBRAZ-DTV;23°,0.9	(4);116.1
INYOKERN FM (Navy)	(-)	FM,254°,6.7	Inyokern
TRONA			DECOMMISSIONED
NEVADA			
FALLON	230 (VA)	SRAWZ; 219°, 2.9	
GABBS (Int.)			DECOMMISSIONED
HUBBARD FLD (Reno)	278	CI	(4) (8-16 Mon.,Tues,Thurs,Fri; 5-20 Wed,Sat,Sun.)
RENO (Hubbard)	254 (RP)(116.1)	SBRAZ-DTV,161°,3.3	(4); 116.1
TONOPAH (AAF)	221 (RY)+	SRAWZ;168°,2.6	
WADSWORTH FM	(-)	FM, 48°, 27	Reno.
NEW RADIO FACILITIES			
INYOKERN(Armitage)(Cal.)	323(NID)	MRLWZ;169°,4.1	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BAKERSFIELD KERN CO.	109.9	333.8	300°	IM-	MM- ·— ·— (0.62)	OM- — — (4.71)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 31175 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. +—Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

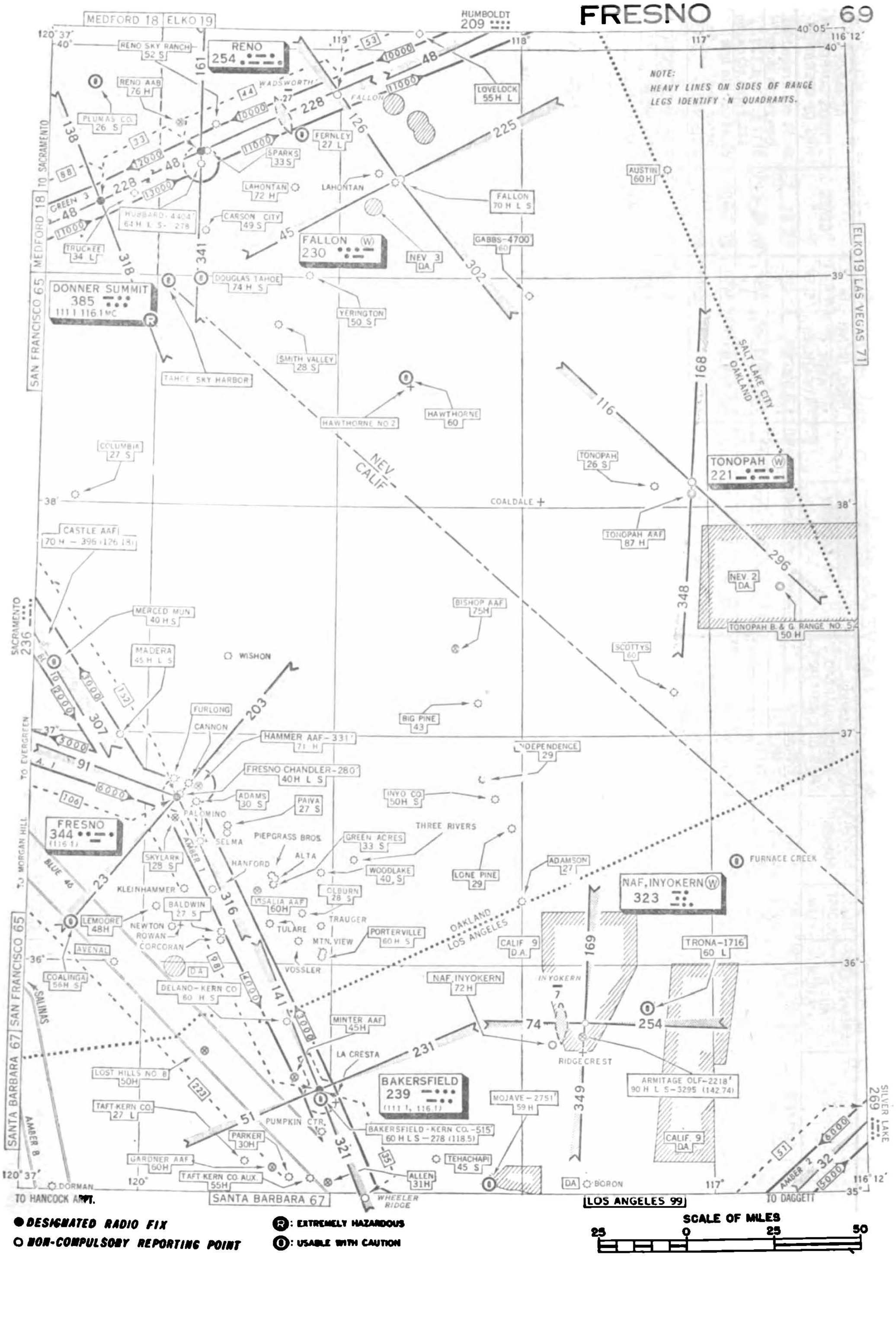
AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Adams (Fresno)	4 SE;RR S,W	295	30 L S6	80,91 oct. No sto. Pole line NNW, SSE. Port rnwy lgts.
Adamson (Olancha)	0.6 SE;hwy W	3648	27	30' poles W; 75' twr E.
Allen (Taft)	26 ESE	500	31h	
(N) Armitage OLF (Inyokern)(N)	8 ENE	2218	90h R2 L5 S1	91,100 oct. CLOSED
(P) BAKERSFIELD-KERN CO. (Bakersfield)	4.4 NNW;RR W	515	60h R3 L5 S6	80,91,100 oct.
Big Pine	3.4 ESE;RR W	4000	43	1500' mts SE; 1000' mts E.
(P) Bishop	2 ENE;riv E	4121	75h	
Boston Land Co.(Westhaven)	1.7 SSW;hwy N			ABANDONED.
Bryant (Bridgeport) (NC)	0.3 NNE;hwy SW	6465	40	
Cannon (Fresno)	2 N; RR W	310	19 S6	80 oct. Pole line NNW.
(A) Castle (Merced) (A)	7 NW;RR SW	185	70h R1 L5 S6	91,100 oct. JP-1.
Coalinga	1.5 N;hwy E	664	56h S4	80,91 oct.Hill N,W.
Colburn (Lindsey)	4.7 W;RR E	325	28 S4	73, 91 oct.
Columbia (Sonora)	4 NNW;hwy E	2150	27 S6	73,80 oct.
Corcoran	1.3 WNW;hwy S	200	37 S4	80,91 oct.Pwr line NE,SE,SW,NW.
Cornell (Porterville) (NC)	2.4 SSW;RR E			ABANDONED.
Death Valley (Furnace Creek)	See Furnace Creek under "New Airports" - name changed.			
Defense Plant Corp.(Tulare)	6 SE;RR W	283	23	(NC)
(P) Delano-Kern Co(Delano)	1.5 SE;RR W	315	60h S1	80,91 oct.
FRESNO-CHANDLER(Fresno)	1.8 W;hwy N	280	40h R1 L5 S6	73,80,91 oct.No sto.
Furlong (Fresno)	5.5 NW;RR W	285	33 S6	80,91 oct.
(A) Gardner (Taft) AAF (A)	9 ESE;RR SE	444	60h	CLOSED.
Great Western (Reedley)(NC)	5 N;RR W	380	20	
Green Acres (Visalia)	1.5 NW;RR S	300	28 S6	80,91 oct.P-line NW.Trees SE.
(P) Hammer (Fresno)	4.8 NE;rds N,E	331	71h	
Hanford	1.2 SE;hwy W	246	21 S6	80,91 oct.
Harvey (Corcoran)	See Baldwin under "New Airports" - name changed.			
Independence	0.9 N;hwy W	3926	29	Trees S.
(P) Inyo County (Manzanar)	0.5 E;hwy W	3775	50h L5 S2	80 oct. All lgts prior req.
(N) Inyokern NAF (N)	0.5 WNW;RR E	2455	72h S4	NATS
NEW AIRPORTS				
Furnace Creek (Calif.)	0.5 N	-178	34 S2	80,91 oct.
Mountain View (Porterville,Calif)	1.7 WSW;riv 1 N	435	26 S4	80 oct.P-line E.
Pumpkin Ctr Arpk (Bakersfield)	7 S;hwy S	350	20 S6	80 oct.P-lines SSE.(Calif)

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Kleinhammer (Lemoore)	1.2 N;hwys S	225	16 S6	80 oct. Req.
La Cresta (Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver.Flare pots prior
(P) Lemoore	9 SW;RR NW	247	33h	Emerg only.
Lone Pine	0.8 SE;RR E	3700	29	Hazardous.
(A) Lost Hills #8 (A)	0.2 NE	285	50h	CLOSED.
Madera	3.5 WNW;hwy E	271	45h L5 S4	80,100 oct. Lgts prior req.
Mariposa (NC)	4.5 NW;hwy SW	2250	21	
(P) MERCED MUN.	1.6 WSW;RR NE	152	40h L5 S6	80,91 oct. Lgts prior req.
Merced #1	2.5 NW;RR SW			ABANDONED
(A) Minter (Bakersfield) (A)	13.5 NW;hwy E	425	45h	CLOSED.
(N) Mojave NAS (N)	0.7 E;hwy W	2751	59h	CLOSED.
Monache Meadow (Olancha)	10.8 WSW	8000	25	USFS (NC)
Newton (Stratford)	2.7 SSW;hwy NW	194	22 S6	80,91 oct. P-line NNW.
Paiva Intercity (Parlier)	1.5 WSW;RR NE	330	27 S4	80 oct. Poles ESE
Parker (Taft)	15 SE	550	30h	
Piepgrass Brothers (Visalia)	3.7 NNW;riv S	320	20 S6	80 oct.
(P) Porterville	3 SW;RR E	430	60h S1	91 oct.
Randsburg (NC)	1.8 NE;rd SE	3500	20	Poles W.
Sequoia (Visalia) (NC)	8.5 NNW;RR E	310	23	
Shafter-Kern Co.(Shafter)(NC)	2.3 SSE;RR adj E	340	20	
Skylark (Fresno)	8.5 SSW;RR SW	255	28	CLOSED.
Taft-Kern County (Taft)	0.6 E;hwy N	875	27 L3	
Taft-Kern County #2 (Taft)	7 ESE	444	26	(NC)
Taft-Kern Co. Aux. (Taft)	21 SE	444	55h	
Tehachapi	1 N;RR S	3952	45 L S2	73,91 oct. Pole line SE.
Templeton Meadow (Olancha)	12 W	8800	20	S and W blocked. USFS (NC)
Trona	5 NE;rd W	1716	60 L3	Fld sur by mtns.
★ Truckee Int, 16B, SF-SL	3.6 ENE;RR S	5820	34 L3	Snow Dec. - April.
Tulare	2.9 SSE;RR W	300	20 L S6	80,91 oct. No sto.Port rnwy lgts.
Tunnel (Olancha) USFS (NC)	16.5 WNW;riv S	9100	18	Mtns - timber 2000' NE.Closed to Public
(P) VISALIA	.5 W; RR W	292	60h	
Vossler (Woodville)	1.3 E;hwy S	345	25	Trees N, S Cln-cattle on fld.
→ Wishon (Bass Lake) USFS	1.5 WNW	3380	22 S1	80 oct. Trees NNW.
Woodlake	2.6 ESE;lake NW	450	40 S4	80 oct. No sto.
NEVADA				
Austin OLF	7 WSW;riv NW	5730	60h	
Carson City	3.1 NE;hwy W	4684	49 S6	80 oct. Mtns N, hill W.
(P) Douglas-Tahoe (Minden)	2.8 NNE;RR W	4709	74h L5 S6	80,91 oct.
★ Fernley Int, 22, SF-SL	3.3 E;hwy NW	4156	27 L2	
(N) Fallon	6 SE;hwy S	3931	70h L5 S4	80,91 oct.
★ Gabbs Int, 36, RV-ND	4 NW;hwy E	4700	60	
(N) Hawthorne (N)	2 N;lake NNW	4200	60 L	Emerg. lgtg on 1/2 hr req.
HUBBARD (Reno)	3.4 SE;RR N	4404	84h R2 L5 S4	80,91,100 oct.
Lahontan (Fallon)	1.4SSW;hwy W	3980	24 S4	80 oct. Poles ENE,WSW.Hwy W
(P) Lahontan Flight Strip(Fernley)	15.5 S;hwy N	4279	72h	
Lovelock, Site 26, SF-SL	9 SSW;RR NW	3906	55h L5	
Manhattan (NC)	6.8 W;hwy W	5850	44	
(A) Reno AAB (A)	10.5 NNW;RR SW	5046	76h	Mtns sur fld. CLOSED.
Reno Sky Ranch (Sparks)	8.5 NNE;hwy W	4528	52 S4	73,80,91 oct. Flare pots on prior req.
★ Scottys Int, 22, RV-ND	9 SSE Gold Pt.	4300	60	
Smith Valley	1 ESE;hwy N	4850	28 S6	73, 80 oct.
Sparks Airpark	0.6 N;RR S	4400	33 S6	80,91 oct. Pole line W.
Tahoe Sky Harbor (Zepher Cove)	3.5 S;lk W	6230	42 S1	80 oct. E blk.
Tonopah	3.2 WNW;RR S	5600	26 S1	73 oct. by truck
(A) Tonopah AAF (A)	8 E;hwy N	5426	87h	TMP INAC NO FACS.
(A) Tonopah B & G Range #5 (A)	44.5 SE	5335	50h	Dry lakes N.
Yerington	1.2 N;hwy S.	4483	50 S1	73 oct.
NEW AIRPORTS				
Hawthorne No. 2, (Nev.)	NE city limits	4200	27 S1	80 oct.Hi-line S.Data unver.
Alta (Dinuba,Calif.)	4.3 E;RR S	360	23 S6	80 oct.P-line SE.
Selma (Calif.)	2.6 E;rd N	315	25 S4	80 oct.No sto.P-line NW
Palomino (Selma,Calif.)	6.5 WSW;RR W	267	18 S2	80 oct.Fence,trees W.
Baldwin (Corcoran,Calif)	2.7 NNW;RR W	200	27	
Three Rivers (Calif.)	2.2 NNE;riv W	850	20	Trees SE,hill NW.
Avenal (Calif)	0.3 W;hwy NE	790	32 S2	80 oct.Poles E.
Trauger (Strathmore,Calif)	1.1 NNE;RR E	425	20h S4	80 oct.
Rowan (Stratford,Calif)	1.5 SE	198		Data unver.
Coaldale (Nev.)	0.5 S;hwy jct.	4646	30 S2	80,91 oct.Data unver.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII INC-(not charted). → NEW OR REVISED DATA



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

(R): EXTREMELY HAZARDOUS

(D): USABLE WITH CAUTION

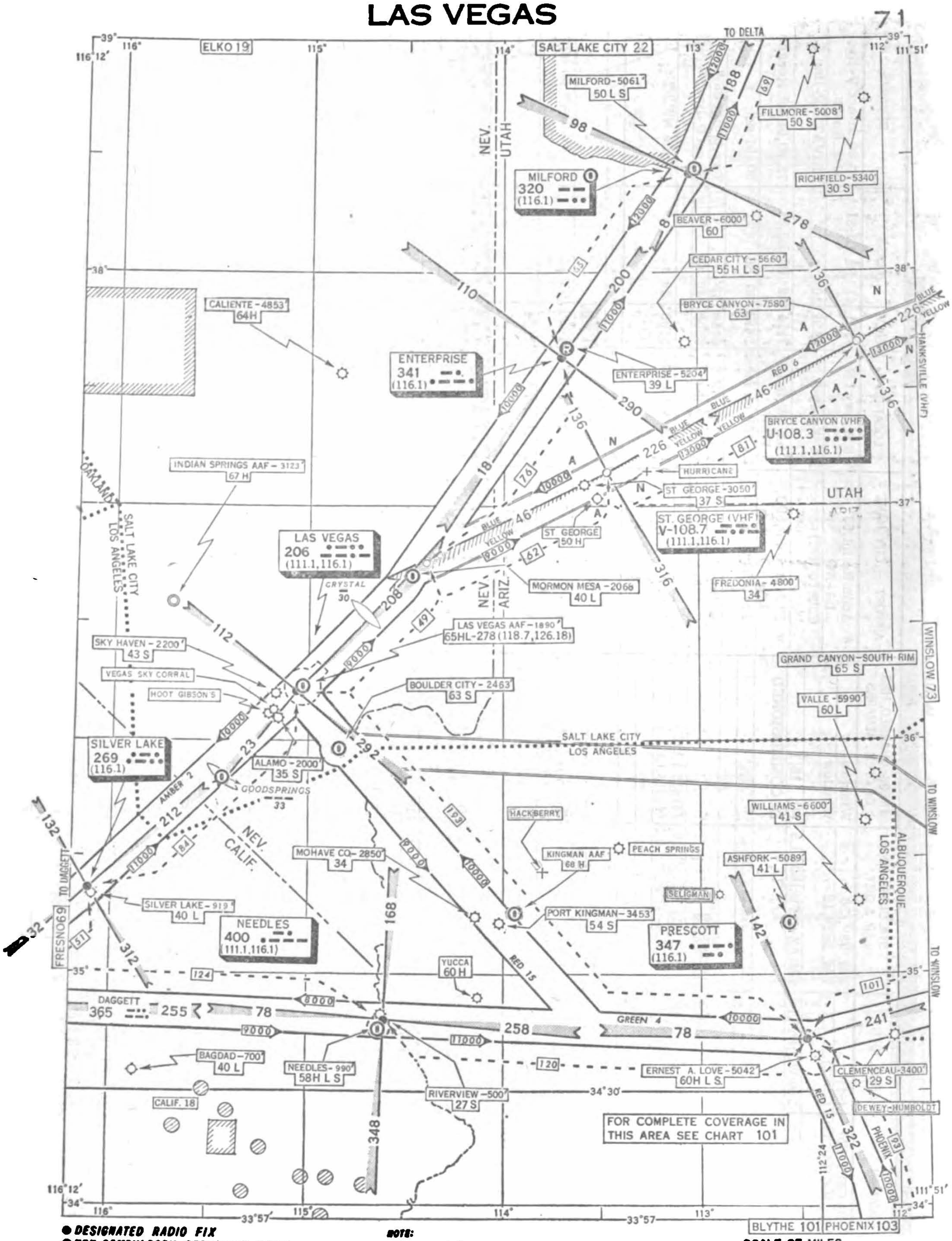
FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Alamo (Las Vegas, Nev)	5.5 SSW;RR SW	2000	50 S4	73,80,91 oct.
* Ashfork Int,36A, LA-AQ	4.3 W;RR S	5089	41 L2	(Ariz)
Bagdad Int,16,LA-AQ	1 S;RR N	700	40 L3	(Calif)
Beaver (Utah)	3.2 SSW;hwy E	6000	63	Hills SE.
[Boulder City] (Nev)	1.8 SW;RR W	2463	63 L1 S4	80,73 oct.by truck; 91 oct. for airlines.
BRYCE CANYON Range (Int) (Utah)	108.3(BV)(vhf)	35°,0.8	BVAR-DPTV	3117.5;122.1,116.1, 129.7 cont.; 4495, 6210 on req.
* Bryce Canyon Int,45, LA-DV (Utah)	5 N;hwy S	7580	63 L3 S2	No fuel.
Caliente Flight Strip (Nev)	19 W;hwy N	4853	64h	
[Cedar City] (Utah)	2.3 NW;hwy W	5660	55h L2 S6	80,91 oct.
(P) Clemenceau (Cottonwood, Ariz)	1.7 SSW;hwy NE;RR bed N	3400	27 L1 S6	80 oct.Smokestack 4000' SE.Sur by mtns
Dewey-Humboldt (Ariz)	1 E	4265	29	
ENTERPRISE Range (Int) (Utah)	341(NP)(116.1)	20°,3.1	SBMRAZ-DTV	(4); 116.1 (Utah)
* Enterprise Int,39,LA-SL (Utah)	8 NNE;hwy 1 N	5204	39 L3	Soft when wet. Unsafe for lgt acft.
(P) Ernest A. Love (Prescott, Ariz)	8 NE;RR E	5042	60h L5 S6	80,91,100 oct.
Fillmore (Utah)	2 WSW;hwy SE	5008	50 S2	80 oct.
(P) Fredonia (Ariz)	1 NE;hwy W	4800	34	
Grand Canyon-South Rim (Grand Canyon, Ariz)	14.3 S;hwy 2 W	6362	53 S2	80 oct. Trees SW.
Hackberry (Ariz)	6.4 NW		60h	Data unver.
Hoot Gibson's DC4 Ranch (Las Vegas, Nev)	5.5 SW;RR E	2200	24	Mtns WSW,ENE,E.
Hurricane (Utah)	2 S	3400	25	Obsts E. Data unver.
(A) Indian Springs (Nev) (A)	2 WNW	3123	67h	CLOSED.
(A) Kingman AAF (Ariz)(A)	8.5 NE;hwy NW	3446	68h	CLOSED.
LAS VEGAS Range (Nev)	206(LQ)(vhf)	34°,1.9	SBMRAZ-DTV	(3); 116.1, 122.1
(A) [Las Vegas] (Nev)	7.8 NE;hwy NW	1890	65h L6 S1	100 oct. ARMY TEMP INACT.
→ MILFORD Range (Utah)	320(MD)(116.1)	20°,1.0	BMRLZ-DTV	(4); 116.1
Milford,45,LA-SL (Utah)	2.3 NNW;hwy E	5061	37 L3 S2	80 oct.
Mohave Co.(Kingman,Ariz)	6.5 NW;hwy E	2850	37	Not maintained.
* Mormon Mesa Int,31B,LA-SL (Nev)	6 ENE of Glendale	2068	40 L3	
NEEDLES Range (Calif)	400(NJ)(vhf)	195°, 2.2	BMRLZ-DTV	(4); 116.1, 122.1
Needles (Calif)	1 S;RR N	700	40 L3	
Pahranagat (Alamo, Nev)	0.7 W;hwy E	4300	26	(NC)
Peach Springs (Ariz)	1.2 N;hwy SE	4825	23	P-line ESE,SW.
Port Kingman (Kingman, Ariz)	3 NE;RR S,E	3453	54 L3 S6	80,91 oct.All lgts prior req.S blkd.
PRESCOTT Range (Love) (Ariz)	347(PN)(116.1)	142°, 5.5	SBRAZ-DTV	(4); 116.1
Richfield (Utah)	1.8 SSW;RR E	5340	31 S6	80 oct. P-line SE,NW
Riverview (Needles, Calif)	1.4 S;riv N	500	27 S1	80,91 oct.Trees NNE Rnwy data unver.
ST.GEORGE Range (Utah)	108.7(GX)(vhf)	229°, 7.8	BVAR-DPV	3117 5: 116.1,129.7 122.1 cont.(3) on req
St. George (Utah)	1.5 SSW;riv SSE	3050	37 L3 S6	80,91 oct.Fld lgts prior req.
* St. George Int,36,LA-DV (Utah)	6 SE	2887	50h	Hills NNE.
Searchlight Landing Strip	10.8 SSE;hwy E	2536	40	(Nev) (NC)
Seligman (Ariz)	2 NW;RR S	5300	54	Tree WNW.
SILVER LAKE Range (Int) (Calif)	269(RL)(116.1)	132°, 1.9	SBMRAZ-DTV	(4); 116.1
* Silver Lake Int,18,LA-SL	2.5 SSE;RR E	919	40 L3	(Calif)
Sky Haven (Las Vegas,Nev)	3.3 NW;hwy W	2200	43 S4	80,91 oct.
(P) Valie (Ariz)	2.3 E;hwy E	5990	61 L3	Lts prior req.Soft when wet.
Wickenburg (Ariz)	3 NW;hwy W	2300	32	
Williams (Ariz)	4.3 N;RR E	6600	39 S6	80,91 oct.Mtns SW.
(P) Yucca (Ariz)	1.5 NE;RR W	2030	60h	

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. ✢ – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) * – Guarded only when associated tower inoperative.

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

LAS VEGAS

71



● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

SCALE OF MILES
25 0 25 50

BLYTHE 101 PHOENIX 103

RADIO

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
JOSEPH CITY FM	(-)	FM, 75°, 20	Winslow
METEOR CRATER FM	(- - -)	FM, 243°,18	Winslow
WINSLOW	266(WO)(116.1)	SBRAZ-DTV:160°,1.5	(4), 116.1
Winslow Airport			DECOMMISSIONED
NEW MEXICO			
ACOMITA (Int.)	371(AK)(116.1)	BMLZ-DTV,254°,1.9	(4);116.1,122.1
EL MORRO (Int.)	353(EM)(116.1)	BMRLZ-DTV,78°.0.1	(4);116.1,122.1
UTAH			
HANKSVILLE Int	109.1(HY)(vhf) (116.1)	BVAR-DPV;314°,2.8	(3) on req,3117.5;116 1, 129.7,122.1

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker. (3) 3105, 4495, 6210 kcs. (4) 3105, 4495, 6210, 3117.5 kcs
Parenthetical Numbers in Frequency Column Indicate VHF Voice + - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs

AIRPORTS

ARIZONA

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Cameron (NC)	1.8 NE;riv 1 S	4200	40 S1	80 oct Rough.Not maintained.
★ Deep Lake Int,54A, LA-AQ	0.5 W	6070	35 L3	Poles S. Emerg. only.
Holbrook	2.2 NNE;RR SE	5200	43 S3	80 oct.
★ " Int,50,LA-AQ	6.6 ENE;hwy N	5250	43 L5	no flood lgts
Koch (Flagstaff)	9.8 NE;hwy S	6587	60 S6	80 oct.
Saunders, Harry A. (St. Johns)	See St.John under "New Airports" - name changed.			
Window Rock(NC) (St.Michaels)	2 ESE	6800	52	NE appch hazardous
(P) WINSLOW	2 SW;RR N	4937	75h R1 L5 S4	80,91 oct.No flood lgts.

COLORADO

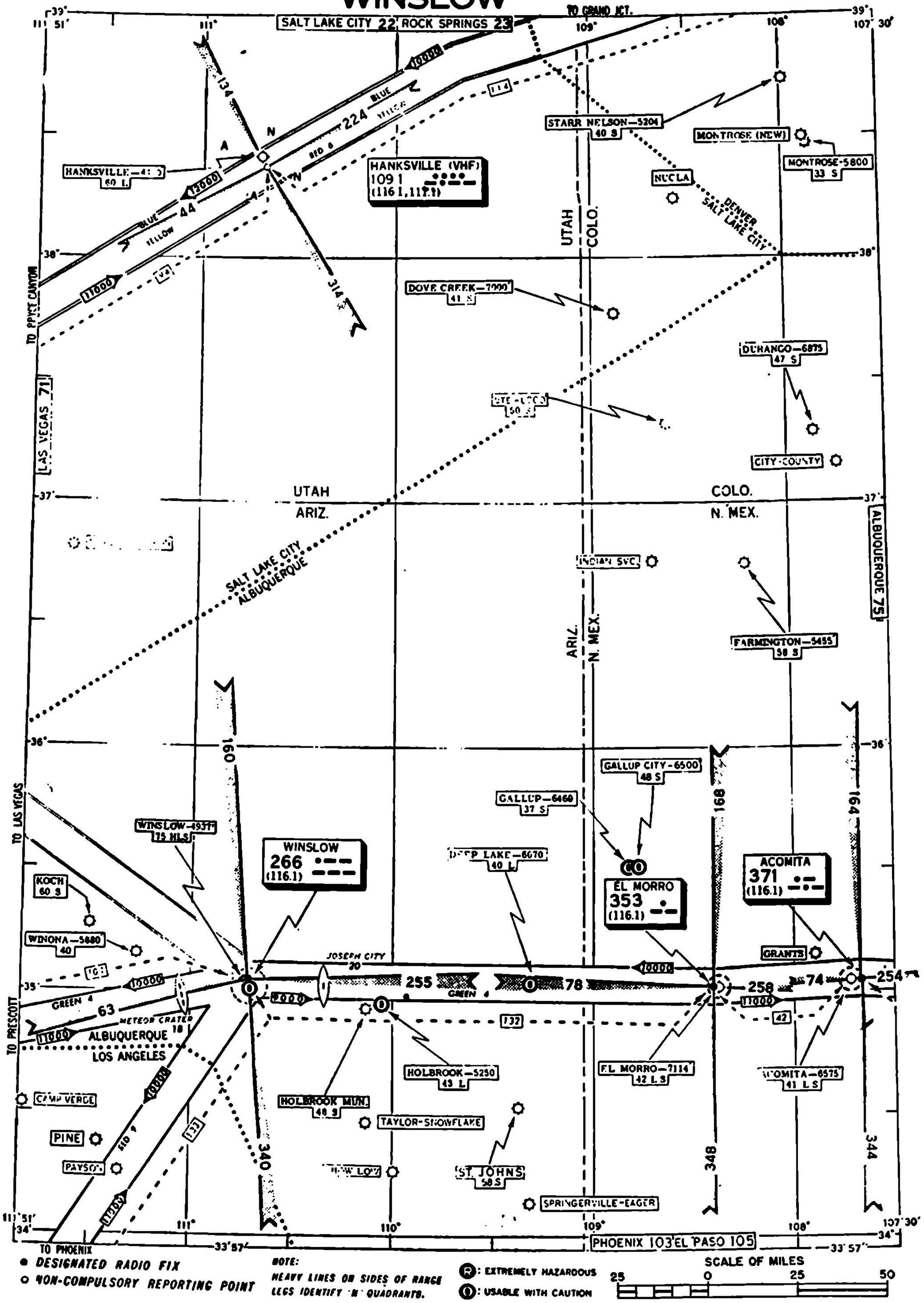
(P) Cortez	See Ute under "New Airports" - name changed.			
Dove Creek	0.6 E;hwy S	7000	41 S2	80 oct. P-line SW.
(P) Durango	1.5 NE	6875	47 S2	80 oct. Mtn E
Mancos (NC)	1.4 NNE;RR 1 S	7500	30	Cattle on fld.
Montrose	1.3 S,RR NE	5800	33 S4	80 oct. CLOSED.
(P) Starr Nelson(Delta)	4 E;road N	5200	40 S4	80 oct.

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page IX) (NC) Not charted. → NEW OR REVISED DATA.

NEW MEXICO

AIRPORT – CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
★ Acomita Int,63, LA-AQ	7.8 W;hwy 1 N	6575	41 R1 L3 S1	73,80,91 oct.P-line NNE.Rough.
Cubero (NC)	2.4 W;hwy S	6192	30	PRIVATE.P-line S.
★ El Morro Int,59B, LA-AQ	4.5 WSW;lk 1 WSW	7114	42 R1 L3 S1	73,80,91 oct. Rough.
Farmington	1.4 NW on mesa	5495	80 S6	80, 91 oct.
Gallup	4 W;hwy;RR S	6460	37	Twr,p-line SSW.
Gallup City	2.6 WSW;RR N	6500	48 S6	80 oct P-line SW,WSW, NW,SE.
Indian Service (Shiprock) (NC)	1.6 SSW;hwy W	5100	29	P-line NW,SW
UTAH				
★ Hanksville Int,54, LA-DV	3.5 NNE;riv S	4480	63 L3	Ngt landings on lgtd E/W strip only.
Monument Valley (Goulding Trading Post) (NC)	0.5 N hwy E	5284	30	
NEW AIRPORTS				
Montrose (new)(Colo)	1.5 NNW;hwy S	5780	58 S6	80,91 oct.P-lines ESE,SE
Nucla, (Colo.)	2.3 SSW;riv S	5910	36	
Aztec, (N.M.) (NC)	2.2 NW on mesa	5700	28	Emerg only.
CITY-CO. (Durango, Colo.)	10.6 SSE;riv NW	6660	54 S1	91 oct.
Show Low,(Ariz.)	2 ENE;hwy S	6400	45 S4	80,91 oct.
Marble Canyon (Cameron,Ariz)	66 NNW;riv E	3580	37 S4	80 oct.NE appch hazardous.
Camp Verde (Ariz)	1.6 SSE;rd N	3100	42	Emerg. use only.
Payson (Ariz)	2 NNW;cyn N	5077	31	Trees E.Soft when wet.
(P)Ute (Cortez,Colo)	3.1 SW;hwy E	5915	54 S6	80 oct.Mtn W,E.
Taylor-Snowflake (Taylor,Ariz)	2 W;rd N	5640	26 S2	80 oct.Poles SSE,NNW.
Grants Landing Strip (N.M.)	2.3 W;RR 1 NE	6600	28	Loose sand in spots.
Winona (Ariz)	8.9 ESE;hwy N	5880	40	
Springerville-Eager	1.5 W	7000	37 S1	80 oct.
Pine (Ariz) (Ariz)	0.8 S;crk NE	5500	25	Trees block N.
St.Johns (Ariz)	1.1 NNW;hwy S	5560	58 S6	80 oct.P-line SE;fence sur fld

WINSLOW



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "R" QUADRANTS.

(R): EXTREMELY HAZARDOUS

(I): USABLE WITH CAUTION

ALBUQUERQUE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS, FREQS. GUARDED, HRS. OF OPERATION
* Adrian Int,92B,LA-AQ	4.2 SSE;RR N	4136	37 L3	(Texas)
Alameda (Albuquerque)	7.4 N;RR E	5400	37	(N.M.)
Alamosa (Colo)	2 S;hwy W	7550	58 L3 S4	80 oct.Fld lgts prior
ALBUQUERQUE Range (Kirtland)(N.M.)	230(AB)(vhf)	354°,3.1	SBRAZ-DTV	(3);116.1,122.1 req.
Albuquerque (N.M)	6.3 ESE;hwy N	5429	62	RFC surplus acft fld.
AMARILLO Range (Tex) (English)	251(AQ)(vhf)	77°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Amarillo (Tex)	6 ENE; hwy S	3610	52 S6	80,91 oct.P-line sur fld.
* Anton Chico Int,78A,LA-AQ	4.5 SE;hwy E	5281	43 L3	(N.M)
Art Goebel (Belen,N.M.)	3.2 W;RR E	5100	39 S1	80,91 oct.
Belen Air Strip (N.M.)	2.7N; RR E	5000	30 S1	73 oct.
Bobcat (Dimmit,Tex)	1.5 E;RR W	3850	33 S2	73 oct.
Boise City (Okla)	3 N;hwy W	4200	33	
Clayton (N.M.)	1.5 E; RR N	5006	42 S4	73 oct. P-line N,W
Claude (Tex)	1.2 WNW;RR N	3410	32 S1	80 oct.P-line N,SE,S,W,NW.
Clover (Hereford, Tex)	2.2 NNE;hwy S	3800	28 S2	73 oct.P-line N,E,SE.
➸CLOVIS Army Range (N.M.)				DECOMMISSIONED
CLOVIS H Fac. (N.M.)				DECOMMISSIONED
➸CLOVIS AAF Tower (N.M.)	396 (126.18)		CA	DECOMMISSIONED
(A) Clovis AAF (N.M.)(A)	6.5 W;RR N	4300	100h	TMP INACT.NO FACS.
Clovis (N.M.)	0.8 NW;RR S	4247	26	
Cochran Co.(Morton,Tex)	1.5 E;rd W	3750	30	P-line E,S.
Costilla Co.(Mesita,Colo)	4 E;RR W	7750	75	
Creede (Colo)	2 SSE;hwy NW	8800	50 S2	No fuel.Rough off strips
(P) Crews,42,EO-PU (Raton)	11.5 SSW;hwy W	6379	60h L2	(N.M.) Data unver
* Cuero Int,81B,LA-AQ(N.M)	5 N	4734	40 L3	Poles W,lgtd
Cutter-Carr #2 (Albuquerque, N.M.)	3.6 NE;RR W	5120	46	P-line ENE.
Dalhart (Tex)	6.2 SSE;RR E			ABANDONED
Dalhart Mun. (Tex)	3.8 SSW;RR N	3989	49h	
(A) Dalhart #1 (Tex) (A)	9.7 WSW;RR E	4096	81h	CLOSED-NOT MAINT.
(A) Dalhart #2 (Tex) (A)	5.5 NE;hwy NW	3974	80h	CLOSED-NOT MAINT
(P) Dumas (Tex)	0.7 S;hwy W	3649	30 L S2	73 oct.Poles N.Flood
Eagle Nest Landing Strip (N.M.)	1 NE	8450	40	11,000'mts NE. lgts. Use in emerg.
ENGLISH Tower (Tex)	278 (118.5, 126.18)		AC (ILS)	(4); 126.18,118.5, 122.5
(A) [English](Amarillo,Tex)	9 ENE;RR N	3604	50h L6 S2	80, 91 oct.;100 oct. Army.P-line N,NW.
(P) Ft. Sumner (N.M.)	1.5 NE;RR S	4166	60h S6	80 oct
Ft. Sumner #5 (N.M.)	16 ENE	4830	60h	
Graham-Bell (Albuqu'que)	4.5 ENE	5400	27 S6	73,91 oct. (N.M.)
Griffin (Walsh, Colo)	0.7N;RR S	3950	34 S6	80 oct.Poles S,N.
Gruver (Tex)	0.7 WNW;RR E	3200	40 S1	80 oct.P-line W,E,SE,
(P) Guymon (new)(Okla)	3 SW;hwy N	3140	34 S6	80 oct.P-line N, SW, E
Guymon (Okla)	0.7 S;RR W	3130	21	CLOSED.
(P) Hale Co.(Plainview,Tex)	1.6 S;hwy E	3370	37 S6	80, 91 oct.
Harnagel (Borger,Tex)	2.5 SSW;RR N	3140	25 S2	80 oct.Use strips.RR E
Hillcrest (Clovis, N.M.)	2.1 E;RR S	4244	36 S4	73 oct.No sto.P-line S.
Holbrook's (Cuervo,N.M.)	0.8 NE;RR S	4810	19	300' mtn SE.P-line SSE.
Ira Benger (Friona,Tex)	1.8 NE;RR S	4000	28 S2	73 oct.
NEW FACILITIES				
Longhorn(Moralrty,N.M)	8.3 ENE;hwy N	6312	33	P-line N
Estancia (N.M)	1.5 NNW;RR 0.5 E	6100	36	Ctn-cattle on fld.P-line NE,E

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Johnson (Kans)	0.5 N;hwy W	3330	28 S6	80 oct.P-line N,NW,NE,
Kerrick (Tex)	1.5 N;RR SW	3850	19 S1	80 oct.P-line SW. S.
KIRTLAND Tower (N.M.)	278 (126.18, 118.7)+		AC (ILS)	(4); 126.18, 118.7, 122.5
(A) [Kirtland](Albuquerque, N.M.) (A)	3.8 SSE;rd N	5330	102h L6 S6	87,91,100 oct.
(A) La Junta AAF (Colo) (A)	4.4 NNE;rd W	4238	80h	CLOSED
La Junta Bridges (Colo)	See Bridges Arpt under "New Facilities"-name changed			
(P) Lamar,10,PU-WD (Colo)	3.7 WSW;RR N	3673	42 L2 S4	80 oct.canal N
Las Animas (Colo)	1.4 S;hwy 1 N	3900	31 S4	80 oct. P-line W,NW.
LAS VEGAS Range (N.M.)	359(VH)(116.1)	8°, 3.2	SBMRAZ-DTV	(4);116.1,122.1
[Las Vegas] (N.M.)	6 NE;RR 2 W	6857	64h L5 S6	80, 91 oct.Rnwy lgts on req Use strips only
Maxwell (N.M.)	1.7 N;hwy E	6000	36	
[Monte Vista,Colo.]	3.5 W;hwy N	7710	55 S6	80 oct. P-line NE.
Mountainair (N.M.)	1.1 NNE;RR S	6600	28	P-line N Horses on fld.
Muleshoe (Tex)	1 ENE;hwy N	3800	42 S1	73 oct.
Municipal (Spearman,Tex)	0.8 NW;RR SE	3104	30	P-line SW.
OTTO Range (N.M.)	290(OT)(116.1)	74°,0.2	BMRLZ-DTV	(4);116,1,122.1
* Otto Int,74,LA-AQ (N.M.)	5.8 NE Moriarty	6226	41 L3 S1	Ltd 100 oct.
Puckett's com.(Lakin,Kans)	3.5 S;riv N,NW	3050	26 S1	Ltd 80 oct.Trees N
Reynolds (Rocky Ford)	3.5 SSW;hwy S	4250	21	P-line NE,E. (Colo)
Romer (Holly, Colo)	1.5 SSE;riv N	3360	30 S2	Ltd 80 oct.P-line SW,NW,W.
Roy (N.M.)	1.5 N;RR W	5900	26	PRIVATE. Post NE.
SANTA FE H Fac. (N.M.)	206(SJ)(116.1)		MHTV	(4);116.1,122.1
[Santa Fe] (new)(N.M.)	9.8 WSW ;hwy E	6308	63h L5 S1	91 oct.airlines.FEE. Rnwy lgts on req.
➸ Santa Fe (old)(N.M.)	6.3 SW;hwy E	6550	45h S6	80,91 oct.P-line NE,SE
Sky Court (Albuquerque)	5.6 ENE;hwy S	5400	30 S6	73 oct.No sto. (N.M.)
Springfield,Com.(Colo)	3.8 N;hwy W	4350	34	Poles NW,W,SW.
Stinnett (Tex)	0.6 NNE;RR E		30	Data unver
Syracuse (Kans)	1 N;riv S	3320	36 S2	80 oct.P-line S,SE.
* Syracuse Int,16,PU-WD	3.7 NNE;hwy W	3410	46 L3	(Kans.)
Taos (N.M.)	1.7 SSW;hwy W	6956	29	Poles ENE,WSW,WNW
Texhoma (Tex)	1 SSW;RR N	3460	30 S2	73,91 oct.P-line N.
Tradewind (Amarillo,Tex)	2.5 S;RR NW	3636	32 S6	80,91 oct. P-line SW.
TRINIDAD Range (Colo)	329(TD)(vhf)	170°,3.0	SBMRAZ-DTV	(4);116.1,122.1
Trinidad (Colo)	10.5 ENE	5756	34h L1 S4	80 oct.Use rnwys only
TUCUMCARI Range (N.M.)	212(TC)(116.1)	76°,2.2	SBMRAZ-DTV	(4);116.1,122.1 Hwy E.
Tucumcari (N.M.)	7 E;hwy,RR S	4064	51h L5 S6	80,91,100 oct.
(P) Tulia (Tex)	1.5 NNW;RR W	3500	32 S1	80 oct.P-line NE,E,SE
Wagon Mound (N.M.)	0.6 WNW;RR E	6500	21	Fence N;mtns SE,W.
West Mesa (Albuquerque)	3.8 W;hwy S	5100	60 S6	73,80 oct. (N.M.)
West Texas State (Canyon)	3 N;hwy E	3686	42 S6	73 oct.20'poles SE.(Tex)

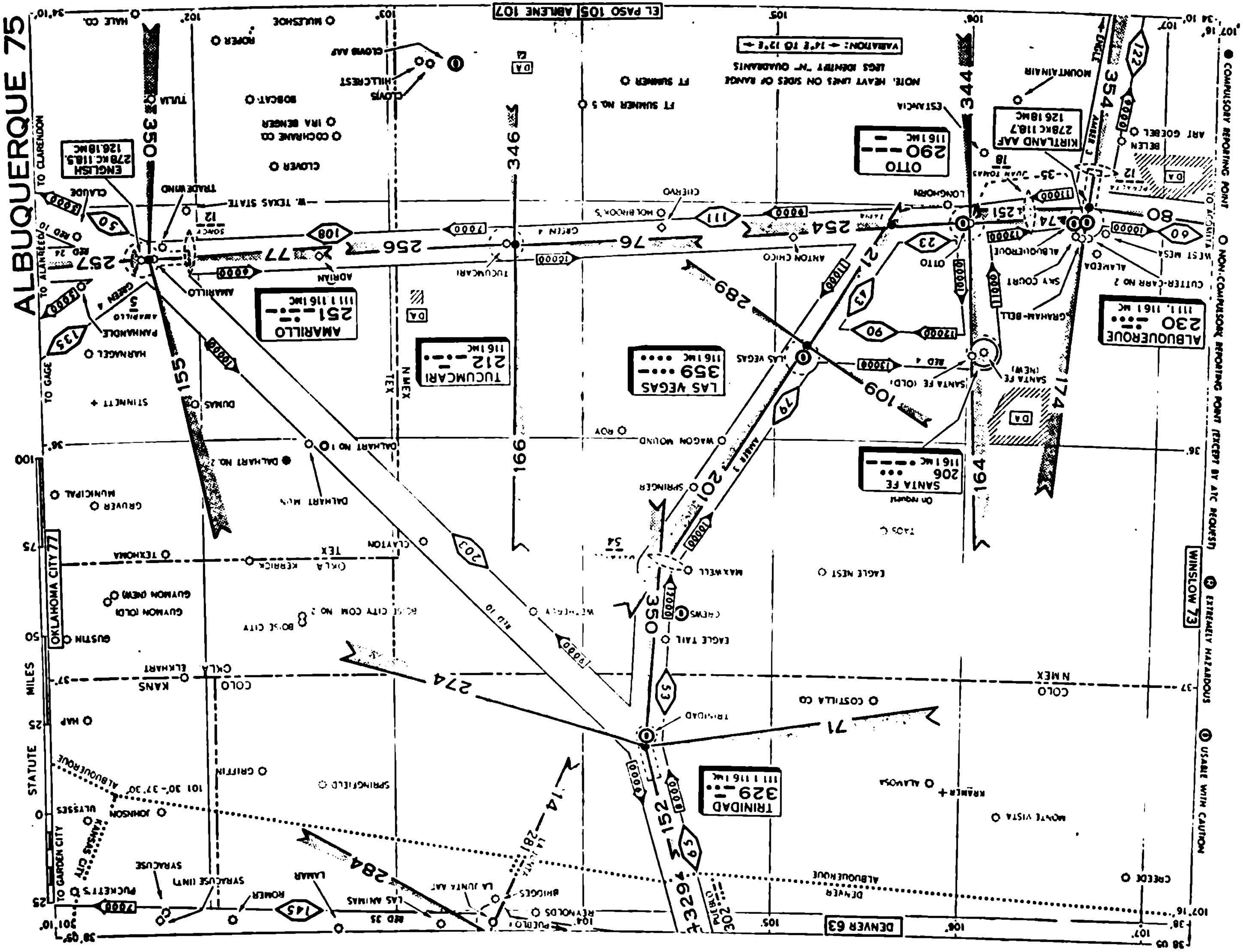
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	AFFR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ENGLISH	110.3	335	209°	IM-	MM- ·—·— (0.62) OM- ——(5.92)
				MMK-	OMK- 293 —·—·
KIRTLAND	110.3	335	349°	IM-	MM- ·—·— (0.66) OM- ——(4.32)
				MMK-	OMK-248 ——·—

NEW FACILITIES				
Boise City Com.#2(Okla.)	1 N;City S	4200	26 S1	80 oct.
Gustin Fld.(Hooker,Okla.)	3 SW;RR,hwy E	2985	26 S2	80 oct.P-line S.
Panhandle (Tex.)	1.6 SSW;RR N	3450	28 S2	80 oct.125' twr W.
Roper(Hart,Tex.)	5.9 S;lk NE	3600	26 S2	80 oct.P-line N,NW.
Ulysses (Kansas)	1.3 NNW;hwy E	3050	26 S1	80 oct.Poles S.
Kramer Fld (Alamosa,Colo.)	2.5 WNW		52 S6	80 oct.P-lines NE.Data unver.
Elkhart (Kans)	0.8 ESE;RR 0.5 NW	3500	32 S2	80 oct.
Hap(Hugoton,Kans)	1.5 SW;hwy N	3107	26 S2	80 oct.Poles N,NE.Use stps.
Bridges (LaJunta,Colo)	3.3 SSW;hwy,RR W	4250	26 S2	80 oct P-line N

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII)
➸ New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


ALBUQUERQUE 75
EL PASO 105
ABILENE 107
OKLAHOMA CITY 77
WINSLOW 73
DENVER 63
AMARILLO
TUCUMCARI
LAS VEGAS
SANTA FE
ALBUQUERQUE
TRINIDAD
OTTO
ENGLISH
KIRTLAND AAF
ALBUQUERQUE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
STATUTE MILES

OKLAHOMA CITY

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(P) Ada (Okla)	2 N; hwy W.	1008	50h S1	80 oct.
(A) Altus AAF (Okla) (A)	3.4 ENE;hwy S	1368	60h	CLOSED.
Altus Mun. (Okla)	4.2 N;RR W	1426	31 S6	80 oct.P-line SW,W,NW.
Alva (Okla)	1.4 S;RR N	1450	26 S6	80 oct.
Anadarko (Okla)	1.5 W;RR E	1260	26 S6	80 oct.P-line N,E.
ANTHONY H Fac. (Kans)	382(AY)(116.1)		MHTV	(4);116.1,122.1
(P) Anthony,24,AQ-KC	3 WNW;hwy S	1339	48 L3 S6	73,91 oct. (Kans)
* Antlers (Okla)	2.8 S;RR E	640	22 S2	80 oct.
ARDMORE H Fac. (Okla)	400(AT)(116.1)		MHTV	(4); 116.1, 122.1
Ardmore (Okla)	11.2 NNE;riv E	758	73h	CAUTION: Intensive airline training
Ardmore,10,FV-WD	9.2 N;hwy E	875	40h L3 S6	80,91 oct.Poles E
* Artie Int,9,AQ-FV(Tex)	3.8 SW;hwy S	1770	42 L3	(Okla)
Ashland (Kans)	1 E;RR S	1940	32 S2	80 oct.Poles S,E
Atoka (Okla)	1.8 NW;RR S	540	22 S2	73 oct.P-line S.
Bartlesville (Okla)	4 E;rd S	720	34 S6	80 oct.
Bennett (Elk City,Okla)	2 SSE;RR NE	1800	20 S2	80 oct.P-line W.Lgt ac-
Blackwell (Okla)	1.7 W;RR N	1000	32 L4 S6	80 oct. P-line ft only.
Boren (Wetumka,Okla)	1.5 NW;RR SE	780	20	SW,NW.
Brown (Tulsa, Okla)	6 SE	735	31 L S6	80,91 oct.Port rnwy lgts. Pole NW.
Buffalo (Okla)	0.6 NW;crk N	1965	14 S1	73 oct. wet.
Caddo Fly Svc.(Ft.Cobb)	6 SE;hwy S	1250	21 S2	80 oct. (Okla)Ctn when
Cameron College	2.5 W;RR N	1108	22 S6	80 oct.(Lawton,Okla)
* Caseoday Int,34,AQ-KC (Kans)	1 SSE;hwy W	1480	32 L3	Twrs S.
CHANUTE Range (Kans)	284(CZ)(vhf)	304°, 2.5	SBRAZ-DTV	(4);116.1.122.1
Chanute (Kans)	2 WSW;lk SE	980	22h L4 S6	80,91 oct. Flood lgts on req.P-line NW,SE.
CLARENDON Range (Tex)	233 (CP)	99°, 2	MRLW	
(P) Clarendon,4,AQ-FV	3.8 W;RR NE	2869	40 L3 S6	80,91 oct. (Tex)
Childress (Tex)	3.2 ESE;RR NE	1990	30 S1	80 oct. P-line sur fld
(A) Childress AAF (Tex)(A)	5.2 W;RR N	1952	60h	CLOSED.
Clinton (Okla)	17 SW	1932	65h	CLOSED.
Coffeyville,Mun.#1	3.5 NE	743	59h S2	80 oct. (Kans)
Coffeyville,Mun.#2	2 NW;riv E	880	26h S6	80 oct.Poles NW;hi-line SW.
Commercial(Okmulgee, Okla)	3.4 E;RR W	682	26 S2	80 oct. Poles SW
Commercial(Tulsa)	5.4 SSE;hwy N	700	29 S6	73,80,91 oct Trees SW
Commercial(Quanah)	1.8 S;hwy E,N	1568	21 S2	Ltd 80 oct (Tex)(Okla)
Community (Ada,Okla)	6.8 WNW	1000	24 S6	80 oct. hwy NE
Cordell (Okla)	1.3 NW;RR E	1550	20 S2	80 oct.
(P) Cushing (Okla)	2 S;RR E	913	52h L5 S6	73,80 oct.
* Dill Int,14,AQ-LS(Okla)	0.5 NW;hwy N	1876	26 L3	P-line N,E
DODGE CITY H Fac(Kans)	362(OD)(116.1)		MHTV	(4);116.1,122.1
[Dodge City] (Kans)	3.5 ENE;RR SE	2594	47h L3 S6	80,91 oct.Fld lgts prior
(A) Dodge City AAF (Kans)	6 NW;RR S	2621	65h	CLOSED. (A) req.
(A) Dodge City #4 (Kans)(A)	17.4 NNE	2465	60h	CLOSED.
Dukes (Carnegie,Okla)	1 NNW;riv S	1250	24 S2	80 oct.P-line S.
Edgewood (Coffeyville, Kans)	2.5 WNW;RR E	745	25 S2	80 oct.N,E,S,W blkd.
(A) Enid AAF (Okla)(A)	4 SSW;RR E	1290	56h	TMP INACT.NO FACS
Eureka (Kans)	2.7 E;hwy S	1100	26 S1	80 oct.Hi-line S.
Ferguson(Coffeyville)	5 E;RR NW			(Kans) ABANDONED
(P) Frederick AAF (Okla)	2 5 SSE;RR N	1233	60h L6 S6	80,91 oct No flood lgts.
Fredonia Mun. (Kans)	3 NNE;RR E	880	26 S1	80 oct.
GAGE Range (Okla)	266(VM)(vhf)	224°, 2.1	SBRAZ-DTV	(4);116.1,122.1
(P) Gage (Okla)	1.8 SW;riv N	2223	55h L5	
GARDEN CITY Range (Mun.)(Kans)	257 (GK)	168°, 3.7	SBRAZ-DTV	(4);116.1,122.1
Garden City Mun.(Kans)	3.3 E;riv S	2841	45 L3 S6	73,80 oct.Fld lgts on req
(A) Garden City AAF (Kans) (A)	9 ESE;riv S	2894	65h	CLOSED.
(A) Garden City #1 (Kans)	19.5 ESE	2814	30h	CLOSED. (A)
(A) Garden City #2 (Kans)	13.4 E	2856	30h	CLOSED. (A)
(A) Garden City #3 (Kans)	6 ENE	2917	30h	CLOSED. (A)
Glenn Martin (Liberal) Kans)	2 ESE;hwy SW	2853	35 S2	80 oct.P-line SE,SW
Grandfield (Okla)	1.2 SE;RR N	1100	13 S?	80 oct.
(P) Grandfield Mun (Okla.)	3 W;RR NE	1128	45h	CLOSED.
(A) Great Salt Plains (Jet, Okla) (A)	6 NNE;dam 1 N	1200	55h L5	
Greensburg (Kans)	1 ESE;RR N	2230	26 S1	80 oct. Poles N.
Haddock (Erick,Okla)	1.4 SW;RR N	2017	34 S2	80 oct.P-line N.
Halliburton (Duncan, Okla)	1 S;RR E	1125	35 L3 S4	90,91 oct.P-line W. Lgts prior req.No ben.
Harvey Young (Tulsa)	8.8 E;hwy N	700	26 S6	80 oct. (Okla)
Hatbox (Muskogee,Okla)	2.7 W;RR S,N	615	36h S6	80,91 oct.P-line N,ESE
Hemphill Co.(Canadian)	1.5 SW;riv N	2300	27 S2	Ltd 73 oct.(Tex) S,WNW
(P) Hobart Mun(Okla)	3.8 SE;hwy W	1583	54h L SE	80 oct.Port lgts on req.
Hohmann (Lone Wolfe)	1 ESE	1576	26 S2	80 oct. (Okla)
Holdenville (Okla)	1.2 WNW;hwy S	864	33	
Hunter's Flight Strip (Hobart, Okla)	0.5 SW;hwy adj	1530	22	Data unverified.
HUTCHINSON Range (Kans)	227(HN)(116.1)	350°, 3.1	SBMRLZ-DTV	(4);116.1,122.1
Hutchinson, com.(Kans)	5.5 W;hwy N	1605	20 S2	80 oct. P-lines N,NE.
(P) Hutchinson,mun.	4 ENE;hwy S	1542	70h L5 S6	80,91 oct (Kans)
(N) Hutchinson NAS (Kans)	8.9 S;RR NNE	1582	70h	CLOSED (N)
INDEPENDENCE AAF Tower (Kans)	272 (126.18)		CA	(3); 126.18 (7-19)
(A) Independence AAF (A)	5.5 SW;hwy W	820	55h S1	91,100 oct. (Kans)
Independence (Kans)	5 N;hwy W	847	22 S4	91 oct Pole SW.
(A) Independence #3 (A)	24 ESE	920	42h	CLOSED. (Kans)
Independence #9 (Kans)	12.5 NE	870	40h	
(P) Iola (Kans)	3.2 SSE	1020	48 S6	80,91 oct.P-line NW,N.
Jensen (So.Coffeyville)	0.5 W;RR S,E	735	40 S6	80 oct.P-line SE (Okla)
Jimmie Ray (Cherokee)	1.5 E;RR SW	1200	26 S1	80 oct. Trees S (Okla)
Kell-Air (Thomas,Okla)	1.2 SW;RR N	1730	24 S2	80 oct.
Kingfisher (Okla)	1.3 NW;RR W	1060	24 S6	80 oct.
Kingman (Kans)	1.5 NNW	1600	26 S1	73 oct.Trees S,SW. RR
Kiowa Flying Service (Kiowa, Kans)	2.5 WNW;RR S	1375	19 S1	80 oct P-line SW NNW,SSW
Kittenbrink (Jefferson)	2 E;RR W	1100	23 S2	80 oct Trees N (Okla)
Lawton (Okla)	1.5 S;RR E	1145	26 L4 S6	80 oct.No ngn.lgts on req.
(A) Liberal AAF (Kans)(A)	1.5 WNW	2888	70h	CLOSED.
Long (Pryor,Okla)	2 NNE;RR W	650	20 S6	80 oct P-line SW.
Meade (Kans)	3 ESE;hwy N	2532	26 S2	80 oct.Use strips P-line
McAlester (Okla)	2 SSE;RR W	750	25 S4	80 oct. P-line SE. N
Mauks (Blackwell,Okla)	2.7 S;hwy W	987	26 S4	80 oct.P-line E
Medicine Lodge (Kans)	2.1 SE;RR S	1520	33 S2	80 oct.
(A) Muskogee AAF (Okla)	See Davis under "New Facilities" - name changed.			New
North (Enid, Okla)	3.8 N;RR E	1265	26 S6	80, 91 oct.Shrubs N,NE.
Nowata (Okla)	1.6 NNE;RR W	600	26 S6	80 oct.
OKLAHOMA CITY Range (Okla)	350 (OL) (116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Okmulgee (Okla)	3 NNE;hwy W	715	43h L5 S6	80 oct. Clr lgts prior
Olustee (Altus,Okla)	10 SE;riv E	1338	45h	CLOSED req.
Pampa (Tex)	1.2 NNE,RR S	3234	50 L3 S6	80,91 oct SE blkd.P-line
(A) Pampa AAF (Tex)(A)	12.3 E	3124	65h	CLOSED. E,S,W
* Pampa Int,4,AQ-KC(Tex)	1.9 NNE;RR S	3197	50 L3	P-line E,S,W Twr SW.
Parsons (Kans)	2 NW;RR S	936	32 S1	80 oct.Use strips only
Pawhuska (Okla)	3.8 W;RR E	1000	27 L S1	80 oct.Port rnwy lgts. P-line NE.
(A) Perry (Okla) (A)	6.6 N;hwy W	1008	52h	CLOSED.
(P) Perryton (Tex)	3 ENE;RR NW	2942	80 S4	80 oct.No sto Allway fld.P-line SE,windmills
PHILLIPS Tower (Okla)	388		CI	3105 (on req) SW
Phillips (Bartlesville)	1.7 WNW	750	35h L4 S2	80,91 oct.(Okla) Hwy S.
Plains (Kans)	1.3 NNE;RR S	2772	30 S2	80 oct.P-line NE,SE,S.
PONCA CITY H Fac (Okla)	368(PC)(116.1)		MHTV	(4),116.1.122.1
(P) [Ponca City] (Okla)	2.3 NNW;RR S	1014	38h L4 S6	80,91 oct.Antenna bet. twr & hangar,lgtd
Ponder (Mangum,Okla)	1.6 N;hwy S	1585	29 L S2	90 oct.Badly lgts prior
POST Tower (Ft.Sill,Okla)	201 (126.18)		CA	(3); 126.18 (7-22) req.
(A) Post (Ft.Sill,Okla)(A)	1.5 S	1170	50h L5 S4	73,ltd 100 oct.
Pratt Mun. (Kans)	2.5 ENE;lk E	1916	25 S6	80 oct.Use strips only
(A) Pratt AAF (Kans) (A)	4 N;hwy E	1960	80h	CLOSED.
Roosevelt (Okla)	0.5 NW;rd N	1400	24 S?	73 oct. P-line N.
Sapulpa (Okla)	1.5 ENE;RR W	730	26	P-line S.
Satanta (Kans)	1 N;RR S	3050	26 S2	80 oct.
Sayre Mun. (Okla)	8.5 SSW	1937	50h	
Archer (Sayre,Okla.)	2.3 N;hwy W	1900	26 S6	80 oct.
Seminole (Okla)	3.4 NNW;hwy E	1012	35 S6	80 oct.Trees W,NW.
Sentinel Memorial	0.8 SSW;RR W	1600	F S?	80 oct. (Okla)
(P) Shawnee (Okla)	2 NW;RR E	1030	42h L5 S6	80,91 oct.Fld lgts prior
Stafford (Kans)	2.6 WSW;RR N	1889	26 S6	80,91 oct.Poles N,S req
Stark (Coldwater,Kans)	0.7 NE;RR SE	2100	29 S2	60 oct.Poles N,S,E,SE
(P) Stillwater #1 (Okla)	3.2 NNW;hwy E	985	50h L3	NE
Stillwater #2 (Okla)	5.6 SSE;hwy W	980	20 S6	73,80 oct.
Strickland(Hazelton,Kans)	2.6 E;RR S	1510	26 S6	73,80 oct.Poles E,N.
* Stroud Int,29A,AQ-LS	3 N;hwy W	883	27 L3	P-line W lgtd.(Okla)
Sulphur (Okla)	1.5 NW;hwy S,E	1060	28	Trees NW.
TINKER Army Rng (Okla)	221 (DTE)	170',5.3	BMRAZ	4495
(A) Tinker (Okla City,Okla)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct JP-1 (A)
Tonkawa (Okla)	1.6 S;riv NW	1000	25 S2	80 oct.P-line S,E
TULSA Range (Okla)	245(TS)(116.1)	225°,1.0	SBRAZ-DTV	(3); 116.1, 122.1
TULSA Tower (Okla)	278 (126.18, 118.5)		AC (ILS)	(4); 118.5,126.18, 122.5
(A) [Tulsa] (Okla)	6.2 NE;RR S	674	71h L6 S6	73-91 oct.73,100 oct.
Tulsa North (Tulsa, Okla)	4.5 NNW;RR E	700	25 S2	80,87 oct. Army Poles S,SW,SE.
Turkey (Tex)	2.7 SSW;hwy E	2350	18 S2	80 oct.
Twitty Int,8A,AQ-LS	1 SE;hwy 0.5 W	2225	38 L3	(Tex) P-line W
Vernon 15,AQ-FV(Tex)	5 N;hwy E	1250	43h L5 S6	73,80 oct No sto.
* Vernon Int,15,AQ-FV	8.8 NNW;hwy E			(Tex) ABANDONED
Vici (Okla)	0.7 SW	2265	24 S1	80 oct. Trees N.
Victory (Clinton,Okla)	2 S;hwy W	1540	27 S6	80 oct.
Walker (Ada,Okla)	5.4 S;rd E,N	870	32	PRIV Trees sur fld.
Walker (Altus,Okla)	1.6 W;RR E	1400	26 S4	80,91 oct P-line N.
Walters (Sedan,Kans)	8 N;rd E	1000	26 S1	80 oct.Emerg only.Priv.
Walters (Okla)	1.2 SW;RR E	1005	26 S6	80 oct.
Watonga (Okla)	1.2 NW;hwy S	1460	26 S6	80 oct.
Waynoka-Kelsey (Waynoka, Okla)	3.4 NNE;RR SE	1500	21 S2	80 oct.P-line N,NE.
Weatherford (Okla)	2.7 ENE;hwy S	1550	27 S6	80 oct.P-line N
Wellington (Tex)	1 SE;hwy W	2100	17 S2	80 oct. P-line S,E
Wewoka,com.(Okla)	1.8 W;lk N	905	23 S6	73,80 oct P-line NNE
(P) Wewoka,mun.(Okla)	4.7 NE;hwy W	790	30	Emerg only.
White Bros.(Lamont)	2 WSW;RR E	1000	24 S2	80 oct. (Okla)
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1, 122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4): 122.5,126.18, 118.7
(NG) [Wichita] (Kans)	5.3 SE;hwy W	1372	75h L6 S6	80,91 oct Army 100 oct
Will Rogers,36,AQ-LS	1.5 NE;RR W	649	29 L3 S6	73 oct (Claremore,
WILL ROGERS Tower (Okla City,Okla)	272 (118.7)		AC (ILS)	(4):118.7,126.18,(Okla), 122.5
[Will Rogers] (Okla City)	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct.(Okla)
(P) Woodring (Enid,Okla)	5 ESE;RR N	1159	65h L5 S6	80,91 oct.
(P) Woodward (new)(Okla)	7.5 W;hwy S,E	2187	55h L5 S2	80,91 oct Lgts on req
Woodward (mun)(Okla)	1.5 SE;hwy W	1918	21 L1 S6	80,91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in res. Compass Locators in ltcs)

LOCATION	LOCALIZER/G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
TULSA	110.3	335	354°	IM-	MM- •—•—(0.65) OM- ——(4.62)
				MMK-	OMK-263 —
WICHITA	110.3	335	3°	IM-	MM- •—•—•(0.69) OM- ——(5.37)
				MMK 201—	OMK- 317 •—•—
WILL ROGERS	109.9	333.8	350°	IM-	MM- •—•—(0.66) OM- ——(4.6)
				MMK-	OMK- 293 —•—

CHILDRESS Range (Tex)	109.1 (GM)		VARW	
ROOSEVELT Range (Okla)	108.7 (RQ)		VARW	
Arnett (Okla)	Adj NNE	2450°	23 S1	73 oct.
Beaver (Okla)	1 SSW;hwy W	2500	30 S1	80 oct.
Bristow (Okla)	1.3 WNW;lk E	725	26 S6	80 oct.Trees NE,SW.
Fallin (Vinita,Okla)	1.5 NW;RR S	780	26 S2	80 oct P-line E,N,NE.
[Davis] (Healdton,Okla.)	1.3 E;crk W	800	20 S2	80 oct. S,SW.
Hartshorne (Okla)	1 NNW	700	13	Emerg use only
Hawk's (Henryetta,Okla)	1 N;rd N,E	802	18 S2	80 oct.
Jolly Aero (Davis,Okla)	3 S;hwy NNW	800	17	Pwrline NNW.Emerg.
Kingfish (Hinton,Okla)	3.7 N;hwy W	1545	18	CLOSED. only
Okemah (Okla)	1 E;city W	870	33 S6	80 oct P-line N,NE.
Seiling-Cook's (Seiling)	Adj E	1700	20	P-line N;trees S.(Okla)
Shamrock (Tex)	1.3 SSE;hwy N	2395	23 S1	80 oct P-line S.
Augusta (Kans.)	1 NNE	1260	26 S2	80,91 oct.S blkd.
Memphis (Tex.)	1.4 NNE	2100	38 S2	80 oct.E,SE blkd.
Elk Co. (Moline,Kans.)	2.3 ENE;hwys SW	1050	19 S1	80 oct.
Protection (Kans.)	0.6 SSE;hwy S	1830	24 S2	80 oct.Pole W.Use strips only
Hi-way (Kingman, Kans.)	2.3 W;hwy S	1580	24 S2	80 oct.P-lines SE,S.
Bucklin (Kans.)	0.6 SW;RR N	2400	28 S2	80 oct.Poles N,W.Use strips.
Firebaugh (St.John,Kans)	1.7 NNE;rd E	1885	26 S2	80 oct.Poles N,E.Derrick S.
Cedar Vale (Kans.)	1.5 WNW;hwy S	1000	26 S1	80 oct.Poles N,W.
[Davis] (Muskogee,Okla)	6.4 S;hwy S	610	58h L5 S2	80 oct.Hill SW.
BROWN Tower (Tulsa, Okla.)	317		CI	3105 (12-sunset.Sats, Suns,holidays)
Hollis (Okla)	1 N;hwy E	1720	26 S2	80 oct.P-line SE,S.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)
→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY 77

OMAHA 61
HUTCHINSON COM
NEWTON
CASSODAY
CHANUTE 284 111.1, 116.1 MC
EUREKA
IOLA
OTTAWA
HUTCHINSON 227 116.1 MC
DODGE CITY 362 116.1 MC On request
DODGE CITY No 4
FIREBAUGH
STAFFORD
RED 35
HUTCHINSON MUN
RECHI 11
TOWANDA 19
GARDEN CITY 257 111.1 116.1 MC
GARDEN CITY
GARDEN CITY AAF
GARDEN CITY No 1
GARDEN CITY No 2
GARDEN CITY No 3
DODGE CITY AAF
DODGE CITY
PRATT AAF
PRATT MUN
HI-WAY
KINGMAN
GREENSBURG
BUCKLIN
NAS HUTCHINSON
WICHITA 278 KC 118.7 126.18 MC
WICHITA 332 111.1, 116.1 MC
FREDONIA
CHANUTE
INDEPENDENCE No 9
ELK CO
INDEPENDENCE
PARSONS
COFFEYVILLE No 1
INDEPENDENCE No 3
SATANTA
PLAINS
MEADE
ASHLAND
STARK
PROTECTION
MEDICINE LODGE
PONCA CITY 368 116.1 MC On request
WALTERS
INDEPENDENCE AAF 272 KC 126.18 MC
COFFEYVILLE No 2
EDGEWOOD
CEDAR VALE
JENSEN
PHILLIPS 388 KC
BARTLESVILLE
NOWATA
FALLIN
PAWHUSKA
TULSA 278 KC 118.5, 126.18 MC
SKIATOOK 18
CLAREMORE
PRYOR
LONG
WILL ROGERS
VERDIGRIS RIVER
TULSA 245 116 MC
TULSA NORTH
BROWN 317 KC
COMMERCIAL
HARVEY YOUNG
SAPULPA
OKMULGEE
COMMERCIAL
HATBOX MUSKOGEE
HAWK'S
DAVIS
ST LOUIS FORT WORTH
LITTLE ROCK 81
STILLWATER NO 1
STILLWATER NO 2
CUSHING
STROUD
BRISTOW
TINKER AAF 221
NEWALLA 28
SHAWNEE
SEMINOLE
WEWOKA MUN
WEWOKA COM.
HOLDENVILLE
BOREN
OKLAHOMA CITY 5
OKLAHOMA CITY 350 116.1 MC
WATONGA
KELL AIR
WEATHERFORD
KINGFISH
VICTORY
CORDELL
BESSIE
CALDO FLY. SVC.
WILL ROGERS 272 KC 118.7 MC
ANADARKO
WASHINGTON
DILL
SENTINEL
DUKES
HUNTER'S
HOBART
HOHMANN
PONDER
WELLINGTON
ROOSEVELT
ARLIE
HOLLIS
ALTUS MUN
ALTUS AAF
WALKER
OLUSTEE
FREDERICK AAF
GRANDFIELD MUN.
GRANDFIELD
WALTERS
DAVIS
FOR ROOSEVELT VHF RANGE SEE CHART 146
POST AAF 201 KC 126.18 MC
CAMERON COLLEGE
LAWTON
FORT SILL
D.A.
HALLIBURTON
ARDMORE 400 116.1 MC On request
ARDMORE
ARDMORE MUN
JOLLY AERO
SULPHUR
ATOKA
ANTLERS
MCALESTER
HARTSHORNE
COMMUNITY
ADA
WALKER
FOR DETAILS IN THE OKLAHOMA CITY AND WICHITA AREAS SEE CHART 79
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 12°E TO 9°E
CLARENDON W 233
FOR CHILDRESS VHF RANGE SEE CHART 146
CLARENDON
MEMPHIS
CHILDRESS AAF
CHILDRESS
COMMERCIAL
TURKEY
VERNON
WICHITA FALLS
ABILENE 107
FT. WORTH 109
PAMPA AAF
PAMPA
PAMPA INT
AMARILLO 251
TWITTY
ARCHER
BENNETT
CLINTON
SHAMROCK
HADDOCK
SAYRE
ALANREED
ARNETT
VICI
SEILING COOK S
HEMPHILL CO
ALBUQUERQUE FORT WORTH
KANSAS CITY ALBUQUERQUE
GAGE 266 111.1, 116.1 MC
WOODWARD AAF
WOODWARD MUN
PERRYTON
OKLA
TEX
GLENN MARTIN
LIBERAL AAF
BEAVER
BUFFALO
ALVA
WAYNOKA KELSEY
GREAT SALT PLAINS AAF
ANTHONY 382 116.1 MC On request
STRICKLAND
MEDICINE LODGE
KIOWA
KANS
OKLA
JIMMIE RAY
RITTENDORF
WHITE BIRD
TONKAWA
PERRY
NORTH
ENID AAF
WOODRING
PONCA CITY
MEDFORD
AMARILLO
GREEN 4
ALBUQUERQUE
TO LA JUNTA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES

OKLAHOMA CITY - WICHITA

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Arkansas City (Kans)	3.5 S;RR W	1067	28 S6	73,91 oct.
Arther Arfld (Wichita, Kans)	3 SW;RR N	1290	26 L S6	80,91 oct.P-line N,S,W. Port rnwy lgts.
Baird (Arkansas City)	4 W;hwy S	1100	17 S2	73 oct.P-line S,SW.(Kans)
Beech (Wichita, Kans)	6 E;hwy N	1378	46h L	Factory use only.obst lgts.
Bomhoff (Calumet,Okla)	4.1 SSE	1448	25 S6	73,80 oct. Hwy S
Caldwell (Kans)	1.2 E;RR W	1140	22 S1	80 oct.Poles SW,SE,NE.
Cannon Ball (Wichita,Kans	6.5 WSW; hwy N	1300	24 S6	80 oct.No sto.P-line N.
Central (Edmond,Okla)	2.6 NNE	1211	24	RRW
Cessna (Wichita,Kans)	4.5 SE	1384	53 S2	80 oct.Wichita Arpt 1 N.
(P) Chickasha (Okla)	4 NNW;riv S	1140	35h L5 S6	80,91 oct.No bcn or flood P-line NE,E.
Cimarron (Yukon,Okla)	4 WSW;hwy N	1350	20h S6	80,91 oct.
Culver (Wichita, Kans)	4 N	1320	15h	Reported ABANDONED.
Derby (Kans)	1 NNE;RR W			ABANDONED
El Dorado (Kans)	3.6 SE;hwy W	1400	25 S6	80 oct.Soft,wet weather.
(P) El Reno (Okla)	1.5 SW;RR N	1400	26 L5 S6	80,91 oct.Ctc & range lgts
Frasier (El Dorado,Kans)	2.5 S;riv W	1300	25 S6	80 oct.Poles E,NE.
Garthoeffner Co. Club (Oklahoma City, Okla)	See Country Club under "New Facilities" - name changed.			
Guthrie Muni	2 SSE;hwy W	1052	26 L3 S6	80 oct. (Okla)
Hilltop (Augusta, Kans)	2 NE;RR SE			ABANDONED.
Ken-Mar (Wichita,Kans)	3 ENE;RR N	1375	23 L S6	80,91 oct. No sto.Ports rnwy lgts.Obsts
Kingfisher (Okla)	1.3 NW;RR W	1060	24	PRIVATE
Lake View (Yukon, Okla)	2.7 E;RR N	1275	24 S1	80 oct.Poles N,S.
Mariash (Chickasha,Okla)	2 SSE;RR E	1275	30 S2	80 oct. P-line NW,SW.
Marlow (Okla)	1.6 N;RR E	1150	22 S6	30 oct.P-line N.
Max Westheimer (Norman, Okla)	2.7 NW;RR E	1178	50h S6	80, 91 oct.
(P) Mustang (El Reno,Okla)	5.3 SSW	1400	52 S6	80,91 oct.
Newkirk Skypark (Okla)	2.5 SE	1140	29	P-line N,NW. RR SW.
(N) Newton (Kans.)	4 ENE;rd S	1527	70h S6	80,91 oct.P-line W,N.
Nuckols (Okla.City, Okla)	7.2 SSW; hwy W	1265	30 S6	80 oct. P-line N,NE,SW, W,NW.
OKLAHOMA CITY Range (Will Rogers) (Okla)	350(OL)(116.1)	78°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
(P) Pauls Valley (Okla)	2.1 S;RR E	967	35h L1 S4	80,91 oct.
Purcell-Lexington (Lexington, Okla)	See Lexington-Purcell under "New Facilities" - name changed.			
Rawdon (Wichita, Kans)	6.7 E;hwy S	1396	26 L S6	80,91 oct.Port rnwy lgts
Riverside (Wichita, Kans)	4 NNW;riv E	1310	26	Use in emerg only
(A) South (Winfield, Kans)(A)	14 SSW	1230	40h	CLOSED.
(P) Strother (Winfield, Kans)	See Winfield-Arkansas City under "New Facilities" - name chg.			
TINKER Army Range (Okla)	221 (DTE)	170°,5.3	BMRAZ	4495
TINKER Tower (Okla)	396 (126.18)+		CA (GCA)	(3); 126.18
(A) Tinker (Oklahoma City, Okla) (A)	8.5 SE;RR NE	1272	78h L5 S6	73,100 oct. JP-1
Tulakes (Oklahoma City, Okla)	8 WNW lake 2 SW	1269	44h S6	80,91 oct.P-line N,S,NW.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
University (Wichita, Kans)	5 NE;RR N	1350	27 L S6	80,91 oct. Port rnwy lgts. P-line E.
University (Langston, Okla)	1 S;road N	1025	26	Bldg SE corner.
Wellington (Kans)	3.5 N;RR W	1290	26 S6	80 oct. P-line sur fld
Wheatley Arpk (Moore, Okla)	0.6 NE;hwy W	1273	24 S6	80,91 oct.
WICHITA Range (Kans)	332(WD)(vhf)	167°,1.0	SBRAZ-DTV	(3);116.1,122.1
WICHITA Tower (Kans)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5, 126.18, 118.7
(NC)[Wichita] (Kans)	5.3 SE	1372	75h L6 S6	80,91 oct. 100 oct. for Army.
Wiley Post (Oklahoma City, Okla)	7.9 NNW; hwy E	1216	34 S6	80,91 oct. Trees S.
WILL ROGERS Tower (Okla)	272 (118.7)		AC (ILS)	(4); 118.7,126 18,122.5
[Will Rogers] (Oklahoma City, Okla)	7.5 SW;hwy E	1283	57h L6 S6	80,91,100 oct. Port lgts prior req.
Wilson (Wichita, Kans)	7.6 NE	1410	29 L S6	80,91 oct.P-line N,NE,NW.
Winfield (Kans)	2 E;RR S	1200	20 S6	80 oct. Lgt acft only Pwr line N.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs. Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
WICHITA	110.3	335	3°		MM- •— —•(0.69	OM- ——(5.37)
				MMK-201—••		OMK- 317 •——
→ WILL ROGERS	109.9	333.8	350°	IM-	MM- •—•—(0.66)	OM- ——(4.6)
				MMK-		OMK- 293 ——•—

NEW FACILITIES

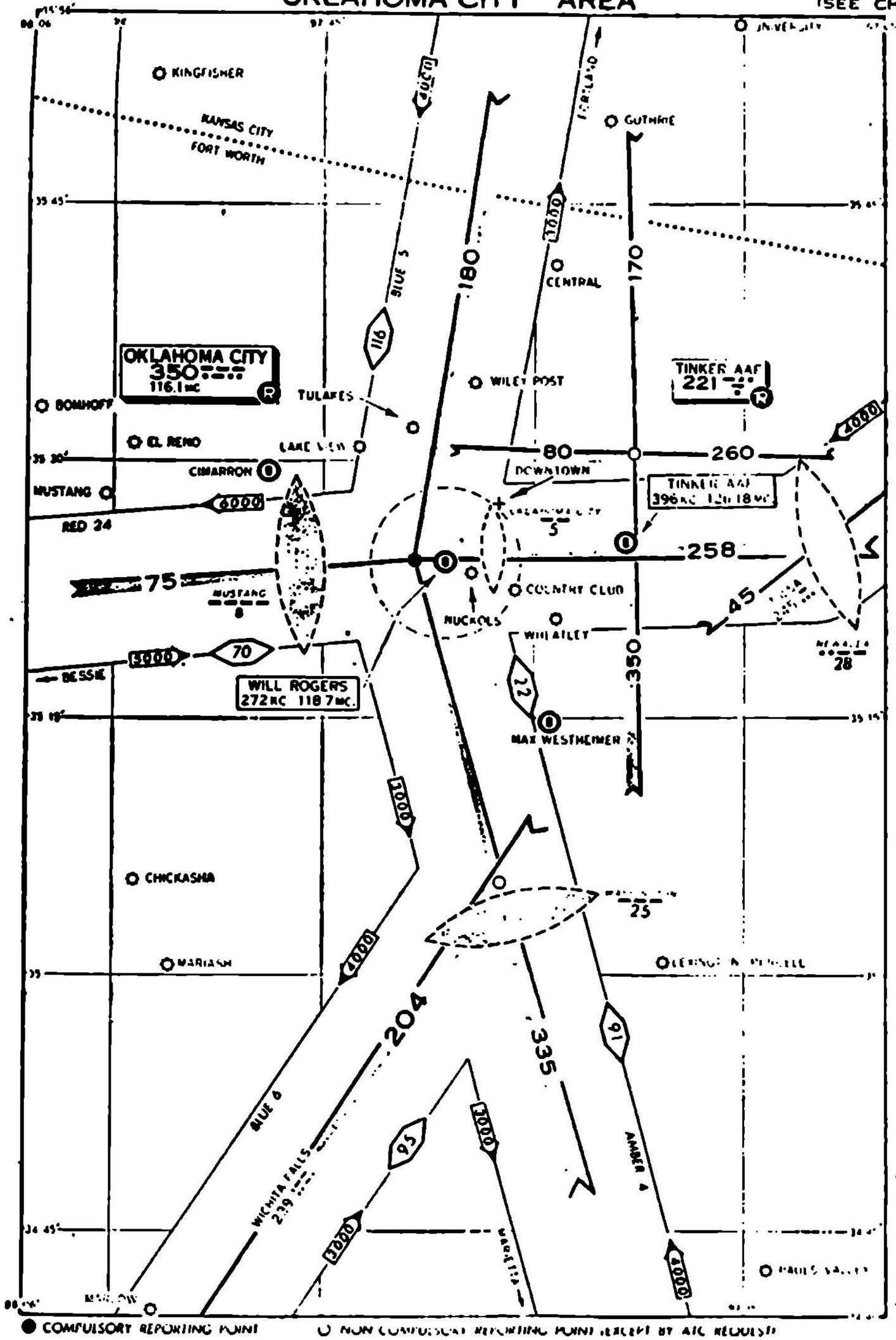
Lexington-Purcell (Lexington,Okla.)	0.8 WSW; riv W	1100	21 S1	80 oct.rough N. Ctn when wet
Country Club (Okla.City, Okla)	7.3S;hwy E	1250	19h S6	80 oct.
(P) Winfield-Arkansas City (Winfield,Kans)	5.7 SSW;RR SE	1150	58h L5 S2	80 oct.No bcn.Use strips.
BEECH Tower (Wichita, Kans)	239		CI	3105,6210 (7-17) daily except Sun & holidays.
Downtown Arpk (Okla City)	1.5 SW	1132	26h S2	80 oct. (Okla)

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthesis Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.8h, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page VIII) —•— New or revised data. (Jones) - Airline Stop. N.D. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

OKLAHOMA CITY AREA

(SEE CHART 77)



WICHITA AREA

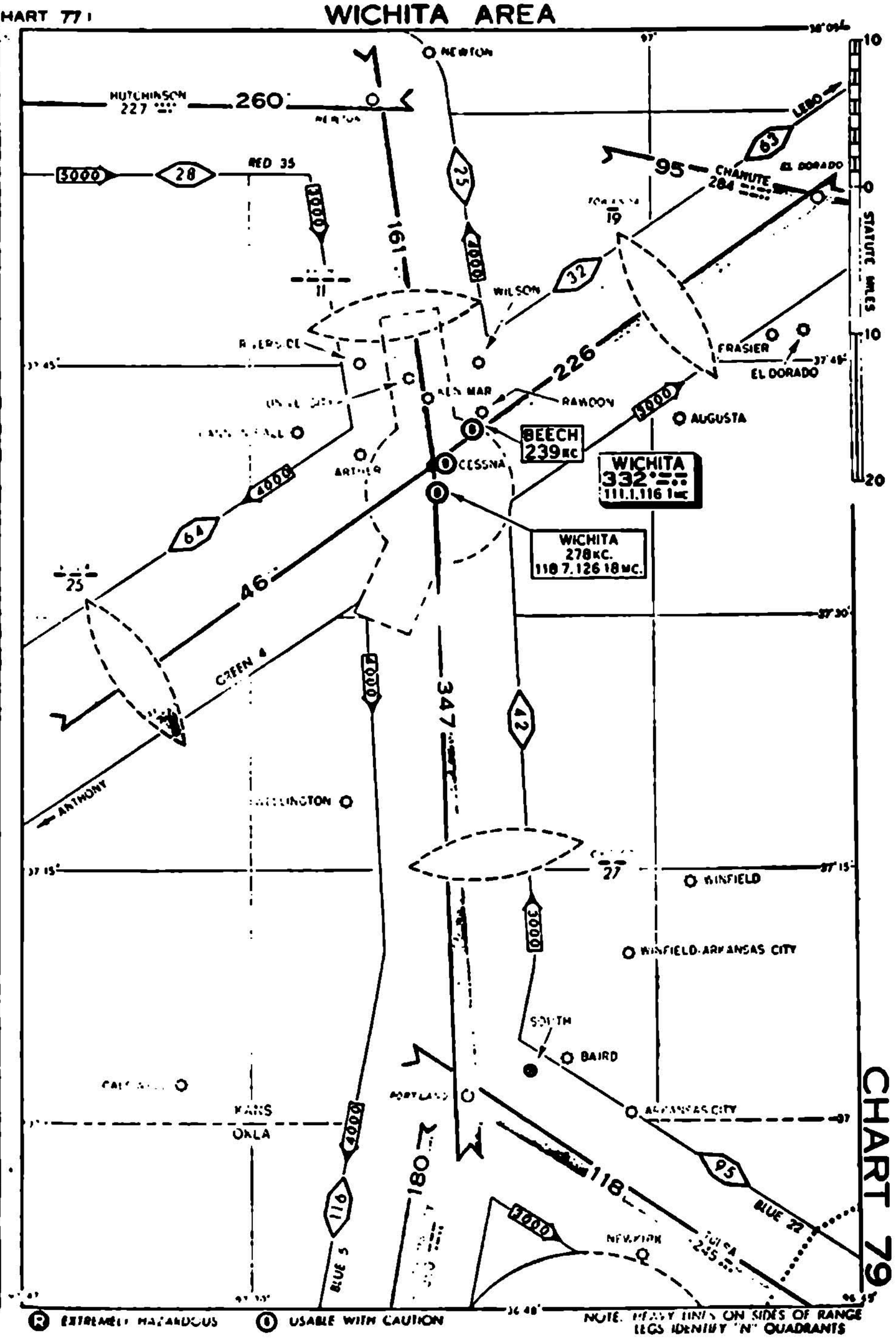


CHART 79

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (RECEIPT BY ATC REQUIRED)

Ⓡ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
ADAMS Tower (Ark)	278 (126.18, 118.5)		C	(4); 126 18,118 5, 122 5 (7-23)
(NG) [Adams] (Little Rock, Ark)	4 E;RR W	260	52h L5 S6	80, 91 oct 73,100 oct, JP-1,2 each maint NG
ADVANCE Range (Int) (Mo)	317(AF)(116.1)	354°, 1.5	SBMRAZ-DTV	(4);116.1,122.1
* Advance Int,48,NO-LS	0.8 WSW	355	29 L3	(Mo) N blkd. Trees e.
Alma (Ark)	1.5 ESE;rd S	450	23 S2	80 oct. P-line S.PRIVATE
American Legion (Blytheville, Ark)	1.5 ESE;RR N			ABANDONED
Arkansas Polytechnic (Russellville, Ark)	1.3 N;hwy W	350	23 S6	80,91 oct.SE blkd. P-line W.
(P) Atkinson (Pittsburg, Kans)	2.5 NW;hwy 1.3 E	948	40h L S6	80 oct Flood.obst lgts.
Bailey (Cabot, Ark)	0.5 W;RR S	270	16 S2	80 oct Trees sur fld
Bass (Lula, Miss)	2.2 SSE	200	13 S1	80 oct N blckd Hwy E
Batesville (Ark)	3 S;hwy E	400	25 S3	80 oct.N,W blkd.P-line
* Batesville Int,29,NO-LS (Miss)	3 W;hwy SE	205	25 L3	Poles N, lgtd W,N.
Benton (Ark)	1.6 W;hwy N	300	20 S2	80 oct P-line S.Trees
Bentonville (Ark)	1.5 SSW;RR N	1200	24 S1	80 oct.
Berryville (Ark)	1.3 WNW	1150	13 S1	70 oct, Trees S.hwys N,S.
Biggers (Ark)	2 ESE	290	45	RR 2 NW Cattle on fld.
BLYTHEVILLE Range (Ark)	221 (LY)	226, 14.2	RLWZ	
(P) Blytheville (Ark)	3.5 NW	254	50h S6	80,91 oct.
Bolivar (Mo)	1.8 WSW	1138	24 S2	80 oct.N,S blkd.Hwy N
Bowden (Mena, Ark)	1 E;RR NW	1177	16 S1	73 oct
Bowen (West Memphis, Ark)	1.5 W;hwy N	215	17 L S6	80,91 oct.Floodlgts; port rnwy lgts Poles
Branson (Mo)	4 W;mtn NNW	1089	19 S4	80 oct.W,NW blkd.SE
(P) Brinkley,37,DL-LV (Ark)	1 E;hwy N	188	31 L3 S1	80 oct days Obst NW Heavy acft emergonly.
Cabool (Mo)	0.8 SW		18 S1	80 oct Data unver
Cape Commercial (Mo)	4.8 SW;Hwy N	340	35	CLOSED. P-line N
Carbondale (Ill)	1 E;Rt 1.5 SW	450	23 S6	80 oct
(P) Carlisle Aux. (Ark)	3 NE;RR 1.5 S	236	45h	
Carthage (Mo)	See Meyers Field under "New Facilities" - name changed			
Cassville (Mo)	3 S;hwy E	1375	26 S2	80 oct.NE,SW,NW blkd.
Central (Little Rock)	4.5 NE;RR S	255	35 S4	80 oct.Trees W Data un-
Charleston (Mo)	1 ESE,RR NW	300	31 S2	80 oct Poles S,ver (Ark)
Chester (McBride,Mo)	3.8 NW;riv N	372	20h	Allway 5388 x 4695'
Clarksdale (Miss)	1.5 SE;hwy NW	175	21 L1 S6	80 oct.P-line N
Commercial (De Witt)	2.4 W;RR N	196	24 S6	80 oct P-line E (Ark)
(P) Conway (Ark)	1.5 SE;hwy W	309	32 S6	80,91 oct P-line N,S,E
Cooter (Blythev'l,Ark)	10 NE			ABANDONED
Copp (Calico Rock,Ark)	1.8 N	425	18	Fence S.
Dexter (Malden, Mo)	12.5 NNE	215	45h	
Dockery (Stuttgart,Ark)	1.5 NNW	214	24 S6	73,80 oct P-line N,S,E
Diamond (Mo)	2.1 SSW;Hwy E	1150	19 S2	80 oct SW,NW blkd.
(A) Dyersburg AAF (Tenn)	9 S;RR E	289	62h	CLOSED. (A)
Dyersburg Mun.(Tenn)	2 SW;riv N	337	40h S4	80 oct. No sto.
Earl Fields (Poplar Bluff, Mo)	3.8 ENE; hwy S	325	26 S6	80 oct. P-line S
Embry Riddle (Union City, Tenn)	See Stewart Field under "New Facilities" - name changed			
Erwin (Newport,Ark)	1.6 SE;rd S	220	45h	CLOSED. Cattle on fld.
Farmington (Mo)	1 ESE;hwy N,E	920	36 S6	80,91 oct.Poles E,N
Farmington Flying Service (Mo)	0.8 NNE; hwy S			ABANDONED
(P) Fayetteville (Ark)	4.5 S;riv E	1251	38 S6	80 oct.P-line SW;ctn.
Fleeman (Manila,Ark)	0.8 S;RR N	340	32 S2	80 oct.P-line N,NE
Fletcher (Clarksdale)	8 NNE;RR W	175	20h S6	80, 91 oct (Mo) P-line
Forrest City (Ark)	0.7 W;hwy SE	226	22 S2	80 oct. Bldg S S
Fort Scott (Kans)	4.5 SW;hwy S	900	28 S2	80 oct.
(P) Fort Smith (Ark)	4 SSE;RR S	450	35h L5 S6	80,91 oct.P-line SE,SSW
(A) Gideon (Malden, Mo)	1 SE Gideon	268	45h	CLOSED. Stacks W.
Gilbrech (Palmer, Ark)	0.2 NE;RR S	178	18 S2	80 oct N,S strip rough
Girard (Kans)	1.7 WNW; hwy S	950	14	Obst sur fld. Poles W
(P) Grider (Pine Bluff,Ark)	5.5 SE;hwy N	210	45 L S6	80,91 oct. Port rnwy lgts
Harlas (Malvern,Ark)	2.2 W SW	275	26 S2	73 oct P-line NE RR SE
Harris (Cape Girardeau, Mo)	6.5 SSW; hwy E	340	20h S6	80,91 oct.P-line N.
Harrison (Ark)	4.1 NW;RR,8 S	1380	32 S2	80 oct SE,S,NW. blkd.
Heber Spgs (Ark)	1.5 NNE;hwy E	625	24 S1	80 oct P-line E N blkd
Hazen (Ark)	3.8 WSW	225	45h	
Heavener (Okla)	2 N;RR W	575	27	Use in emerg. only.
J.B.Wilson (Joiner,Ark)	0.5 ENE			ABANDONED.
Jameson (Picher,Okla)	4.5 W			ABANDONED
John Brown Universtiy (Mosley,Okla)	See Brown University under "New Facilities" -name changed			
John's Arpk.(Filppin)	0.3 NNW	620	27 S1	80 oct N,SE,S,NW blkd.
(P) Jonesboro (Ark)	3.5 ESE; RR all sides	264	44h S6	80,91 oct Use (Ark) rnwys
JOPLIN Range (Mo)	400(JH)(vhf)	172°, 6.2	BMRLZ-DTV	(4);116.1,122.1
(P) [Joplin] (Mo)	5 NNE;hwy S	981	43h L4 S2	80, 91 oct P-line NE
Kennett (Mo)	1.3 E,RR W	260	26	30' poles N
Kennon (Union City, Tenn)	3.2 WSW, hwy N			ABANDONED
King (Houston,Mo)	0.8 WNW	1180	15 S1	80 oct Poles S Hwy ESE
* Lebanon , 54B, AO-LS	2.5 SSE	1380	26 L3 S6	80 oct (Mo.) Hwy E.
Levee (W.Memphis, Ark)	2.4 E;RR N	215	24 L S4	80,91 oct Port rnwy lgts P-line N,S Wires W.
LITTLE ROCK Range (Adams) (Ark)	353 (LI) (116.1)	313°, 3.8	SBRAZ-DTV	(3); 116 1, 122 1
* Luxora Int,39,NO-LS	1 WNW	240	31 L2	(Ark). Hwy S S blkd.
McFarland (Springfield)	4 SSE;hwy E	1310	34 S6	80 oct. P-line S,NW(Mo)
(P) McLaughlin (Hot Spgs, Ark)	See Hot Springs Memorial Fld under "New Facilities" - Name changed			
Macarin (Marion, Ill)	4.6 WNW	470	35 S6	80,91 oct. Hwy W
(A) Malden AAF (Mo)(A)	3.5 NW;RR E	296	50h	CLOSED
Manila	1.6 NE	240		Cattle on fld.
Marks (Miss)	1.5 NW;hwy S	165	22 S2	80 oct.Trees N.E.
MEMPHIS Range (Tenn)	371 (PS) (116.1)	356°, 2.1	SBRAZ-DTV	(3); 116 1, 122 1
MEMPHIS Tower (Tenn)	278 (126.18, 118.7)		AC (ILS)	(4); 126 18,122 5,118 7 See Notice to Airmen
(A) [Memphis] (Tenn)	5.9 SSE; RR 2 NE	269	52h L6 S1	80,91,100 oct ps -1 lgt acft.Rdo rgrd.P-line SW
Memphis Flying Service (Tenn)	11 SE;RR 3 NW	286	35 L4 S6	80,91 oct P-line S No bcn Lgts prior req Rnwy lgtg data unver
MEMPHIS NAS Tower	293 (142.74)		CN	3105; 142.74 (6-24)
(N) Memphis NAS (Tenn) (N)	16 NNE;RR NW	322	50h L5 S6	73 oct. Lgts on req
(P) Miami (Okla)	2.2 NNW	800	33h L1 S6	80,91 oct. RR E req
Milltown (Tuckerman,	4.5 E	244	45h	(Ark).Emerg only.
Monett (Mo)	1 NE;hwy S	1392	26 S4	80 oct.P-line SW
Monkey Island (Afton, Okla)	7.8 SE;RR NW	750	26 S1	80 oct.P-line W
Murphysboro (Ill)	3 N;riv SE		20 S1	80 oct Data unver
Neosho com. (Mo)	4.8 NNW	1140	27 S2	80 oct Obst sur fld.Hwy W
Neosho 43B,AO-SL(Mo)	2.8 SW;hwy N	1215	26 L3 S6	80 oct.P-line NE,W,NW
(P) Nevada (Mo)	3 NE;hwy N	850	36 L S6	80 oct. P-line SW,W,NW
Newport (Ark)	6 ENE;hwy N	237	50h S6	73,80,91 oct. Port lgts on req
Norman (Ola, Ark)	1.8 NNE			ABANDONED
North Cairo (Cairo,Ill)	3 NNW	312	24 S4	73 oct. RR E wet
Overholt (Cotton Plant)	3 W;hwy S,S	250	18 S1	(Ark) 80 oct,Ctn when
(P) Oxford (Miss)	6 S;hwy	300	29 S6	80,91 oct,Trees NW,Soft
Paris (Ark)	1.3 NE;RR W	500	23 S1	80 oct.SW,W blkd,P-line
Poteau (Okla)	1.5 SSW	460	19 S2	80 oct.P-line NW,NE,NE.
* Prairie du Rocher Int, 55, NO-LS (Ill)	0.5 S;RR NE	390	37 L3	Trees S, N.
(P) Prairieville (Palmyra,Ark)	3 W	205	45h	
Ramsey (Campbell,Mo)	1.6 SW;RR NW	295	18 S2	80 oct. NE.
Rogers (Ark)	2.7 N;RR E	1325	32 S6	80 oct. SE blkd.Trees
Rogers (Springfield.Mo	2.1 E;hwy W	1367	38 L4 S6	80,91 oct. Lgts prior req.
Rolla (Mo)	3.5 NE;rd S	1201	31 L S6	80,91 oct.Port rnwy lgts
Round Pond (Ark)	1.5 NNW	200	22 S2	80 oct. PRIVATE. SW
(P) Sanders (Walls,Miss)	1.8 S;hwy NW	210	51 S6	80,91 oct.Trees N,SSE,
Searcy (Ark)	2.8 S;RR E	260	21 S1	80 oct.P-line NE,SE
Sexton (Kennett,Mo)	2.8 SW;hwy E	263	26 S2	80 oct.
Sky Haven (W.Plains,Mo)	2.4 NW	1049	22	RR E.
Sloan (Black Rock,Ark)	0.5 NE;RR W	270	16	
Smith (Hasty,Ark)	3 SSW;rd E,S	1150	16 S1	80 oct. N,S blkd.
Springdale (Ark)	0.8 SSE; RR,5 S	1200	19 S4	80 oct. P-line NE,SW S,NW blkd.
SPRINGFIELD Range (Mo)	254 (SX) (vhf)	134° 4.3	SBRAZ-DTV	(4);116.1,122.1
(A) [Springfield] (Mo)	5.5 WNW; RR NE	1269	56h L5 S6	80,91,100 oct. 100 oct. JP-1 rnwyUse rnwys only
Steele (Blythev'l,Ark)	12.3 N			ABANDONED
Stilwell (Okla)	1.4 N;RR W	1125	18 S2	80 oct.
STUTTGART Range (Ark)	269 (DSA)	173° 4.5	MRLWZ	
(P) Stuttgart (Ark)	7 N;RR E	223	50h S6	80,91 oct.
Tahlequah (Okla)	4.3 N;rd E	1050	22 S6	80 oct.
(P) Thompson-Robbins (Helena, Ark)	6 NW;RR S	242	30 S3	73,80 oct
Toney (Pine Bluff,Ark)	2.5 N;hwy W	215	28 S2	80,91 oct.Twr NW lgtd
Tucker (Hughes,Ark)	1.1 S			ABANDONED.
Walcott #3 (Walnut Ridge, Ark)	14.2 ESE	285	45h	2 W of Walcott.CLOSED. NOT MAINT.Cattle on fld.
WALNUT RIDGE Range (AAF) (Ark.)	362 (DWR)	174°, 5.0	MRLWZ	
Walnut Ridge AAF (Ark)	4 NE;RR SE	275	50h	CLOSED.
* Whiteville Int, 49, DL-LV (Tenn)	0.6 NNW;RR E	494	30 L3	
Wilson (Memphis, Tenn)	11.5 SE;hwy W	320	26 S6	73 oct.
Wynne (Ark)	3.2 N;RR E	212	25 S3	80 oct. P-line E, SE

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. HEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MEMPHIS	109.9	333.8	86°	IM-	MM- ·-·-(0.69)	OM- --(4.0)
					MMK-201 ···	OMK- 215 ·—·
				IM-	MM-	OM-
					MMK-	OMK-

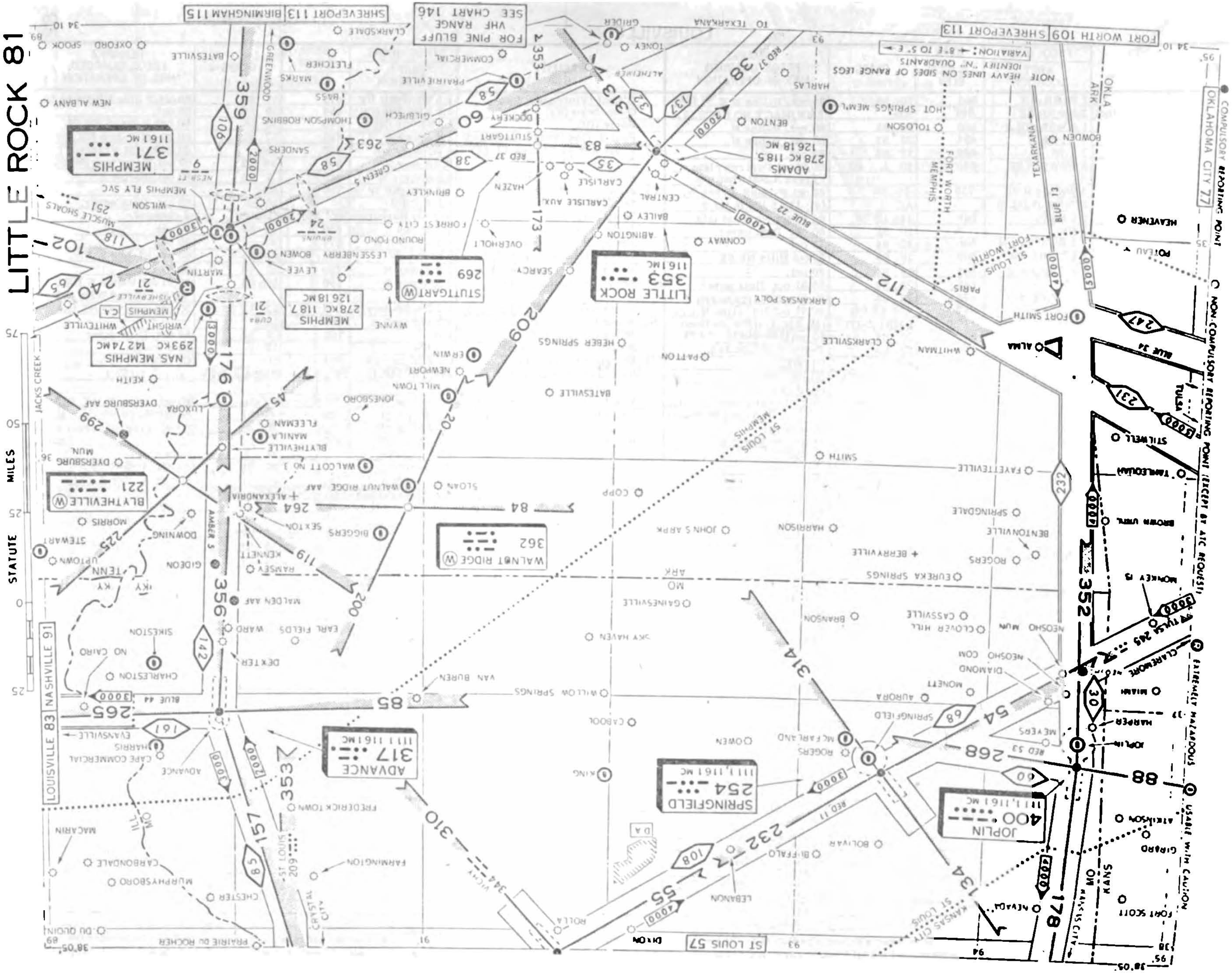
NEW FACILITIES

FACILITY	FREQ IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Spook (Pontotoc,Miss)	7 W;hwy N	3000	15 S1	80 oct.P-line N.
PINE BLUFF Range(Ark)	108.7 (PL)		VARW	
Clarksville (Ark)	2.5 E;hwy S	425	27 S1	P-line SE,WSW
Whitman (Czark,Ark)	1.2 NNW	600	25 S1	80 oct. Hwy SW Bldg SW.
Martin (Memphis,Tenn)	8 ENE;RR N	258	22 S6	80,91 oct.P-line S.
Czark Skyranch (Eureka Springs,Ark)	See Eureka Springs under "New Facilities" - name changed.			
Central(N Lit'l Rock,Ark)	5 ENE;hwy S	355	35 S4	80 oct.Trees W.Caution.
New Albany (Miss)	2 W;hwy S	450	15 S1	80 oct All apps blkd exc N,S
Wright (Memphis,Tenn)	9 N;hwy,RR E	214	35 S2	80 oct.P-line E.
Morris (Obion,Tenn)	0.3 NW	340	25	P-line S.
Uptown (Union City,Tenn)	1 NE;hwy SE	350	15 S4	80 oct.No sto.P-line S.
Keith (Henning,Tenn)	1 SW;RR S	350	17 S1	80 oct.Trees W,SW,E.
Toloson (Mt.Ida,Ark)	0.5 N	650	24 S1	73 oct.P-line both ends.Soft.
Lassenberry (Parkin,Ark.)	1.3 SW;hwy E	200	12 S2	80 oct.Trees N
Patton (Clinton,Ark.)	2.1 S,hwy E	755	25 S1	Ltd 80 oct,Trees sur fld.Soft.
Pocahontas (Ark)	8 S;rtr,Ils	30	30 S1	80 oct.
Aurora (Mo)	2.5 E;RR N,W	1350	24 S6	80 oct.E,SE blkd.P-line NE.
Alexander (Paragould,Ark.)	12 NE		25	Trees N,S.Data unver.
Stewart (Union City,Tenn)	5 ESE;hwy NE	345	18h L S6	80,91 oct.Flood lgts.
Meyers (Carthage,Mo)	2 S;hwy E	1007	26 L S6	80 oct.Port rnwy lgts.
Van Buren (Mo)	3.5 NE;hwy W	560	24 S6	80oct P-lineNE,SW,E,S
Harper (Joplin,Mo)	2.5 W;hwy N	1050	30 S6	80 oct.Obst sur fld.
Owen (Seymour, Mo)	3 NE;orchard E	1600	21 S2	80 oct.Use strip only
Gainesville (Mo)	2.0 ENE;hwy SW	1060	18 S1	80 oct.Trees NW
Fredericktown (Mo)	4.8 S;hwy W	1000	15 S2	80 oct.Trees S,NE;bldg N
Clover (Exeter,Mo)	0.7 WNW;hwy S	1530	13 L	Port lgts prior req.S blkd.
Willow Springs (Mo)	0.7 E	1220	20 S1	80 oct N blkd.
Downing (Hayti, Mo)	1.5 W;hwy S	270	16 S2	80 oct.P-line S.Use strip
Carlisle (Ark)	0.5 S;hwy N	240	26 S2	80 oct P-line N;trees S
Buffalo Mun.(Mo)	1.2 NW,hwy E	1200	13 S2	80 oct Trees NE
Cabool (Mo)	1 SW	1200	18 S1	80oct Trees N;p-line S
Dixon (Mo)	1.5 W;RR S	1220	16 S1	80oct TreesNNE,NW
Sikeston (Mo) [Ark.]	2 NE; RR S	315	58 S6	80 oct. P-line W.
(P)Hot Springs Memor'l	3 S;hwy N	525	41h L5 S6	30,91 oct. Lgts prior req
Eureka Springs (Ark)	6,5 NW;riv E	1150	24 S	80 oct,NW blkd.
Brown University(Mosley Okla.)	3.6 ESE;hwy S	1183	27 S6	80 oct.Appchs blkd.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 9117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs
◆ A.A.C.S. Scheduled Broadcast on 4795 kcs. (First Figure is Scheduled time. Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
—■— New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED Airports are lectured and non-capitalized

LITTLE ROCK 81



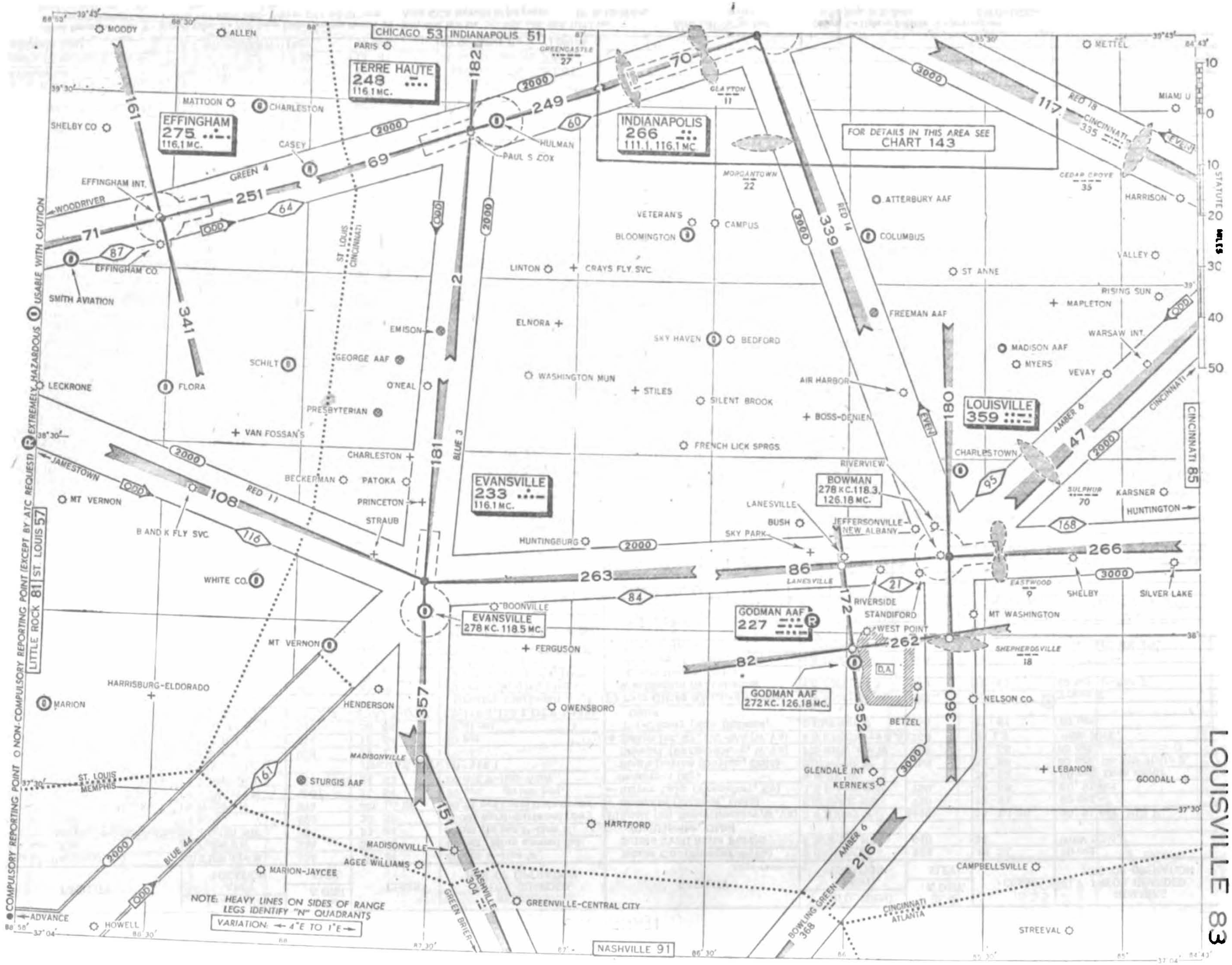
LOUISVILLE

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Allen (Arcola, Ill)	2 W;RR 6 N	665	20 S6	80 oct. P-line N,E. W blkd.
(A) Atterbury AAF (Columbus,Ind)	3.5 N;RR SE	651	50h	TMP INACT.NO FACS.(A)
B & K (Fairchild, Ill)	1.4 WSW;RR S	500	26 S5	80 oct. P-line N.
Beckerman (Mt. Carmel, Ill)	4 W; RR S	424	23 S2	80 oct. P-line N.
(P) Bedford (Ind)	3.5 SE	682	19 S6	80 oct.
(P) Bloomington (Ind)	5 WSW;RR SE	840	40 L S6	80,91 oct.Port rnwy lgts. Trees N,Soft when wet
Boss-Denien (Salem, Ind)	3 WNW;RR NE	730	24 S6	80 oct.P-line S.Trees W.
BOWMAN Tower (Louisville,Ky) [Bowman] (Ky)	278(126.18,118.3)		AC	(4); 122.5,126.18,118.3
Bush (Jeffersonville, Ind)	5.5 ESE	546	44h L5 S6	80,91 oct.No flood lgts.
Bush (Ramsey, Ind)	3 NE		20 S2	80 oct. Data unver.
Campbellville (Ky)	1.5 WSW;hwy N	680	12 S4	73 oct.
Campus (Bloomington, Ind)	2 ENE;RR NW	500	18 S4	80 oct.Hills NE,SE.
Casey (Ill)	1.5 ENE;RR S	883	22 S4	80 oct.
Charleston (Ill)	1 NW	645	26 S4	80,91 oct. Data unver
(P) Columbus (Ind)	1.3 SW;RR NW	690	26 S6	80,91 oct.Flares on req P-
EFFINGHAM Range (Int.)(Ill)	5 SSW;hwy E	617	45h L5 S4.	80,91 oct.No line N,E,W
Effingham Co. Mem'l (Ill)	275(EF)(116.1)	341°,0.0	BMRLZ-DTV	(4); 116.1 bcn,no flood.
* Effingham Int,10,LS-ID (Ill)	3.6 S;hwy W	585	30 S6	80 oct 122.1 Lgts on req
(A) Emison (Oaktown, Ind)(A)	2.5 N;RR E	608	26 L3	P-line E,SE.On req.
EVANSVILLE Range (Ind)	3.6 WSW	425	45h	CLOSED.
EVANSVILLE Tower (Ind) [Evansville] (Ind)	233(EV)(116.1)	177°,5.7	SBRAZ-DTV	(3);116.1,122.1
	278 (118.5)		C	(4); 118.5, 122.5
	4.5 NNE;bet RRs	383	60h L5 S6	80,91,100 oct.Twr W.Fld lgts on req.No floods
Ferguson (Richmond, Ind)	0.5 SE		13	Data unver.
Flora (Ill)	0.8 SW;RR N	490	35 S6	80 oct. P-line N,W.
(A) Freeman (Seymour, Ind) (A)	2 SW;hwy N	575	55h	CLOSED.
French Lick Springs (Ind)	1 SE;RR W	500	27h	
(A) George (Lawrenceville,Ill)(A)	4.5 NE;RR S	428	52h	CLOSED.
* Glendale Int,75B,DL-LV (Ky)	0.5 NE;RR W	702	25 L3	
GODMAN Army Range(Ft.Knox)	227 (DKX)	172°,3.1	BMRLZ	(Ky)
GODMAN Tower (Ky)	272 (126.18)		CA	(3); 126.18
(A) Godman (Ft. Knox, Ky) (A)	1 NW;RR E	740	52h L5 S4	73,91,100 oct. No sto.
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
Greenville-Central City (Ky)	1 NE;RR W	415	22 S4	80 oct.
Harrisburg-El Dorado (Ky)	Adj E	400	27 S1	80 oct. Data unver.
Harrison (Ohio)	2 ESE;hwy,5 SW	580	26 L1 S6	80 oct.P-line S.
Henderson (Ky)	4.7 WSW;hwy E	350	23 S1	80 oct.
Howell (Paducah, Ky)	4 WNW;RR S	371	20 S6	80 oct.All appchs blkd.
(P) [Hulman](Terre Haute, Ind)	5 ESE;hwy N	585	53h L5 S4	80,91 oct.Fld lgts prior req.
(P) Huntingburg,19,LS-LV (Ind)	3 S;RR E	500	31 L2 S4	80 oct.
INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3);116.1,122.1
Jeffersonville-New Albany (Jeffersonville, Ind)	2 NW;riv S	470	29 S6	80 oct.Poles SW.
Lawrenceburg (Ind)	See Valley under "New Facilities" - name changed.			
Lebanon (Ky)	3.5 NNW;hwy 1 SE	799	15 S4	80 oct.P-line E,SE
(P) Leckrone (Salem, Ill)	1.9 NW;lake NW	545	39 S6	80,91 oct.Flares on req.Der-
Linton (Ind)	3.3 E;RR S	500	19 S4	Ltd 80 oct. N.NE rick NW blkd.
LOUISVILLE Range (Bowman)	359 (LV)	269°, 1.4	SBMRLZ-DTX	(3) (Ky)
(A) Madison AAF (Ind) (A)	6 NNW;RR SW	850	50h	Closed to all acft.
Madisonville (Ky)	6 ENE;hwy SE	420	24 S4	80 oct. Use strips only.
Mapleton (Seymour, Ind)	2.7 E;hwy SW	630	18 S4	80 oct.P-line N,NE,Use strips
Marion Arpk (Ill)	1.8 ESE;RR S	430	29 S6	80 oct. All appchs blkd.
Marion-Jaycee (Crayne, Ky)	1 N;hwy E	650	20 S1	80 oct.
Mattoon (Ill)	4 E; RR N	720	23 S6	80 oct. Poles W.
Mettel (Connersville, Ind)	2.8 NNE	950	29 S2	80 oct. Bet RRs.
(P) Miami University (Oxford,O)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N,NW.
Moody (Dalton City, Ill)	2.2 S;hwy W	680	19 S6	80 oct. P-line N.
Mount Vernon (Ind)	1 E;bet hwy,riv	390	26 S1	80,91 oct 1-line N,W.
Mount Vernon (Ill)	2.5 ENE;RR S	465	27 L S6	80,91 oct.Temp port lgts.
Mount Washington (Ky)	0.5 NE;hwy E	720	20 S6	80 oct.P-line E,NE.
Myers (Madison, Ind)	2.2 N;RR W	960	24 S6	80 oct.N,NE,E blkd.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
O'Neal (Vincennes, Ind)	1.5 WNW;RR NE	415	33 S6	80 oct.P-line NE;trees N
Owensboro (Ky)	2.5 ENE;RR NW	484	29 S6	80 oct.
Paris (Ill)	3.8 NNW;RR E	740	30 S6	80 oct.P-line S,SW,W.
Paul S. Cox (Terre Haute,Ind)	3.2 S;hwy W	485	27 S6	80,91 oct.P-line NE,SW.
(A) Presbyterian Church #3 (A)	4 WNW;hwy E	430	45h	CLOSED (St.Francisv'l,Ill)
Princeton (Ind)	0.8 E;hwy N	502	18 S2	80 oct.Water tank SW,Wires W.
Riverside (Louisville, Ky)	7.5 SW;riv W	446	27 S4	80 oct.Hi-line E.
(P) St. Anne #2 (North Vernon,Ind)	2.3 NNE;RR W	750	45h	
Schilt (Olney, Ill)	1.5 E;RR S		30 S6	80 oct. Data unver.
Scottsburg (Ind)	See Air Harbor under "New Facilities" - name changed.			
Shelby (Shelbyville, Ky)	2.9 E;hwy S	850	19 S4	80 oct.
Shelby Co. (Shelbyville, Ill)	1.9 ESE;RR N	677	21 S6	80 oct.
Silent Brook (Orleans, Ind)	5 W;riv SW	650	21 S4	80 oct.Hi-line W,SW.
► Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80,91 oct.
(P) Sky Haven (Bedford, Ind)	2 SSW;riv S	650	36h S6	80,91 oct.P-line E,NE,S
Smith Aviation (St. Elmo, Ill)	1.3 SW;RR,hwy N	647	32 L1 S6	80'hill W end WSW rnwy
(NG) Standiford (Louisville, Ky)	4.3 SSE;hwy E	480	50h	80 oct. Bcn twr NE;poles N
Stiles (Shoals, Ind)	1 N	740	22 S2	
Straub (Cynthiana, Ind)	0.5 NW		13	80 oct. Data unver
(A) Sturgis AAF (Ky) (A)	1.5 ESE;hwy SW	371	50h	Data unver.
TERRE HAUTE Range (Ind) (Hulman)	248(TH)(116.1)	69°, 5.8	BMRLZ-DTV	CLOSED.
Van Fossan's (Mt. Erie, Ill)	0.5 N;lake NE		27 S1	(4);116.1.122.1
Veteran's (Bloomington, Ind)	2.5 W; RR N	890	26 S1	80 oct.P-line E,NW,SE.Data unver
Vevay (Ind)	1.3 ENE;riv S	450	20 S4	80 oct.Poles W.
* Warsaw Int,5,LV-CV (Ky)	0.8 SW;riv NW	485	30 L3	80 oct.Tree NE corner.Data unver
Washington (Ind)	3 W		21	Data unver.
Washington Mun. (Ind)	4.3 NNW	450	30 S4	80 oct. P-line SW,W
White Co. (Carmi, Ill)	1.1 NE;RR S	450	28 S1	80 oct. P-line S, SSE.
Agee Wms.Arpk (Madisonv'l,Ky)	1.5 SW;hwy N	450	18 S2	80 oct.Pwrline W,SW
Boonville (Ind)	0.5 NW	383	20 S1	80 oct. Pole SW, NW
Karsner (Monterey,Ky)	2 SE;hwy W	540	20 S2	80 oct. Poles SSE
Kernek's (Nolin, Ky)	2 ENE;hwy E	690	19 S1	80 oct.P-line NNE,NE,NE/SW
Rising Sun (Ind)	0.5 N;riv E	580	22 S4	80 oct.P-line SW,W,NW strip
Streeval (Knifley,Ky)	5.8 S;hwy E	835	20 S2	80 oct. P-line E,SE rough
West Point Arpk (Ky)	1.3 ENE;riv W,S	420	16 S6	80 oct.
Crays Fly. Serv.(Bloomfield,Ind)	4 W		18	Data unver.
Sky Park (Corydon,Ind.)	1.5 NW	650	32 S1	80 oct.Wires E.Data unver.
Riverview (Utica, Ind)	2.8 SW;riv S;hwy N	447	27 S6	80 oct.
Lanesville (Ind)	2 SW hwy N	650	17 S4	80 oct, W blkd.
Rising Sun (Ind.)	0.5 N	580	22 S1	80 oct,Wires W.Data unver.
Air Harbor (Scottsburg,Ind.)	1.5 W;hwys N,E	570	25 S4	80 oct.
Valley (Lawrenceburg,Ind.)	1 W SW;riv S	485	20 S4	80 oct. Hills NNE,WNW.
Betzel(Lebanon,Ky)	1.6 NNW;RR E	445	20	Trees N,S
Patoka (Ind)	1.5 W;lake N,E	500	22 S1	80 oct. P-line S,SE
Nelson Co.(Bardstown,Ky)	4.2 W;hwy S	650	21 S6	80 oct.Hedge NW,SSE.
Hartford (Ky)	0.3 S;hwy N	405	25 S2	80 oct.P-line N.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
► New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized


CHICAGO 53 INDIANAPOLIS 51
TERRE HAUTE 248 116.1 MC.
EFFINGHAM 275 116.1 MC.
INDIANAPOLIS 266 111.1, 116.1 MC
EVANSVILLE 233 116.1 MC.
EVANSVILLE 278 KC. 118.5 MC.
GODMAN AAF 227
GODMAN AAF 272 KC. 126.18 MC.
BOWMAN 278 KC. 118.3, 126.18 MC.
LOUISVILLE 359
FOR DETAILS IN THIS AREA SEE CHART 143
NASHVILLE 91
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°E TO 1°E
COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS USABLE WITH CAUTION
LITTLE ROCK 81 ST. LOUIS 57
CINCINNATI 65
LOUISVILLE 83

CINCINNATI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Abken (Raceland,Ky)	1.2 NW;riv N	555	22 S4	80 oct P-line W.
Ashland (Ky)	1 E;RR SW	535	27 S4	80 oct. Mtns around fld.
Attaway Air Ranch(Mason,Ohio)	4.2 S;RR NW	850	23 S4	80 oct.No sto.P-line E.
Bethel (Ohio)	1 ESE	890	30 S6	1500' hard-surfaced rnwy
[Blue Grass](Lexington,Ky.)	6 W;hwy N	978	40h L5 S6	80,91 oct.Lgts Data unver
Bollinger (Charleston,W.Va)	4.5 SW;riv N	900	21 S4	80 oct. prior req.
Campbell (Cincinnati, Ohio)	6.2 NNW;RR E	820	24 S2	80 oct.P-line WSW
CHARLESTON Range (W.Va)	400(KN)(116.1)		SBMRAZ-DTV	(4); 116.1
* Cherry Fork Int,4,CC-WA(Ohio)	0.5 NNW	939	39 L3	
Cheviot (Cincinnati, Ohio)	9 W;RR 1 E	914	18 S6	80 oct.
Chillicothe Skypark (Ohio)	1.8 N;riv W	640	30 S4	80,91 oct.
CINCINNATI Range (Lunken) (Ohio)	335(CC)(vhf)	227°,5.2	SBRAZ-DTV	(3);116.1,122.1.DTV lctd at Greater Cincinnati Arpt.
Cincinnati Inc.(Sharonville)	2 SE	860	29 S6	80 oct. (Ohio) NE blkd.P-
Clark (Winfield, W.Va)	5 N St. Albans	600	27 S6	73 oct.No sto.Riv E. line N.
CLINTON AAF Range (Ohio)	114.3 (DWO)		VARW	(8-1630 Mon-Fri)
CLINTON CO Army H Fac.(Ohio)	201		MHW	0.2 mi end Rnwy 22(8-1630, Mon.-Fri.or on 30 min.not.
CLINTON CO.Tower (Ohio)	272 (126.18, 137.88)		CA (ILS-W) (GCA)	(3);126.18,137.7
(A) Clinton Co.AAF (Wilmington)	2 SE;hwy NE	1062	60h L5 S1	73,91,100 oct.IP-1.(Ohio)(A)
Cool Meadow (Lexington,Ky)	4.8 NE;hwy 1 W	910	28 S6	80, 91 oct.Allway fld.
Falmouth (Ky)	2.3 SE;riv E	750	16 S2	80 oct.Trees NE,SW
Goodall (Danville, Ky)	4.2 S;hwy W	990	27 S4	80 oct.WNW,SW blkd.
GREATER CINCINNATI Tower(Ky)	221(126.18,118.5		AC (ILS)	(4);126.18,118.5,122.5 Call:
(P) [Greater Cincinnati](Covington)	8.2 W;riv NE	890	55h L6 S6	80,91 oct.(Ky) Kenton Twr.
Hamilton (Ohio)	2.5 SE;RR S	615	29 S6	80,91 oct.Poles SE,SSW.
Harrison (Ohio)	2 ESE;hwy .5 SW	580	26 L1 S6	80 oct.P-line S
Hightman (Lebanon, Ohio)	3 E;RR W	880	16 S1	Trees W,E.80 oct.
Hinton (W. Va)	4.8 WSW;RR E	2600	26 S4	80 oct.P-line NNW.
Hinton-Alderson (Pence Spgs)	1 E;riv,RR S	1520	26	Hill W, E. (W.Va)
HUNTINGTON Range (W.Va)	236 (HI)(116.1)	75°, 2.3	BMRLZ-DTV	(4); 116.1
(P) Huntington(Chesapeake,Ohio)	2 WSW;riv S	560	29h S6	80, 91 oct.
Jody (London, Ky)	2.7 SSE;hwy E	1240	25 L S2	80 oct. Flood lgts.
Jones (Chillicothe, Ohio)	7.2 SE;RR SW	720	24 S2	80 oct.P-line E.
Knore (Minford, Ohio)	2 SE;RR 1 W	670	20 S6	80 oct.No sto.P-line N,S.
Lakewood Arpk (Cincinnati,O)	9.5 NNW	870	20h S6	80,91 oct.P-line E
Lancaster (Ohio)	2.5 E;RR N	830	25 S6	91 oct,P-line E,N.
LEXINGTON Range (Ky)	108.3 (LM)		VARW	
Logan (W. Va)	7.2 NNW;riv E	630	15h S1	80 oct. Hill S,N.
Loving ,35A,NA-WA(Pulaski)	2.8 N;hwy jct NE	2200	28 L3 S4	80 oct.P-line E. (Va)
LUNKEN Tower (Ohio)	227 (118.7)		AC	(4); 118.7, 122.5
(P) [Lunken](Cincinnati, Ohio)	4.3 SE;RR SW	488	41h L5 S6	80,100 oct.
Marietta (Ohio)	1.8 ESE;riv S	616	27 S4	80 oct.House NE,bridge NW
Maysville (Ky)	4.8 NW;riv N	555	26 S4	80 oct.
(P) Miami University (Oxford,Ohio)	2.2 WSW;RR W	1040	40 S6	80 oct.Poles N, NW.
(P) Middletown (Ohio)	1.5 N;riv N	653	40 S4	80 oct.Poles E, SW.
Morris (Williamson, W.Va)	5 NNW;RR E	600	12 S1	80 oct. P-line S.
Mt.Healthy (Cincinnati,Ohio)	9.5 NW;hwy E	870	22 S6	80 oct.Trees WSW,NE,ENE
Narrows (Va)	1 E;RR S	1550	2052	Ltd 80 oct.Trees W.
North Hamilton (Ohio)	4.5 NNE;RR W	620	19 S4	80 oct. No sto. Poles S.
Ohio University (Athens,Ohio)	1.5 E; RR S	640	40 L S6	80 oct. Port rnwy lgts.
Paris (Ky)	1.2 NNE	850	20 L S1	80 oct.Flood lgts NE,SW. NW blocked.
Parks Watson (Cincinnati,O)	9 NE;RR E	865	26 S6	80, 91 oct.
PAYNESVILLE H Fac. (W.Va)	356 (IR)		H	(6-23)
Princeton (W.Va)	1.7 SW;hwy E	2450	20 S4	80 oct.
PULASKI Range (Loving)(Va)	272(US)(116.1)	247°, 2.1	SBMRAZ-DTV	(4); 116.1
Raven Rock (Portsmouth, O)	3.5 WSW;riv SE	538	24 L3 S6	80,91 oct.P-line NW.
Ravenswood (W. Va)	0.6 NNW;RR W	600	23 S1	Ltd 80 oct.Obst sur fld.
Reed's (Watertown, Ohio)	4.9 W;hwy E,S	820	13 S1	80 oct.P-line NE.Rdo re-
Richlands (Va)	2.7 WSW;RR NW	1950	18 S6	80 oct.Hill E, pairs.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Roane Co. (Spencer,W,Va)	1 SE;hwy N	954	18 S1	80 oct.
Scioto Trail State Forest (Chillicothe, Ohio)	8 SSE;RR NE	640	24	WSW blkd.
(P) Scott (Mt.Hope)(Beckley,W,Va)	2.6 N;hwy W	2440	33 L1 S6	80, 91 oct. Hill E.
Shumate (Jackson, Ohio)	8 SSE;RR NE	720	20 S1	80 oct.
Silver Lake (Frankfort, Ky)	3.2 E;hwy N	750	20 S6	80, 91 oct.
Somerset (Ky)	5 N;RR W		20 S2	80 oct. Data unver.
South Dayton (Dayton, Ohio)	5 SSW;RR W	750	32 S6	80 oct. No sto. Hills S.
Stewart (Parkersburg, W.Va)	2.3 NNW;riv W	602	33 S6	80 oct.
* Sutton Int, 21, CC-WA (W.Va)	3.6 ENE;hwys E,S	1264	31 L3	Pole NNE.
Tri-County (New Holland, Ohio)	3 ESE;RR N	850	21 S1	80 oct.
(P) Twin Cities (Gallipolis,Ohio)	1.8 ENE;riv SE	563	30	Trees E.
Washington (Washington Court House, Ohio)	4.5 ENE;RR S	910	22 S3	80 oct. P-line S.
Wolfords (Amanda, Ohio)	0.8 E;RR NW	960	13	
Zaleski (Ohio)	1 SSW;RR NW	705	22	Trees,hill NE,SW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

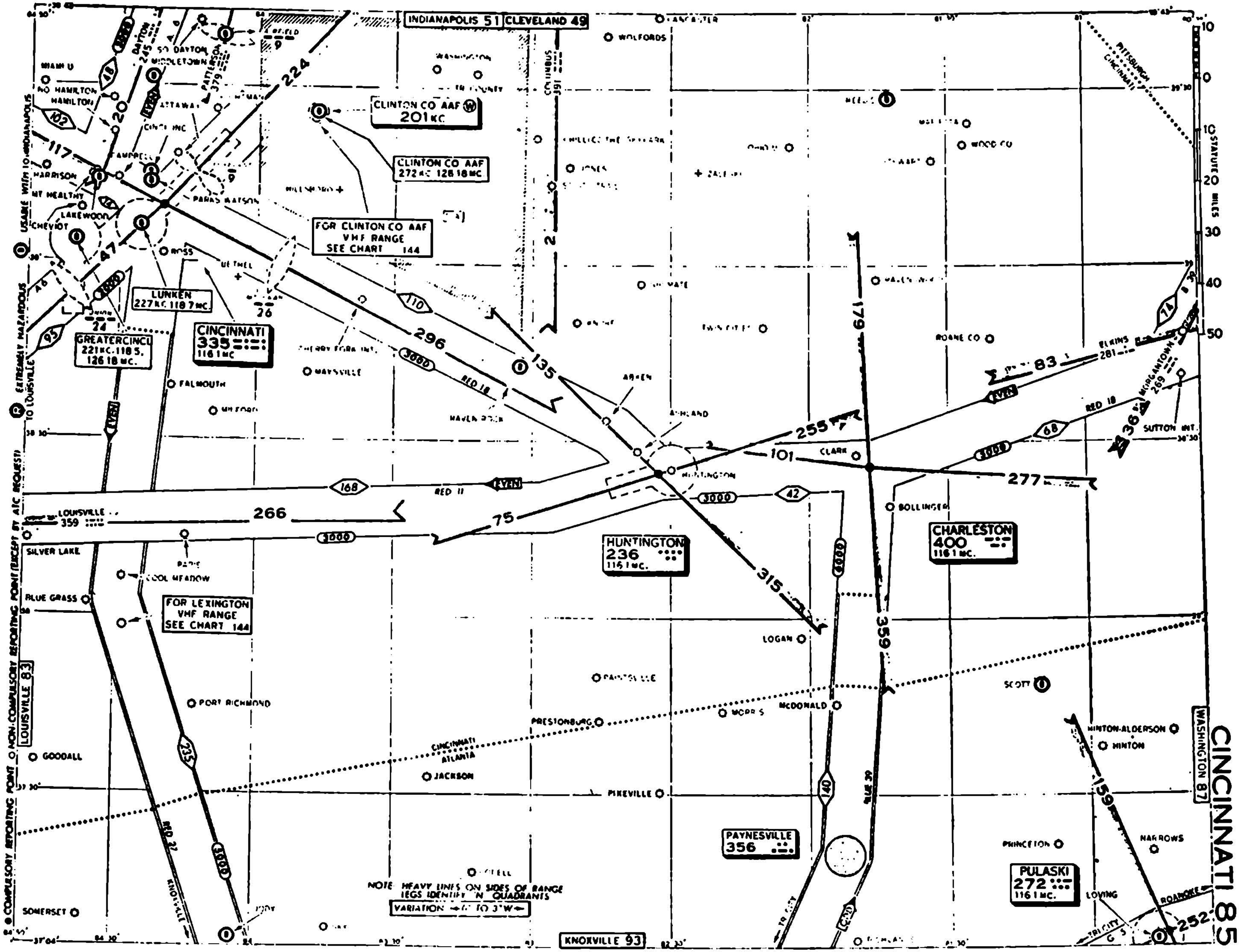
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CLINTON CO. (A)	109.5	332.6	320°	IM- (0.05)	MM-	OM-
					MMK-	OMK-
GRTR. CINCINNATI	109.9	333.8	360°	IM-	MM- (0.6)	OM- (4.3)
					MMK- 206	OMK- 215
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Huntington (W. Va)	See Huntington Airport, Chesapeake, Ohio			
Milford (Ky)	0.1 SE;hwy W	500	18 S1	80 oct.
Codell (Darfolk,Ky)	1.6 WSW	860	20 S2	80 oct.Ctn-mtns sur fld.
Prestonburg (Ky)	2.7 N;RR W	575	18 S2	80 oct.P-line S;mtns all sides.
Sky (Manchester,Ky)	2.7 SE;RR W	850	21 S1	80 oct.Mtns sur fld.
Hillsboro (Ohio)	5 W;hwy S		20 S2	80,91 oct.Use strips.Data unver.
Port Richmond (Richmond,Ky)	4.6 E;hwy S	975	18 S1	80 oct.
Ross (Melbourne,Ky)	1.4 ESE;riv NE	475	20 S2	80 oct.P-line SE.
Pikeville (Coal Run,Ky)	0.8 ESE;RR S	675	22 S1	80 oct.Trees NW,SE.
McDonald Fld (Man,W.Va.)	2 WNW;riv N	620	25 S1	80 oct. 0.5 NW Taplin
(P) [Wood County](Parkersburg, Jackson (Ky) [W.Va.)	7 NE;hwy E	835	45h L5 S6	80,91,100 oct.Lgts emerg only
	1.3 SE;riv NE	750	12	Hills SE,NW.
Paintsville (Ky)	2.3 ENE;RR E	630	16 S2	80 oct.Ctn,mtns NE,W,SW.

RADIO: S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4496, 6210 kcs. (4)-3105, 4496, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)-Voice on 116.1 and 111.1 mcs. +-Army A.C.S. transmits on and guards 116.1, 127.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h-hard surfaced runways. L-Lighting facilities. S-Servicing (see page XIII) -◆- New or revised data. [Jones]-Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


INDIANAPOLIS 51
CLEVELAND 49
CLINTON CO AAF
201 MC
CLINTON CO AAF
272 MC 126 18 MC
FOR CLINTON CO AAF
VHF RANGE
SEE CHART 144
LUNKEN
227 MC 118 7 MC
CINCINNATI
335
116 1 MC
GREATER CINCI
221 MC 118 5
126 18 MC
FOR LEXINGTON
VHF RANGE
SEE CHART 144
HUNTINGTON
236
116 1 MC
PAYNESVILLE
356
CHARLESTON
400
116 1 MC
PULASKI
272
116 1 MC
KNOXVILLE 93
LOUISVILLE 83
WASHINGTON 87
CINCINNATI 85
USABLE WITH 10 INDIANAPOLIS
10 LOUISVILLE
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS
VARIATION 4° TO 3°W
STATUTE MILES
10
0
10
20
30
40
50
WOLFORDS
MIAMI U
NO HAMILTON
HAMILTON
MIDDLETOWN
DAYTON
SO DAYTON
ATTAWAY
HARRISON
MT HEALTHY
LAKEWOOD
CHEVIOT
ROSS
LEBANON
MAYSVILLE
FALMOUTH
MAYSVILLE
ASHLAND
ROANE CO
WOOD CO
JONES
ELKINS
MORGANTOWN
SUTTON INT
CLARK
HUNTINGTON
BOLLINGER
SILVER LAKE
COOL MEADOW
BLUE GRASS
PORT RICHMOND
GOODALL
JACKSON
PIKEVILLE
LOGAN
PAINTSVILLE
McDONALD
MORRIS
PRESTONBURG
SCOTT
HINTON-ALDERSON
HINTON
PRINCETON
NARROWS
LOVING
ROANOKE
TRI CITY
SOMERSET
CINCINNATI ATLANTA
RED 18
RED 11
RED 22
IVEN
3000
4000
5000
5500
6000
6500
7000
7500
8000
9000
10000
11000
12000
13000
14000
15000
16000
17000
18000
19000
20000
21000
22000
23000
24000
25000
26000
27000
28000
29000
30000
31000
32000
33000
34000
35000
36000
37000
38000
39000
40000
41000
42000
43000
44000
45000
46000
47000

WASHINGTON

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Altavista (Va)	5.7 ENE;riv 2 S	650	21	
ARCOLA Range (Va)	233 (EC)(116.1)		SRAZ-DV	(3);116.1
Augusta (Waynesboro,Va)	6 WSW;riv SE	1420	24 S4	80 oct.P-line E.
Baker (Burlington, W.Va)	0.5 NNE;hwy S	740	19 S4	80 oct.
BALTIMORE Range (Md)	257 (BO)(116.1)	15°,2.4	SBMRLZ-DTV	(3);116.1,112.1
BALTIMORE Tower (Md)	278(126.18,118.9)		C	(4);118.9,122.5,126.18
(NG)[Baltimore Mun] (Md)	6 SE;RR NE Harbor S	14	46h L5 S6	80.91 oct;100 oct prior req; stacks NW,SE;no maint for
Bedford (Va)	1.3 WSW;RR N	105C	16	PRIVATE NG.
(P)Benedum (Clarksburg, W.Va)	6 E;RR 1.14 S	1200	38h S6	80,91 oct.Smudge pots emer
BLACKSTONE Range (Va)	326 (KT)(116.1)	133°,5.5	BMLZ-DTV	(4);116.1
(A)Blackstone (Va)	2.5 ESE;hwy N	440	53h L5	Rnwy lgts on req.ARMY TM INACT;CIVIL FACS.
Boone (Ronceverte,W.Va)	2 N;hwy SE	2175	19 S6	80 oct.
BRANDYWINE Range (Md)	379 (BDW)(116.1)		SMRLZ-DV	(3);116.1
Bufford's (Montvale,Va)	0.5 S;hwy N	1000	33 S6	80 oct.100 'hill E.
BYRD Tower (Richmond,Va)	396 (126.18,118.7)		AC(ILS-W)	(4);122.5,118.7,126.18
(A)[Byrd] (Richmond,Va)	7.3 ESE;RR S	167	50h L5 S4	73,100 oct.
CAP(Westminster,Md)	2.6 N;hwy E	780	20 S4	80 oct.P-line E,NE.
Central (Va)	2.5 ENE;RR W	172	45 S6	80 oct.Poles WNW,SE.
Colonial Hgts (Petersburg,Va)	2 NNE;RR W	60	25 S1	80 oct.
Covington (Va)	1 E;reservoir E	1500	18 S6	80 oct.
Covington-Clifton Forge (Va)	6.5 E;hwy S	1115	24 S4	80 oct.
Culpeper (Va)	1 SW;quarry W	400	17 S6	80 oct.P-line NE,SW.
(P)Cumberland (Md)	2.5 S;riv N,S	780	58h L5 S6	80,91 oct.Mts SW.Bcn inop.
Currell's (Weems,Va)	1 N;jct of rivs		17 S1	80 oct.P-line SE.Use strips only.Data unver.
DAHLGREN NAF Tower (Va)	375 (142.74)		CN	(3);142.74 (8-16 except Sun)
(N)Dahlgren NAF Proving Grounds (Va) (N)	0.5 E	20	40h L5 S2	100 oct.CLOSED.
Elk Garden (W.Va)	0.1 SSW;RR NW	2275	12 S1	80 oct.P-line NW.
ELKINS Range (W.Va)	281 (EK)(116.1)	174°,2.9	SBMRAZ-DTV	(4);116.1 P-line NW.
(P)[Elkins] (W.Va)	2.6 S;riv W	1988	45h L5 S4	80,91 oct.Fld lgts on req.
Elkton (Va)	3 NW;mtn W	1100	19 S1	80,91 oct.P-line SW.
Farmville (Va)	2.5 NW;riv N	325	20 S6	80 oct.Hill W.
Forman (Terra Alta,W.Va)	1 N;hwy W	2750	18 S4	80 oct.No sto.Data unver.
Frederick City (Frederick,Md)	1.8 E;riv E,N	305	49	
FRONT ROYAL Range (Va)	359 (FZ)(116.1)		SBMRAZ-DTV	(4);116.1
Gordonsville (Va)	2.9 NE;RR S,SE	475	18 S6	80 oct.Trees NE,SW.
★★ Gordonsville Int,51,NA-WA (Va)	5 SSE	438	31 L3	P-line SW.
(P) Greenbriar (White Sulphur Springs, W.Va.)	2.3 W;hwy N;RR S	1795	35h S4	80,91 oct.
Hagerstown (Md)	4.2 N;hwy E	700	39h L3 S6	80,91 oct.Lgts on req.
Harcum (Va)	0.2 NW	85	40	Poles.Rnwy data unver.
Hartman (Harrisonburg,Va)	1 NW	1350	27 S6	80,91 oct.Rnwy data unver.
Hermitage (Richmond,Va)	3.2 NNW;RR W	200	20 S6	80 oct.Trees,poles E,W.
Hopewell (Va)	3.3 E;riv N	20	24 S6	91 oct.
Hummel (Hartfield,Va.)	3 N	30	21	Obst sur fld.
Ingalls (Hot Springs,Va)	3 S;hwy W	3780	34 S1	80 oct.Closed winters.
LANGLEY Army Range (Va)	221 (DLY)	102°,3.8	SBMRAPZ-DT	(3)
LANGLEY Tower (Va)	278 (126.18)+		CA (GCA)	(4);126.18
(A)Langley (Va) (A)	3 N Hampton	10	70h L5 S6	73,91,100 oct.JP-1.
Leesburg (Va)	0.7 ESE;hwy S	280	20	P-lines NE.
Lewis (Buckhannon,W. Va)	2.4 W;hwy N	1435	18 S4	80 oct.Hills sur fld.
Lexington (Va)	2.7 SW;hwy S	1200	17 S1	73 oct.P-line NE,SW.
★★ Lively Int,6,NW-WA (Va)	3.4 WSW;riv W	15	34 L3	Trees,bldgs NW.
(P)Louis Bennett (Weston,W. Va)	3.2 N;RR E	996	37	Hill S;p-line WNW.
Luray (Va)	1.5 S;hwy W	900	19 S1	80 oct.Fence NNE,SSW.
LYNCHBURG Range(Preston Glenn) Marlinton (W.Va)	206(LB)(116.1) 1.5 NNE;RR SE	165°,1.9 2475	SBRAZ-DTV 21 S2	(4);116.1 (Va) 80 oct.Hill WNW.
MARTINSBURG Range (W.Va)	209 (MR)(116.1)	35°,2.9	SBMRLZ-DTV	(4);116.1
(P)Martinsburg (W. Va)	4 S;hwy W	550	50h L5 S6	80,91,100 oct.No flood lgts.
Mexico Farms (Cumberland,Md)	3 S;RR E	630	36 S2	80 oct.Mtns E.
Midway (Chester,Va)	2 E;hwy S	178	26 S6	80 oct.P-line W.
Moorefield (W. Va)	0.8 NE;RR W	980	26 S4	80 oct.Trees WNW.
(P)Morgantown (W. Va)	2.2 ENE;hwy NW	1256	36h L3 S6	80,91 oct.
MOUNT VERNON MH Fac	269 (W)	209°,8.2	FMHW	cont.(Washington,D.C.)
New Markert-Timberville	3.4 E;RR E	975	21 S1	80 oct.(Timberville,Va)
North End (Martinsburg,W.Va)	2.5 NNE;RR W	515	28 S2	80 oct.P-line S.
Northfield (Richmond,Va)	6.5 N;riv NE	180	18 S4	80 oct.
Orange County (Orange,Va)	4 E;hwy S		26 S2	80 oct.Data unver.
Parnell (Richmond, Va)	4 S;RR E,W	120	19 S6	80,91 oct.P-line NW.
PATUXENT RIVER Navy Range (Md)	215(NHK)	57°,4.4	MRLZ-D	(3);142.74
PATUXENT RIVER NAS Tower (Md)	347(142.74)		CN(GCA)	(3);142.74
(N)Patuxent River NAS (Md)(N)	2.9 NE Jarboes	38	97h (L6)S4	91,100 oct.JP-1.NATS.
Petersburg (Va)	6.2 WSW;RR N	190	50h	
★ Petersburg Int,29,CC-WA(W.Va)	1.2 WSW;riv N	945	27 L2 S4	80 oct.
(N)Piney Point (Md)	0.8 WNW	10	14h	Use rnwys only.
PRESTON GLENN Tower (Va)	248		C	(4)
(P)[Preston Glenn](Lynchburg,Va)	6.7 SSW;RR SE	935	40h L5 S6	80,91 oct.
QUANTICO Navy Range (Va)	203 (NYG)	20°,4.6	MRLZ	3105, 4495
QUANTICO MCAS Tower (Va)	3295 (142.74)		CN	(3);142.74
(N)Quantico MCAS (Va)(N)	1.2 SSW;RR W	10	42h L5 S6	73,91,100 oct.
Radford (Va)	1 SW;RR N,W	1950	18 S1	80 oct.P-line W.
Reynolds (Culpeper,Va)	4 NNE;rd W	470	19 S4	80 oct.Trees NNE,SSW.
RICHMOND Range (Va)(Byrd)	260 (RW)(116.1)	20°,1.9	SBRAZ-DTV	(3);116.1
Ridgeway (Bunker Hill,W.Va)	2.3 SSW;RR E	600	20 S6	80 oct.P-line SSW.
ROANOKE Range (Va)(Woodrum)	371 (RO)(116.1)	349°,1.8	SBRAZ-DTV	(3);116.1
Romney (W. Va)	2.1 NNE;riv W	750	16 S2	80 oct.Mtns WNW,ESE,SSE.
Shannon (Fredericksburg,Va)	1.6 SSE;riv E	50	23 S6	80 oct.
Shenandoah (Va)	0.5 SW;hwy W		19 S1	Data unver.
Staunton (Va)	4.4 NE;RR NW	1300	26 S6	80,91 oct.P-line NNE.
Stevens (Frederick,Md)	5.8 N;hwy E	440	28 S6	80 oct.NE blocked.
Stokes (Front Royal,Va)	2.5 W;riv E	735	19 S2	80 oct.P-line S,E.
Taneytown (Md)	2.9 WNW	500	23 S4	80 oct.SW blocked.
Tappahannock (Va)	0.8 W	30	40h	8000' strip available.
Timberlake (Lynchburg,Va)	9.5 SW;RR N	950	26	
(P)University of Va (Charlottesville,Va)	5 ESE;riv E	300	35 S6	80,91 oct.Trees ESE. data unver.
Valley (Waynesboro,Va)	1.7 NNE;RR E	1245	29 S6	80 oct.P-line E,SSW.Rnwy
V.P.I.(Blacksburg,Va)	1.3 SSE;RR W	2100	30h L S6	80,91 oct.Flood lgts only.
WASHINGTON Range (D.C.)	332(WA)(116.1)	25°,0.9	SBRAZ-DTV	(3);116.1
WASHINGTON NAT'L Tower (D.C.)	278(126.18,118.5, 118.1)		AC (ILS) (GCA)	(4);118.5,118.1,126.18, 122.5
A,N)[Washington National](D.C.)	2 S Monument	17	69h L6 S2	80,91,100 oct.JP-1 on req. Rdo rqrd.FOREIGN CLEAR STN.NATS.
Waynesboro (Va)	3 W;hwy N	1500	26 S1	80 oct.Trees WSW.
WEBSTER Tower (Md)	3345 (142.74)		CN	3105;142.74(24 hrs adv not).
(N)Webster (Beechville,Md)(N)	0.8 WSW;riv N,W	21	50h	Trees ENE.
(P)West Point (Va) Va)	2.3 ESE;riv SSW	24	50h S4	80,91 oct.
William & Mary (Williamsburg,	3 NNW;RR SW	105	29 S4	80,91 oct.Trees NE,SW,W.
Winchester (Va)	3 SSE;hwy E,S	700	22 S6	80 oct.
WOODRUM Tower (Va)(Roanoke)	278 (118.5)		AC	(4);126.18,118.5,122.5
(P)[Woodrum](Roanoke,Va)	4.2 NNW;hwy E	1162	43h L5 S6	80,91,100 oct.100 oct Army
Zieger (Warrenton,Va)	3.7 S;hwy NE	440	20 S4	80 oct.Hill WNW.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

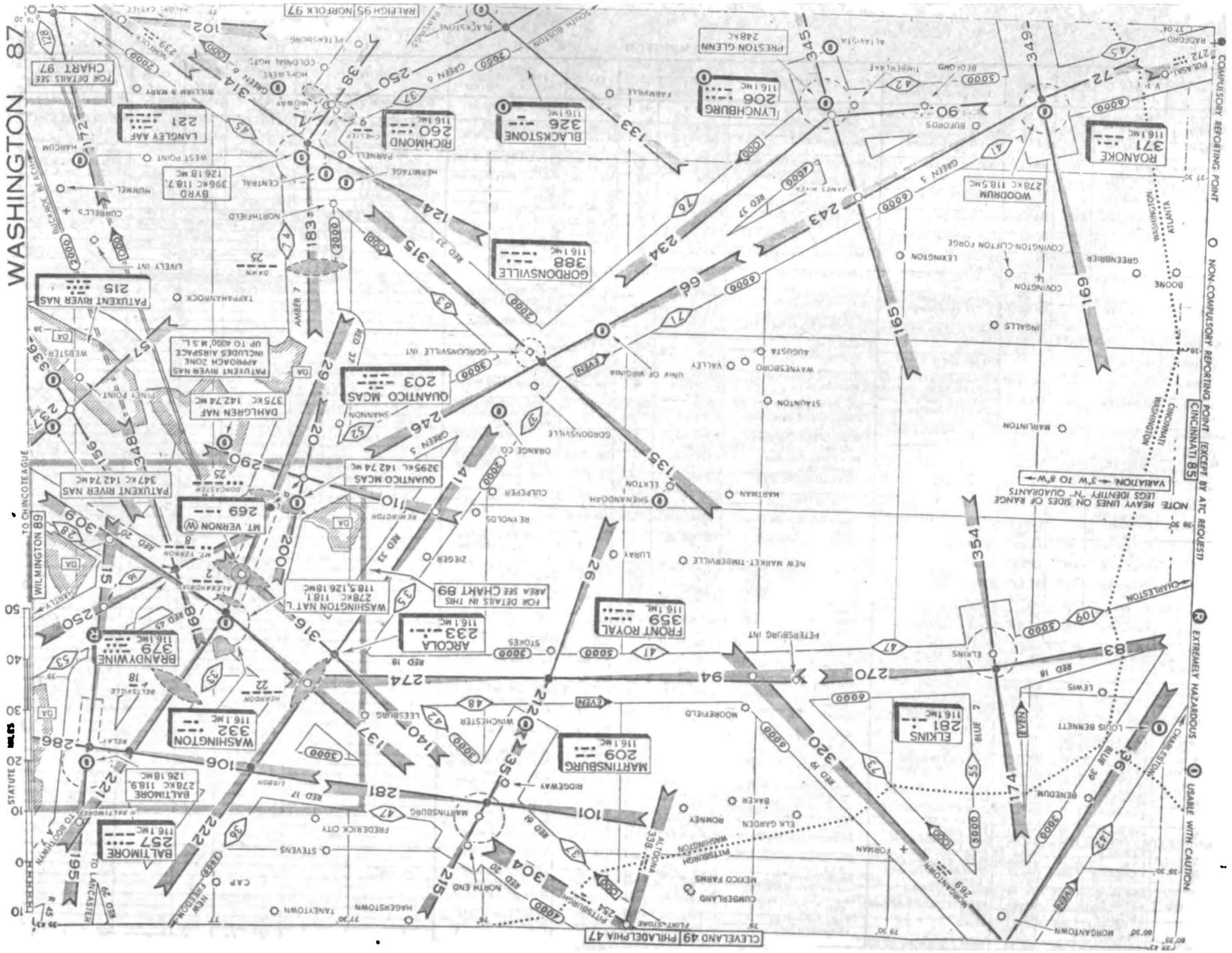
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
→ BYRD	109.9		63°	IM-	MM- •—•— (0.90)	OM- — — (4.36)
					MMK-	OMK-
WASHINGTON	109.9 •— — •	333.8	360°	IM- •••••• (0.03)	MM-	OM- — — (3.60)
					MMK-	OMK-

NEW FACILITIES

GORDONSVILLE Range(Int)(Va)	388(GI)(116.1)	135°,2.5	SBMRAZ-DTV	(4); 116.1

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


WASHINGTON 87
RALEIGH 95 NORFOLK 97
CHART 97
LANGLEY AAF 221
BYRD 396KC 118.7 126.18 MC
PATUXENT RIVER NAS 215
PATUXENT RIVER NAS APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
DAHLGREN NAF 375KC 142.74MC
PATUXENT RIVER NAS 347KC 142.74MC
MT. VERNON 269
WASHINGTON NAT'L 278KC 118.1 118.5,126.18MC
AREA SEE CHART 89
BRANDYWINE 379 116.1MC
WASHINGTON 332 116.1MC
BALTIMORE 278KC 118.9, 126.18MC
BALTIMORE 257 116.1MC
QUANTICO MCAS 203
QUANTICO MCAS 329KC 142.74MC
RICHMOND 260 116.1MC
BLACKSTONE 326 116.1MC
GORDONSVILLE 388 116.1MC
ARCOLA 233 116.1MC
MARTINSBURG 209 116.1MC
FRONT ROYAL 359 116.1MC
PRESTON GLENN 248KC
LYNCHBURG 206 116.1MC
ROANOKE 371 116.1MC
WOODRUM 278KC 118.5MC
ELKINS 281 116.1MC
FOR DETAILS SEE CHART 97
FOR DETAILS IN THIS AREA SEE CHART 89
VARIATION 3°W TO 8°W
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT CINCINNATI 85)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
TO CHINCOTEAGUE
TO WILMINGTON 89
CLEVELAND 49 PHILADELPHIA 47
STATUTE MILES

WILMINGTON

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Aberdeen (Md)	0.8 SW;hwy SE	60	24 S4	80 oct.
Aldino (Churchville, Md)	2.2 NE;RR SE	400	20 S6	80 oct.
Alexandria (Va)	4.5 SSW;hwy E	66	50 S6	80 oct. Trees, p-line sur fld
ANACOSTIA NAS Tower (Washington, D.C.)	396 (142.74)		CN	(3); 142 74 (7-sunset)
(N) Anacostia NAS (Washington, D.C.) (N)	2.4 SE of Monument	10	50h L5 S6	100 oct No bcn
ANDREWS Army Range (Md)	248 (DCM)	10°,1.2	MLZ	
ANDREWS Tower (Md)	317 (126.18)+		CA(ILS-W)(GCA)	(3); 126 18
(A) Andrews (Camp Springs, Md.) (A)	1.5 E;hwys N, W, NE	279	55h (L6) S6	80,100 oct. JP-1
Annapolis (Md)	2 S	25	18 S4	80,91 oct P-line SSW, twr SSE.
ANNAPOLIS NAF Seaplane Tower (Md)	2870 (142.74)		CN	3105, 2870, 6420; 142 74 (8-17)
ARCOLA Range (Va)	233 (EC) (116.1)		SBRAZ-DV	(3); 116 1
Atlantic City (N.J.)	1.3 WSW;RR N	11	31 S2	80,91 oct 350' tank E lgtd
ATLANTIC CITY NAS Tower (N.J.)	275 (142 74)		CN(GCA)	(3); 142 74 (8-sunset)
(N) Atlantic City NAS (N.J.) (N)	10 NW;RR NE	70	50h L5 S4	80,100 oct Lgts prior req.
BALTIMORE Range (Md)	257(BO)(116.1)	15°,2.4	SBMRLZ-DTV	(3); 116 1, 122 1
BALTIMORE Tower (Md)	278 (126.18, 118.9)		C	(4); 126.18, 118 9, 122 5
(NG) Baltimore Mun.] (Md)	6 SE;RR NE; harbor S	14	46h L5 S6	80,91 oct; 100 oct prior req; stacks NW, SE; no maint for
Beacon (Alexandria, Va)	3 SSW;hwy E	246	27 L4 S6	80,91 oct P-line SE, S & NG NW blkd. Flood lgts prior request.
Bellanca (New Castle, Del)	1.5 W;hwy N	30	25h L3 S6	80,91 oct. No bndry lgts P-line SW.
(N) Beltsville OLF (Md) (N)	5 ESE	180	44h	
Biggs (New Castle, Del)	1 NW;RR E	60	19 S6	80 oct. P-line NE
Blue Ridge (Herndon, Va)	4 WSW;hwy NE	280	30	P-line E
BOLLING Tower (D.C.)	212 (126.18, 137.88)+		CA	(3); 126 18, 137 88
(A) Bolling (Washington, D.C.) (A)	3 SSE of Monument; riv W	20	60h L5 S6	80,91,100 oct E blkd
BRANDYWINE Range (Md)	379 (BDW) (116.1)		SMRLZ-DV	(3); 116 1
Bridgeville (Del)	1.7 SE;hwys S, W	40	22 S6	80 oct. P-line NW
Bridgeton-Deerfield (Bridgeton, N.J.)	8.5 N;hwy E	125	19 S2	80 oct P-line E
Bucks (Bridgeton, N.J.)	3.7 NNE;RR SE	100	20 S4	80 oct P-line S, W
(CG) Cape May CGAS (N.J.) (CG)	2.5 ENE	13	35h	CLOSED
Capital (Berwyn, Md)	2 NW;RR E	70	20	Not maintained
Cavoli's (Richland, N.J.)	1.5 W;RR N	100	20 S6	80 oct P-line NNE; trees WNW
CHINCOTEAGUE Navy Range	227 (NKZ)	98°,4.5	MRLZ	3105, 4495; 142 74 (Va)
CHINCOTEAGUE NAAS Twr. (N) Chincoteague NAAS (Va) (N)	3295 (142.74)		CN	(3); 142 74 (8-17) (Va)
	4.5 WNW; hwy S	38	60h L5 S4	100 oct
Clarke (Ocean City, N.J.)	See Ocean City under "New Facilities" - name changed.			
College Park (Md)	8.5 NE of D.C.	50	22 S6	80,91 oct S, NW blkd RR NW
Columbia (Croom, Md)	3 E;riv E	40	33 S6	80,91 oct Trees N, NW
Congressional (Rockville, Md)	2 SSE;hwy E	450	33 S6	80 oct P-line E, NE Allway field
Crossroads (Alexandria, Va)	4.5 N.W;hwy NE	250	27	
Curtis (Brandywine, Md)	3 SSW;RR E	200	18	P-line N, W
Davis (Gaithersburg, Md)	7.5 NNE;hwy E	640	26 S6	80,91 oct Trees ESE.
Delmarvia (Salisbury, Md)	2.8 NE;hwy W	45	21 S6	80 oct P-line N, E, NE
De Vries (Lewes, Del)	1,3 NW;bay N	10	20	
Diffendahl (Baltimore, Md)	11 ESE;riv S	20	23 S2	80 oct. Trees all appchs
Dixie (Annapolis, Md)	10.7 W;hwy N	120	22 S4	80 oct.
Dover (Del)	2.2 N;RR W	37	25 L S6	80,91 oct Port flood lgts P-line W, SW.
(A) Dover AAF (Del) (A)	4 SE;hwy E	28	70h L1	TMP INACT.
Downstown (Landisville, N.J.)	1.8 WNW;RR S	120	25 S6	80,91 oct. Obsts sur fld.
[illegible] (Md)	2.2 N;RR E	66	40h L S6	80,91 oct. Port lgts.
(A) Edgewood Arsenal (Md) (A)	1.3 S	18	50h L5 S4	91,100 oct. No bcn. CLOSED
Erco (Riverdale, Md)	0.4 NE;RR W	50	15h S2	90 oct. 2800' strip avail CLOSED
Falls Church (Va)	2 SW;hwy N	350	25 S4	80 oct. E, N blkd.
Faybrook (Rock Hall, Md)	1.5 NNW;bay W	20	14 S1	80 oct. Trees WNW, NNE, E
Forked River (N.J.)	1 ESE;riv S	12	18 S4	80 oct.
(A) Fort Meade (Md) (A)	0.5 NE; center of resery.	180	19h S1	80 oct
Gill (Chestertown, Md)	1.5 NNE;RR W	60	32 S2	80 oct. P-line W, SW; NW blk
Glenburnie-Whipp (Glenburnie, Md)	1 E;hwy W	56	30 S6	80 oct. P-lines sur fld.
Greenwich (N.J.)	2.5 W;riv SW	30	21 S6	80 oct. Trees N
Harrington (Del)	1.5 E;RR 1 S	50	27 S1	80 oct. P-line SE, SW, W, WNW
Hickman (Ocean City, Md)	7.5 NW;riv S	15	25 S4	80,91 oct Flares on req.
Holly Brook (Laurel, Del)	1.5 N;RR, hwy W	40	25 S1	80 oct.
Hyde (Clinton, Md)	2 WSW	249	32h L S6	80,91 oct Port flood lgts on req.
Johnson (Ononcock, Va)	1 ESE;RR E	35	22 S1	80 oct
Kellam (Weirwood, Va)	0.3 SW;RR E	15	21 S4	80 oct. Trees NW
Kent (Worton, Md)	1 N;RR S	60	23 S2	80 oct.
Kroelinger (Vineland, N.J.)	2.5 NNW;RR E	100	16 S6	80 oct. P-line S, E
Laurel (Del)	1.5 SW;hwy E	30	19 S2	80,91 oct P-line SE
Lee Annapolis (Annapolis, Md)	4.8 WSW;hwy E	30	28 S1	73,91 oct P-line ESE Rnwy data unver.
Lovett (Elkton, Md)	3.1 NNE;RR 1 SE	140	22 S4	80 oct
Manassas (Va)	2.7 NW;RR S	250	22 S6	80 oct Obsts sur fld
MARTIN Tower (Md)	317		C1	(4) (8-sunset Mon.-Fri.)
Martin (Baltimore, Md)	10 E;RR N	18	70h	PRIVATE.
Maryland (Pomonkey, Md)	0.2 S;RR S	170	32 S6	80,91 oct SSE blkd.
Mattaponi (Croom, Md)	1.6 SE;hwy 1 W	30	31 S1	80 oct.
(P) Melfa (Va)	1.3 W	48	70h	
Midway (Showell, Md)	1.1 SE;hwys W, S	20	30 L S4	80 oct. P-line SSW Flare pots on req.
MILLVILLE Range (N.J.)	365 (NV) (116.1)	144°,4.3	SBRA-DTV	(4); 116.1
(P) Millville (N.J.)	3.3 SW;lk N	68	50h L5 S6	80,91 oct Flood lgts on req.
MOUNT VERNON H Fac. (Va)	269 (W)	209°,8.2	FMHW	(Cont.) Washington, D.C.
NEW CASTLE Range (Del)	350 (NC)	19°,2.8	MRLZ	Replies on twr freq except on req.
NEW CASTLE CO Tower (Del)	219 (118.5, 126.18)		CI	(4); 118 5, 122 5, 126 18
New Castle Co (New Castle, Del)	4 SW;hwy SE	75	70h L5 S6	80,91 oct; 73,100 oct NG Emerg rprs mil acft
Oliver (Milliville, N.J.)	1.3 NE;rds NW	50	19 S6	80 oct P-line N
Parksley (Va)	0.6 WNW	25	18 S4	80 oct.
Penns Grove (N.J.)	3 SE;lk ENE	10	23 S4	80 oct Obsts sur fld
PHILADELPHIA SW Range (Pa)	266 (PG) (116.1)	97°,3.0	SBMRAZ-DTV	(4); 116 1
PHILLIPS Tower (Md)	215 (126.18)		CA	(3); 126 18 (8-18 Mon thru Fri) (8-1630 Sat & Sun.)
(A) Phillips (Aberdeen, Md) (A)	3.2 S;RR W	57	50h L5 S1	100 oct. CLOSED.
Pimlico (Baltimore, Md)	6 NW	449	32 S6	80,91 oct E blkd
Pleasant Valley (Arcola, Va)	2.7 ESE	320	20 S2	80 oct. N blkd
Pocomoke (Pocomoke City, Md)	1.6 E;hwy NW	10	18 S4	80 oct P-line NW
QUANTICO MCAS Navy Range (Va)	203 (NYG)	20°,4.6	MRLZ	3105, 4495
QUANTICO MCAS Tower (Va) (N) Quantico MCAS (Va) (N)	3295 (142.74)		CN	(3); 142.74
Queens Chapel (Hyattsville, Md)	1.2 SSW;RR W	10	42h L5 S6	73,91,100 oct
Red Lion (St. Georges, Del)	1.5 W;hwy NE	34	19 S6	80 oct. NE blkd P-line SE
Rehoboth Acft. (Rehoboth Beach, Del)	3.2 N;hwy W	50	19 S4	80 oct
Rock Hall (Md)	2.5 W;hwy N	10	35 L S6	80,91 oct Port lgts on re P-lines WNW, E, W.
Rutherford (Baltimore, Md)	2.4 NNE; hwy W	30	30 S4	80 oct
Salem (N.J.)	7 W;RR W	500	23 S6	80 oct. Twr N
Salisbury (Md)	2 ESE;rd S	15	22	CLOSED
Schrom (Greenbelt, Md)	5.3 ESE	52	50h L5 S1	91 oct. Lgts prior req.
	0.3 SW;hwy W	177	50h L S6	80,91 oct Flood lgts on req. SSE blkd
Seabrook (Bridgeton, N.J.)	4.5 NE;RR W	110	24 S1	80 oct P-line W, WSW.
Shady Side (Md)	1.8 SSW	10	15 S4	80 oct. SSW blkd.
Shallcross (Middletown, Del)	1.2 NNW	60	26 S4	80 oct. N, E, S blkd.
Smith (Cape May, N.J.)	2.2 NE;hwy NW	20	19 S2	80 oct. P-line E, NW.
Smyrna (Del)	0.8 E;riv 0.5 N	20	18 S2	80 oct. S blkd. P-line N
Springfield (Annandale, Va)	3.5 SSE;RR E, N	240	20 S4	80 oct. Obsts sur fld
Star Harbor (Williamstown, N.J.)	0.8 N;hwys SE, NW	150	18 S1	80 oct. P-lines ENE, SSW, WSW.
Sunglo (Dover, Del)	1.3 S;hwy W	30	13 S1	80 oct. P-line NNE
Sussex (Frankford, Del)	1.5 N;hwy W	30	20 S4	80 oct. Port flares on re
(P) Sussex Co. (Georgetown, Del)	1.5 E;RR NW	51	50h L5 S1	80,91 oct. Lgts prior rec
Toms River (N.J.)	1.3 N;hwy W	70	21 S1	80 oct. Bush N, ESE
Vineland (N.J.)	4.3 SW;RR 1 E	65	24 S6	80 oct. P-line E. Use center of strips.
WASHINGTON Range (D.C.)	332 (WA) (116.1)	25°,0.9	SBRAZ-DTXV	(3); 116 1
WASHINGTON NATIONAL Tower (D.C.) (A,N) [Washington National] (Washington, D.C.)	278 (126.18, 118.5, 118.1)		AC (ILS) (GCA)	(4); 126.18, 122 5, 118 1, 118.5
	2 S of the Monument	17	69h L6 S2	80,91,100 oct JP-1 on req. FOREIGN CLEARSTN, Rdo rgrd NATS
Webb (Easton, Md)	2.5 E	50	26 S6	80 oct. P-line S, SE.
Wildwood (N.J.)	6 WNW;RR E	22	50h S6	80 oct.
(P) Woodbine (N.J.)	2 SE	39	33h L1 S6	80,91 oct Bcn on req.
Woodstown (N.J.)	3 NW;hwy N	100	22 S4	80 oct. Hedge SSE.

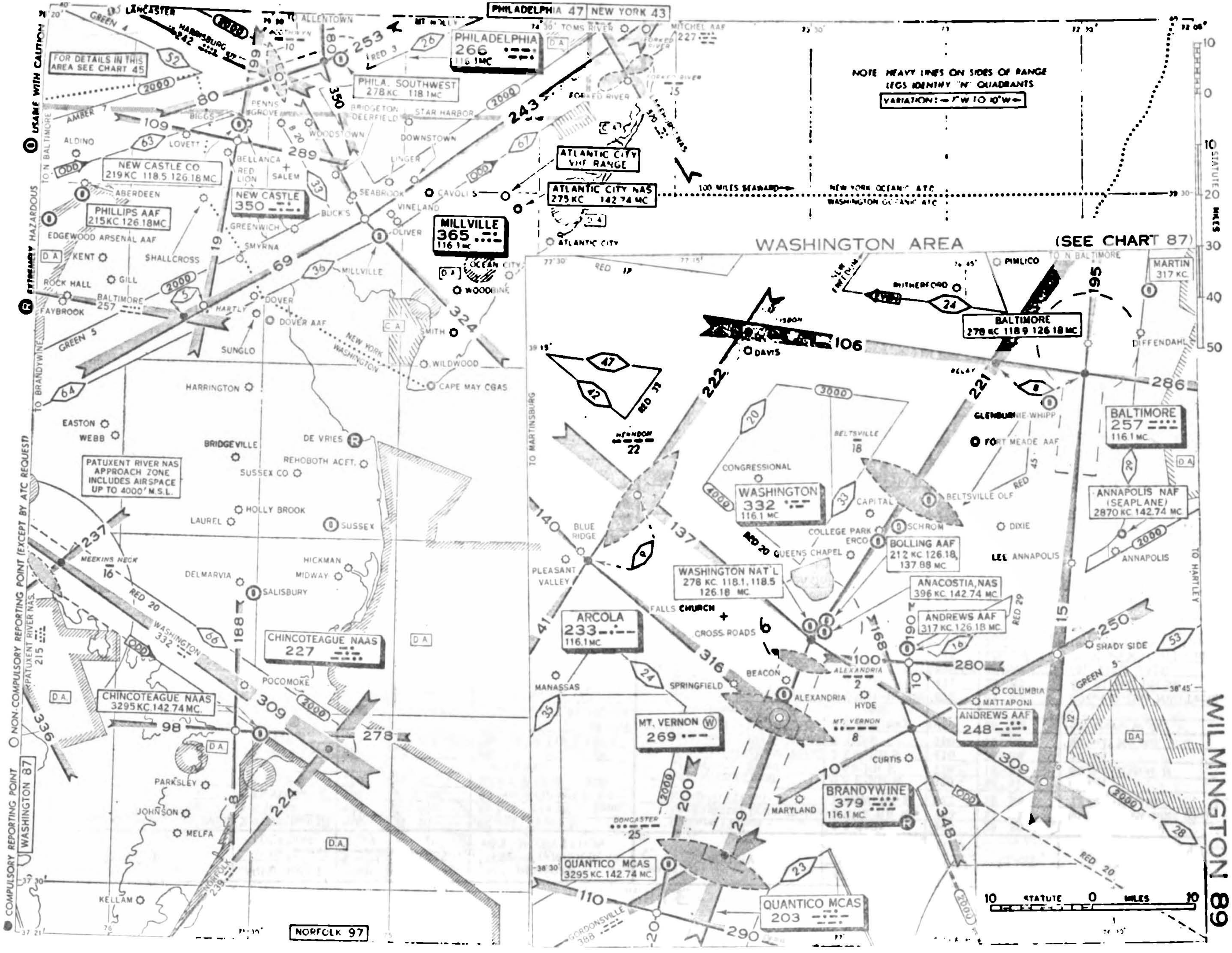
INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs., Compass Locator in kcs.)

LOCATION	LCLZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)
ANDREWS (L6) (A)	110.3	335	10°	IM- (0.05) MM- (1.20) OM- MMK- 379 OMK-
WASHINGTON	109.9	333.8	360°	IM- (0.03) MM- ° OM- (3.60) MMK- OMK-

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Ocean City (N.J.)	NEW FACILITIES 2.8 SW;RR SE	8	24 S4	80 oct. Rnwy data unver.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➡ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


PHILADELPHIA 47 | NEW YORK 43
PHILADELPHIA 266 116.1 MC
PHILA. SOUTHWEST 278 KC 118.1 MC
FOR DETAILS IN THIS AREA SEE CHART 45
NEW CASTLE CO 219 KC 118.5 126.18 MC
NEW CASTLE 350
PHILLIPS AAF 215 KC 126.18 MC
EDGEWOOD ARSENAL AAF
MILLVILLE 365 116.1 MC
ATLANTIC CITY VHF RANGE
ATLANTIC CITY NAS 275 KC 142.74 MC
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 7°W TO 10°W
WASHINGTON AREA (SEE CHART 87)
BALTIMORE 278 KC 118.9 126.18 MC
MARTIN 317 KC
BALTIMORE 257 116.1 MC
ANNAPOLIS NAF (SEAPLANE) 2870 KC 142.74 MC
WASHINGTON 332 116.1 MC
BOLLING AAF 212 KC 126.18, 137.88 MC
WASHINGTON NAT'L 278 KC 118.1, 118.5 126.18 MC
ANACOSTIA, NAS 396 KC 142.74 MC
ANDREWS AAF 317 KC 126.18 MC
ARCOLA 233 116.1 MC
MT. VERNON 269
ANDREWS AAF 248
BRANDYWINE 379 116.1 MC
QUANTICO MCAS 3295 KC 142.74 MC
QUANTICO MCAS 203
PATUXENT RIVER NAS APPROACH ZONE INCLUDES AIRSPACE UP TO 4000' M.S.L.
CHINCOTEAGUE NAAS 227
CHINCOTEAGUE NAAS 3295 KC 142.74 MC
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
WASHINGTON 87
NORFOLK 97
WILMINGTON 89
STATUTE MILES

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
(P) Abernathy(Pulaski,Tenn	3.6 SSW;hwy NE	650	31 S1	80 oct. Trees E.
Ashland City (Tenn)	1.8 WNW	400	22 S6	80 oct. Riv SW. req.
Athens (Ala)	3.2 NNW;hwy E	780	27 L S4	80 oct Strip lgts prior
Baldwyn (Miss)	0.5 E;rd S	380	15 S2	80 oct S blkd Soft when wet
Beaver Dam (Decatur)	7 E;RR 3.5 N	580	20	(Ala)
BERRY Tower (Tenn)	278 (118.3, 126.18)		AC(ILS-W)	(4);126.18,118.3,122.5
(A) [Berry] (Nashville,Tenn)	6 SE;hwy S	606	55h L6 S6	Army 80-100 oct 73,91,100 oct.
Bomar Airways (Shelbyville, Tenn)	5 N;hwy W	825	22 S6	80 oct. P-line W.
BOWLING GREEN Range	368 (BA)	296°,3.8	SBMRAZ-DT	(4)
(P) Bowling Green (Ky)	2.5 SSE;hwy W	540	40h L5 S4	80,91 oct Fld lgts on req.to commun. stn.
Boyd (McMinnville,Tenn)	4.6 SW;RR N	1000	20	
Brown (Hohenwald,Tenn)	1 ESE; hwy S	950	20 S1	80 oct. P-line SE,SW
(A) Campbell AAF (Hopkinsville, Ky.) (A)	12.8 S;RR E	557	54h	TMP INACT-NO FACS. CLOSED.
CHATTANOOGA Range (Tenn)	341(CB)(116.1)	203°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
CHATTANOOGA-LOVELL Tower (Tenn)	278 (126.18, 118.9)		C	(4);126.18,118.9,122.5
[Chattanooga-Lovell]	5.5 E;RR E	678	45h L5 S6	80, 91 oct (Tenn)
Clifton (Tenn)	1.4 E Lake W	402	28 S1	80 oct.
Cookeville (Tenn)	1.5 NNE;RR N	1050	25 S4	80 oct Sto in emerg Poles W.
Corinth 7,PS-TM(Miss)	5 WSW;hwy N	418	55 L5 S1	80 oct.
Cornelia Fort (Nashv'l) Tenn)	6 ENE;riv E	420	30 L S6	80 oct Flood,strip lgts 2200, Mon thru Thurs.
Courtland (Ala)	1.8 W	588	50h	CLOSED
(P) Crossville,9,NA-WA	3.3 WNW;hwy S	1862	30 L3	(Tenn)
Cumberland (Nashville)	3 NNW;riv N	400	34 S6	80 oct. No sto (Tenn)
Dalton (Ga)	5.7 ESE;riv NE	700	22 S1	80 oct. Trees N.
Davenport (Ft.Payne,Ala)	1.1 NE;RR,hwy NW	1010	24 L S4	80 oct. Flares prior req.
DeSoto Park Land Strip (Ft.Payne, Ala)	6 NE;Top of mtn ridge	1556	18	Trees ESE,WNW,Rocky spots.
Dick's (Fayetteville,Tenn)	1.5 S;hwy E	600	14	P-line E.Trees W.
Franklin Air Svc.(Tenn)	1.3 WSW	645	18 S1	80 oct E blocked
Garnett (Hopkinsv'l,Ky)	5.5 SSE;RR W	550	23 S4	80 oct.
(P) Gill-Dove (Martin,Tenn)	3.5 S;hwy E	416	35 S6	80 oct.
* Graham Int,59,DL-LV	1.5 NW;hwy E	536	27 L3	(Tenn)
Graves Co.(Mayfield,Ky)	3.6 ENE;hwy S	543	26 S1	80 oct.
Guntersville Dam (Ala)	9.1 NW;hwy E	600	30	Reservoir S.P-line SE.
Hartselle (Ala)	1 WSW;hwy N	588	18 S4	80 oct. Ctn.
Humboldt (Tenn)	4.6 ESE;hwy W			ABANDONED.
[Huntsville] (Ala)	3.1 S;RR E	610	38h S6	80-91 oct. Hills NE,E,S.
(A) Huntsville Arsenal (A)	7 SW;RR NW	677	50h L5	(Ala)
JACKS CREEK Range (Int.) (Tenn)	332(JK)(116.1)	186°, 2.6	BMRLZ-DTV	(4); 116 1
* Jacks Creek Int.	2 N;hwy E	550	43 L3	53, DL-LV (Tenn)
NEW FACILITIES				
Flint Creek (Decatur,Ala)	5.5 SSE;hwy N	575	20	P-line NE.
Jackson (Tenn)	2.5 ENE	450	28 S6	80 oct. Hwy NW.
La Fayette-Trion (Trion)	3 NNE;RR W	722	21 S1	80,91 oct.SW blkd.(Ga)
Lebanon (Tenn)	1.8 SW;hwy E	522	28 S6	73 oct. No sto.
→ Lexington (Tenn)	0.5 E;RR W	520	18 S1	80 oct.
Lewisburg (Tenn)	0.5 S;RR E	720	18 S2	80 oct. P-line N
(P) McKellar (Jackson,Tenn)	5.8 W;RR S	410	36h S6	80 oct.
Madison Air Strip (Tenn)	2.3 ESE	560	19 S6	80 oct. No sto.
* Manchester Int,16A,AG-NA (tenn)	4.5 ESE;hwy SW	1090	29 L3	53' trees W, N.
Maury Co.(Mt.Pleasant)	2.5 ENE;RRSW	672	31 S2	80 oct P-line NW.(Tenn)
Milan (Tenn)	2.8 NNE	421	25 S5	80, 91 oct. RR SE.
MUSCLE SHOALS Range	251(ED)(116.1)	282°,4.6	SBRAZ-DTV	(4); 116.1 (Ala)
Muscle Shoals (Ala)	1.5 E;rd N	545	40h L5 S1	80,91 oct No fuel for mil acft.
NASHVILLE Range (Berry)	304(NA)(116.1)	246°,2.6	SBRAZ-DTV	(3); 116.1,122.1
North Sauty Base (Scottsboro, Ala)	3.2 SSW; Lake S	610	20 S1	80 oct.
Outlaw (Clarksville,Tenn)	7.4 NNW	550	37 S5	80 oct. RR W.
Paducah-McCracken Co (Paducah, Ky)	8.8 W;RR N	405	40h L5 S6	80,91 oct No sto. lgts H3R req.
Paris (Tenn)	4.3 NW;hwy N	500	28 S6	80 oct.No sto.P-line N.
Pryor (Decatur, Ala)	4 NNE;hwy W	588	44 S6	80, 91 oct. NW.
Rossville (Ga)	2.1 SSW	760	21 S1	80 oct.S blkd. Hwy E.
Sky Harbor (Murfreesboro, Tenn)	7.3 NW;hwy SW	560	39 S6	73 oct. No sto. Poles NE.
SMITHVILLE Range (Int.)	347(XM)(116.1)	177°,1.4	SBMRAZ-DTV	(4); 116.1 (Tenn)
* Smithville Int,5,NA-WA	1 E;rd S	1073	34 L3 S1	80 oct. (Tenn)
SMYRNA AAF Tower (Tenn)	219 (126.18)+		CA (ILS)	(3); 126.18
(A) Smyrna AAF (Nashville, Tenn)(A)	17 SE;RR SW	512	55h	TMP INACT-NO FACS.
S.T.College(Murfreesb'o)	2 E; hwy N	600	34 S4	80oct.Poles N.(Tenn)
Thomas(Chattanooga)	3 N;RR E	640	38	(Tenn)
University of South	1 8WNW;RR NE	870	23 S2	80 oct. (Cowan,Tenn)
Wilks (Fayetteville,Tenn)	2.5 NNW;hwy E	650	20 S2	80 oct.
(A) William Northern (A)	2 WNW;rd S	1081	50h	CLOSED. (Tullahoma, Tenn)
Wood-Dearing(Russellv'l,Tenn)	4 E	780	20 S4	Fuel from town

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

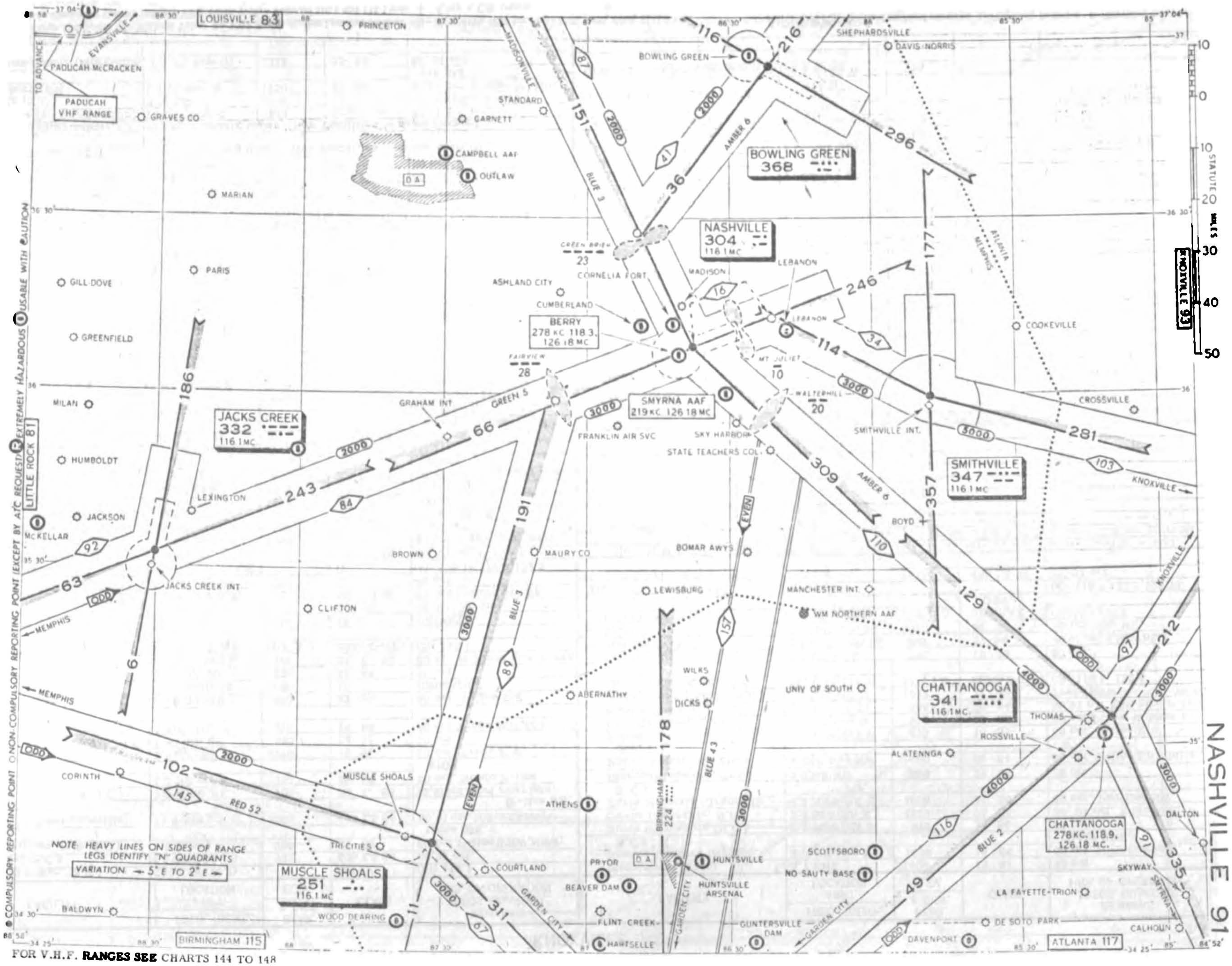
LOCATION	LCLZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
BERRY	109.9		14°	IM-	MM- •—•—(0.81) OM- — — (5.7)
					MMK-356 •—•• OMK-375 ••—•
SMYRNA AAF (A)	109.5	332.6	230°	IM- (0.04)	MM- •••••(0.81) OM- — — (4.31)
					MMK- OMK-
				IM-	MM- OM-
					MMK- OMK-

NEW FACILITIES

Greenfield (Tenn)	2 SSW;riv S	410	35 S1	80 oct. P-line N NW-
Moody(Oneonta,Ala)	1.5 NE;hwy 0.5 NW	790	18 S4	80 oct.Soft when wet blkd,
Abington (Beebe,Ark)	1.5 WSW;RR S	300	24 S1	80 oct.P-line SE,N,NE,
Princeton (Cedar Bluff)	4 SSW;hwy S	400	25 S1	80 oct.Trees SW.(Ky)
Standard (Elkton,Ky)	0.5 SW;hwy N	540	22 S1	80 oct.Water tank E of N
Marian (Hazel, Ky)	3.2 N;hwy E	532	21 S1	80 oct.Poles E,NE. end strip
Davis-Norris (Glasgow)	1.4 WSW;hwy SE	760	20 S1	91,80 oct.Muddy.
Skyway (Calhoun,Ga)	4.5 N;RR E	730	15 S1	80 oct.
Tri-Cities (Tuscumbia,Ala)	1.2 SW;hwy .5 ENE	500	26 S4	80 oct.
Alatennga (Bridgeport,Ala)	3 NNW;hwy SE	650	20 S4	80 oct.P-line NE.
Humboldt (Tenn.)	2.8 ESE;hwy SW	380	18 S1	80 oct.SW blkd.
Scottsboro (Ala)	2 NNE;RR SE	666	19 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ❁ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →— New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. **RANGES SEE** CHARTS 144 TO 148

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ANDERSON R-Rac. (S.C.)	236(AS)(116.1)		MHTV	(4); 116.1
Anderson (S.C.)	4.5 WSW;hwy S	783	50h L5 S6	80,91 oct.
Ashley (Honea Path, S.C.)	1.5 E;hwy N	780	21 S2	80 oct. P-line WNW,NNW; trees SSE.
(P) [Asheville-Hendersonville] (Asheville, N.C.)	11.5 SSE;RR 1 WNW	2090	40h L5 S4	80,91 oct. 100 oct Army. P-line NE.
(P) Barnsdale (Laurens, S.C.)	2.8 E;RR NE	700	30 L S6	73,91 oct. Port rnwy lgts.
Belmont (N.C.)	1.3 NE;riv E	740	20 S6	80 oct. No sto. P-line WNW.
Black Mountain (N.C.)	1.8 SW; RR N	2270	18 S6	80 oct. Trees E,W.
Bridges (Kings Mountain,N.C.)	1 SW;RR SE	930	24 S2	80 oct.
Bridges Arpk (Shelby, N.C.)	3.3 NE;lake W	975	18 S6	80 oct. Trees SSW,ESE.
Brockenbrough (Derita,N.C.)	3.8 WNW;RR E	800	22 S6	80 oct. P-line SSE.
Burris (Lincolnton, N.C.)	2.2 SW;RR SE	960	10	UNUSABLE.
Byers (Shelby, N.C.)	3 SE;RR SW	875	16 S4	80 oct.
Cannon (Charlotte, N.C.)	3 WNW; hwy S	788	24 L S6	80,91 oct. Flood lgts on req.
CHARLOTTE Range (Douglas) (N.C.)	212 (CF)(116.1)	359°,1.7	BMLZ-DTV	(3); 116.1
Chesnee (S.C.)	2 S; RR W	910	18	PRIVATE.
(P) Chester (S.C.)	5 NNE; RR W	709	50h S4	80 oct. No sto.
Chilhowie,29B,NA-WA (Va)	3.9 SE;riv N,SW	2100	34 L3 S4	80 oct. P-lines SW,NE.
Coulbourn (Lancaster, S.C.)	1 SSW;hwy SW	560	32 S4	80 oct.
DOUGLAS Tower (N.C.)	396 (126.18,118.9)		C	(4); 126.18,118.9,122.5
(P) [Douglas] (Charlotte, N.C.)	5.5 W;hwy .5 N	745	52h L5 S6	80, 91 oct. P-line N.
Elkin (N.C.)	2.8 SW;RR NNW	1100	24 S2	80 oct. Rnwy data unver.
Fairforest (Spartanburg,S.C.)	5.8 WNW;rd W	830	23 S6	80,91 oct.
Francis Marion-(Marion,N.C.)	2.5 NE;RR N	1450	19 S6	80 oct. Hill E
Franklin (N.C.)	1.2 ESE;riv W	1996	28 S2	80 oct.
Galax (Va)	6.5 S;hwy E	2575	19 S6	80 oct. Hill SSE.
Gastonia, mun. (N.C.)	4.5 SSE;hwy SW	800	30h L S1	80,91 oct. Port rnwy lgts. on req.
GREENVILLE Range (S.C.)	281(GC)(116.1)	2° ,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenville] (S.C.)	3.2 E;RR SE	1015	42h L5 S6	80,91 oct. 100 oct. in emerg. No bndry lgts.
GREENVILLE AAB Tower (S.C.)	272 (126.18)+		CA	(3); 126.18
(A) Greenville AAB (S.C.) (A)	7.5 SSE;hwy W	959	55h L5 S6	73,100 oct. JP-1. No sto.
H & H Flying Service (Brevard, N.C.)	1.5 ENE;riv S RR N	2140	20 S1	80 oct. P-line WNW
Hendersonville (N.C.)	1.5 ESE;hwy SW	2200	30 S6	80, 91 oct.
Hickory (N.C.)	2.2 W;RR S	1180	40h S6	80, 91 oct.
Island (Knoxville, Tenn)	2.5 E	831	43 S6	80,91 oct.
Jasper (Ga)	1.2 NNW;RR SW	1935	16 S2	80 oct.
Johnson City (Tenn)	3.8 NE	1650	21 S6	81 oct. No sto.
Josephson (Asheville, N.C.)	3 W;riv E	2200	20 S1	80, 91 oct.
King Field (Clemson, S.C.)	2.4 ENE;RR NW	900	20 S4	80 oct. Trees N.
Kings Mountain (N.C.)	3.5 SW;RR SE	980	23 S2	80, 91 oct.
KNOXVILLE Range (McGhee Tyson)Tenn.	257 (KX)(116.1)	192°,2.8	SBRAZ-DTV	(3); 116.1, 122.1
KNOXVILLE Tower (Tenn)	See Mc-Ghee Tyson under "New Facilities" - name changed			
(P) [Knoxville-McGhee-Tyson] (Knoxville, Tenn)	See McGhee-Tyson Arpt listed in alphabetical order-name changed			
Lakeside (Dandridge, Tenn)	6.5 E;hwy S	1000	23	
Le Tourneau (Toccoa, Ga)	2.5 NE;RR S	950	31 L2 S6	80, 91 oct. Poles SSW.
Lincolnton (N.C.)	3.2 ENE;hwy S	960	30 S6	80 oct. P-line SSW
MEMORIAL Tower (S.C.)	See Spartanburg under "New Facilities" - name changed			
(N,P) [Memorial] (Spartanburg,S.C)	See Spartanburg under "New Facilities" - name changed.			
(P) [McGhee-Tyson] (Knoxville)	12 SSW;hwy E	988	50h L6 S	80,91,100 oct.
Micaville (N.C.)	1 S; RR W	2500	21	N,S blocked. Creek E.
Middlesboro (Ky)	1.2 W; hwy S	1150	23 S6	80,91 oct. P-line W. Mtns sur. fld.
Morganton-Lenoir (Morganton, N.C.)	7.5 NE;hwy W	1253	33 S2	80, 91 oct.
Morristown (Tenn)	5.7 ENE	1400	19 S1	73 oct.
Newton-Conover (Newton, N.C.)	2 N;RR,hwy E	1030	15 S6	80 oct. NNE blocked. Trees ENE.
North Wilkesboro (N.C.)	1.3 WSW;riv S	970	15 S6	80 oct.
Owens (Asheville, N.C.)	2.3 SSW;RR E	1988	25 S6	80, 91 oct. E blocked.
Paris Mountain (Greenville, S.C.)	4.2 NNW;RR E	1006	21 S6	80 oct. Pwr line NW.
Pierce (Kingsport, Tenn)	3 S;RR NW	1210	22 S6	80 oct.
Powell Valley (Big Stone Gap, Va)	4 ESE;hwy NW	1700	25 S4	80 oct. P-line ENE;hills W.
Pulaski Co. (Sumerset, Ky)	3.5 SSW;hwy E	675	16 S1	80 oct. P-line E,W.
Rice (Monticello, Ky)	1.8 NE;hwy W	920	18 S2	80 oct. P-line W. Mtns E.
Roddey (Rock Hill, S.C.)	2.7 SW;lk 0.5 S	664	28 S4	80,91 oct. ESE blkd. P-line
Rutherford (Spindale, N.C.)	1.5 SSE;RR N	1012	17 S4	Trees NNW. WSW.
SPARTANBURG Range (S.C.)	248 (SU)(116.1)	58°, 1.6	SBRAZ-DTV	(3); 116.1, 122.1
Spindle City (Gastonia, N.C.)	3.2 E;hwy N	795	19 S2	80 oct.
Statesville (N.C.)	3.6 WSW; RR SE	990	27 S6	80,91 oct. S,SSW blkd.
Sylva (N.C.)	2.4 NE;hwys SE	2039	25 S2	80 oct. Mtn NE.
TRI-CITY Range (Tenn)	221 (TI)(116.1)	252°,3.3	SBMRAZ-DTV	(3);116.1,122.1
TRI-CITY Tower (Tenn)	278(118.7)		C	(4); 118.7,122.5,126.18
(P) [Tri-City] (Bristol,Tenn)	14.5 SW	1518	45h L5 S6	80, 91 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

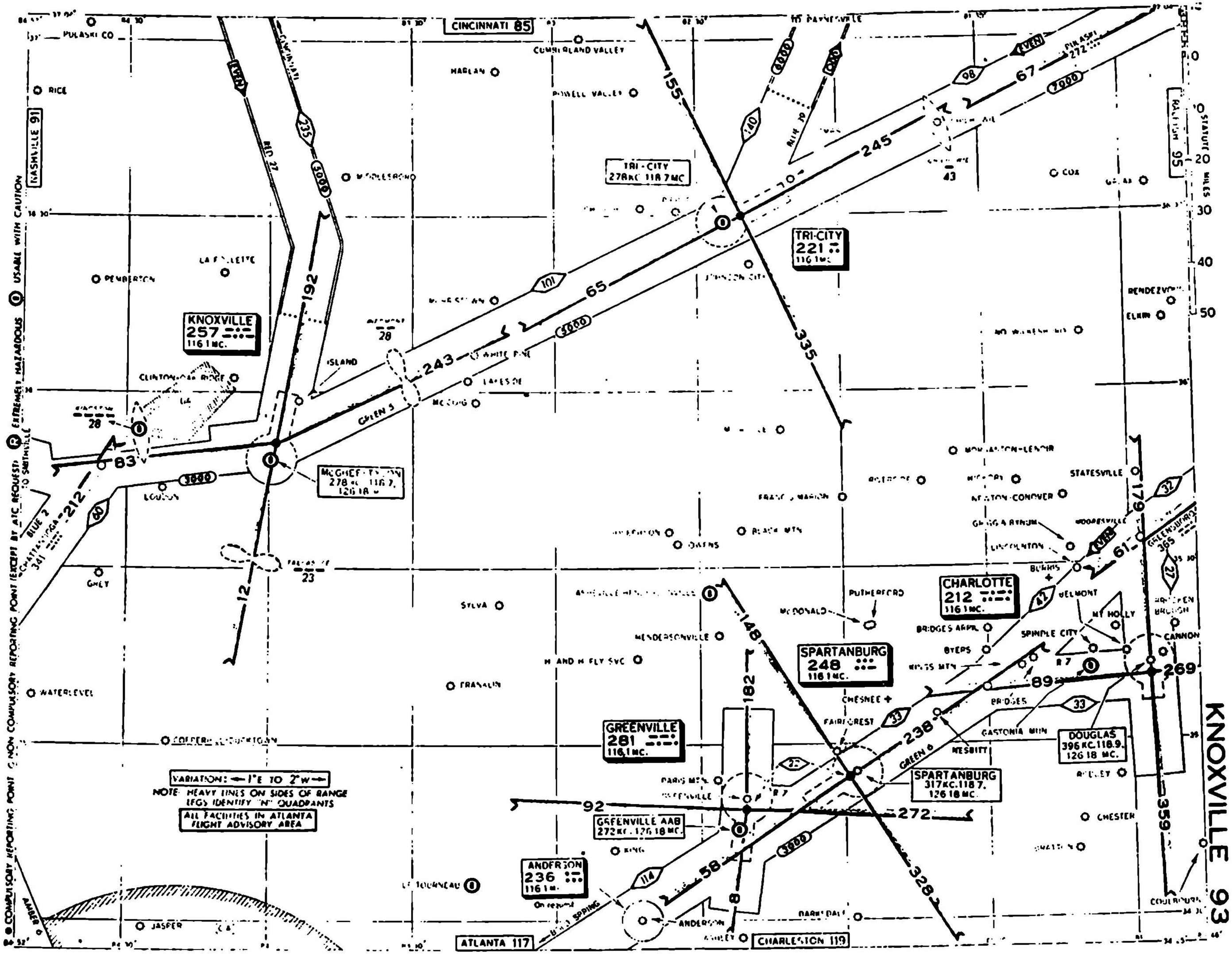
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
Mc-GHEE TYSON	110.3	335	44°	MM- ·-·- (0.61)	OM- — — (4.34)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Combs (Bristol,Va)	3 NE	1865	20 S6	80 oct. P-line N.
McDonald (Spindle,N.C.)	1.2 SSE;hwy W	1000	20	Trees S.
Mc-GHEE TYSON Tower (Tenn)	278 (126.18, 118.7)		C (ILS)	(4);118.7,126.18,122.5
Harlan (Dillon,Ky)	0.5 E;RR N	1150	21 S1	80 oct. Pole E. Ctn. Mtns
Riverside Arpk (Morganton,N.C.)	2 W;riv NE	1020	22 S2	80 oct. Mtn E.
Rendezvous (Jonesville,N.C.)	1 E;riv N	1000	22 S1	80 oct. NW blkd.
Bratton (Chester,S.C.)	1.4 SE;RR SW	550	17 S2	80 oct. Emerg. only.
Copperhill-Ducktown	2.5 NE	1700	15	(Copperhill, Tenn)
Waterlevel (Cleveland,Tenn)	3 SSE;hwy N	800	20 S1	80 oct. N,S blkd.
Grey (Athens, Tenn)	2.2 N;RR E	691	23 S4	80 oct.
Pemberton(Glenmary,Tenn)	0.8 NNE;RR W	1370	18	E,W blkd.
White Pine (Tenn)	0.5 S;hwy E	1160	18 S1	80 oct.
Mc Coig(Newport, Tenn)	5 W;hwy N	1330	16	P-line E.
London (Tenn)	1.8 WSW;riv 1 N	800	14 S1	80 oct.
La Follette(Jacksboro,Tenn)	1.5 NE;RR NW	1129	18 S1	80 oct.
Clinton-Oak Ridge(Clinton)	4.6 S;rd S	860	20 S4	80 oct. P-line WSW;ENE blkd.
Churchill (Tenn)	1 SE;riv 1 S	1240	22 S1	80 oct. (Tenn)
Mt. Holly (N.C.)	2.8 NW;hwy,RR E	850	20	
Nesbitt (Gaffney,S.C.)	2.1 WNW;hwy SE	800	15 S1	80 oct. E, erg only. NNE blkd.
Cox Fld (Independence,Va.)	4.5 WSW;riv S	2459	16 S2	80 oct. Hill E,W.
Cumberland Valley(Lynch,Ky.)	2.8 NNE;hwy N,W	1530	18 S2	80 oct. Mtns ENE,WSW.
(N,P) [Spartanburg] (S.C.)	2.5 SW;hwy SE	804	44h L5 S6	80,91 oct. 100 mil. NATS.
SPARTANBURG Tower (S.C.)	317(126.18, 118.7)		C	(4);118.7,126.18,122.5
Grigg & Bynum Arpk (Maiden,N.C.)	2.5 S;hwy W	795	18	

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time) ☆ - Guarded only when associated tower inoperative.

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


KNOXVILLE 93
CINCINNATI 85
NASHVILLE 91
RALEIGH 95
ATLANTA 117
CHARLESTON 119
KNOXVILLE 257 116.1 MC.
TRI-CITY 278 RC 118.7 MC
TRI-CITY 221 116.1 MC.
CHARLOTTE 212 116.1 MC.
SPARTANBURG 248 116.1 MC.
GREENVILLE 281 116.1 MC.
SPARTANBURG 317 KC. 118.7, 126.18 MC.
DOUGLAS 396 KC. 118.9, 126.18 MC.
ANDERSON 236 116.1 MC.
GREENVILLE AAB 272 KC. 126.18 MC.
MCGHEE-TYSON 278 KC 118.7, 126.18 MC
VARIATION: 1°E TO 2°W
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "IN" QUADRANTS
ALL FACILITIES IN ATLANTA FLIGHT ADVISORY AREA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE MILES
CUMBERLAND VALLEY
HARLAN
POWELL VALLEY
MIDDLESBORO
PENNINGTON
LA FOLLETTE
ISLAND
CLINTON-OAK RIDGE
LOUDON
GREY
SYLVA
WATERLEVEL
FRANKLIN
HENDERSONVILLE
H AND H FLY SVC
MCDONALD
PUTHERFORD
BRIDGES APPR
BYERS
KNOTS MTN
SPINDLE CITY
MT HOLLY
CANNON
BELMONT
CHESNEE
FAIRFOREST
GASTONIA MUN
NESBITT
BRIDGES
GREEN 6
GREEN 5
WHITE PINE
LAKESIDE
MCCONG
FRANCIS MARION
MOUNTAIN-LEAKSR
STATESVILLE
NEWTON-CONOVER
LINCOLNTON
BURRIS
GRIGGS AVNUM
GREENSBORO
365
ASHEBORO
BROWN
COLERIDGE
CHESTER
ASHLEY
DARLINGTON
ANDERSON
LE TOURNEAU
JASPER
AMBER
BLUE 2
CHATTANOOGA 341
PARIS MT 23
PARIS MT 28
GREENVILLE
KING
DARK DALE
ASHLEY
BEACH MTN
OWENS
155
335
65
243
192
83
212
12
148
182
92
272
328
58
8
238
89
269
359
179
61
67
245
70
140
101
114
98
43
33
27
23
28
60
40
32
17
12
3000
5000
6000
7000
3500
5500
RIM 70
RIM 70

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED HRS OF OPERATION
Aberdeen (N.C.)	1.2 W;RR N	450	2552	80 oct.E,SE,W,NW blkd
← Albemarle (N.C.)	1.5 ESE;RR SW	565	37 S6	80 oct.P-line NE.
Alberta (Va)	1.5 E;RR SW	380	17 S2	80 oct.Trees WSW
Asheboro (N.C.)	1.8 SW;hwy NW	864	18 S6	80 oct.
Avalon (Rocky Mount,N.C.)	3.8 NE;RR W	120	28 S2	80 oct.
Ayden (N.C.)	0.7 SSW;RR E	25	20 S1	80 oct. ESE blkd.
(A) Balloon No. 1 (Ft.Bragg, N.C.) (A)	1 NNW;RR E	225	22	
Bladenboro (N.C.)	0.7 NE;RR W	110	24 S2	80 oct.
(N) Bogue MCAAF (N.C.)(N)	5.6 E of Swansboro	22	40h	INACTIVE
Brooks (Red Springs, N.C.)	1.2 N;RR SE	208	26	
Burgaw (N.C.)	1.2 W;hwy N,S	30	22 S1	80 oct. P-line SSE
(P) Burlington (N.C.)	4 SW;hwy W	638	37h L5 S6	80 oct. P-line S.
CAMP LE JEUNE OLF Tower (New River, N.C.)	3295 (142.74)		CN	3105,4495;142.74 (8-1630)
(N) Camp LeJeune OLF (New River, N.C.) (N)	2.5 S of Jacksonville	24	50h	
(A) Camp MacKall AAF (Hoffman, N.C.) (A)	3.5 E	350	50h	TEMP INACT.NO FACS.
Candor (N.C.)	4.1 E;RR N	710	19	NE,SW,WNW blkd.
CAP(Raleigh, N.C.)	3.5 NNE;RR E	460	35 S6	80,91 oct. High trees S,SW Appchs N,NE blkd
Carolina Arpk (Kannapolis, N.C.)	3.1 ESE;RR W	730	19 S3	80 oct
Caswell (Yanceyville, N.C.)	3.2 W;hwy E	640	20 S2	80 oct
Chatham-Gretna (Chatham, Va)	6 SE;ditch E	550	24 S2	80 oct. Trees ENE,WSW, W.
CHERRY POINT MCAS Navy Range (N.C.)	224 (NKT)	141°,4.0	BMRLZ	(3); 140.58, 142.74
CHERRY POINT MCAS Tower (N.C.)	3295(142.74)		CN (GCA)	(3); 142.74, 126.18
(N) Cherry Point MCAS (N.C.) (N)	2.5 SW;riv N	29	76h (L6) S6	100 oct
Clarksville-Finchley (Clarksville, Va)	5 ENE;RR S	450	13	House, trees NW
Clinton (N.C.)	2 N;hwy W	160	24 S6	80 oct. P-line W.
Clover (Va)	3.5 SSW;riv E	350	20	Trees E,W,SE,NW
Coley (Concord, N.C.)	2 SW	790	12 S2	80 oct Trees ESE Pwrline W,S
Colonial (Mt.Airy, N.C.)	1.4 NNE;quarry SE	950	20 S2	80 oct.P-line,trees NNW
Concord (N.C.)	4.5 ESE;rd E,S	700	19 S6	80 oct. P-line NE
DANVILLE H Fac.(Va)	344(VE)(116.1)		MHTV	(4); 116.1 (manned 8-24)
(P) Danville (Va)	3.4 ESE	580	50h L5 S6	80, 91 oct
Delta (Charlotte, N.C.)	6.7 E;hwy S	750	31 S6	80,91 oct.P-line NW
Dowless (Abbotsburg,N.C.)	0.2 N;RR S	99	24 S1	80 oct. SE,WSW blkd
Durham (N.C.)	7.8 N;RR 2 E	480	15 S6	80 oct Trees N,S
Emporia (Va)	3 E;hwy S	127	50h L5 S4	80, 91 oct
Enfield (N.C.)	1.8 E	113	15 S2	80 oct.P-line SSW;trees NNE, SSW.
Erwin (N.C.)	1 SW;riv SW	195	30 S4	80, 91 oct.
Fairchild (Burlington,N.C.)	1.5 E;RR S	640	35h S4	80 oct. Trees N
Fayetteville (N.C.)	5 N;hwy E	238	36 L1 S6	80 oct. Pwrline E
Fraley (High Pt.,N.C.)	2.5 SSE;RR W	1000	17 S6	80 oct.Strips rough Trees SE.
Franklin (Louisburg,N.C.)	2 WSW;RR S	290	17 S2	80 oct.P-line SSE.Hill NNW
(P) Franklin (Va)	3 NE;RR S	38	41h L5 S6	80,91 oct. Trees sur fld
Garner (Windsor, Va)	4.8 NNE;hwy W	80	25 S2	80 oct
Gilmore #1 (Julian, N.C.)	0.6 SE;RR N	760	10 S1	80 oct.
Gilmore #2 (Silver City, N.C.)	4.1 SE;RR W	550	22	Trees N; S blkd
Goldsboro (N.C.)	1.3 E;hwy S	110	25 S1	80 oct. P-line NNE
GREENSBORO Range(N.C.)	365 (GW)(116.1)	241°,1.5	SBRAZ-DTV	(3); 116.1, 122.1
GREENSBORO-HIGH PT. Tower (N.C.)	219 (126.18, 118.7)		C	(4); 118.7,126.18,122.5
(P) [Greensboro-High Pt.] ← (N.C.)	8 WNW;RR SW	905	40h L5 S6	80,91,100 oct P-line SW
Halifax Co. (Roanoke Rapids, N.C.)	3 SW	147	18 S2	80 oct. Trees ENE,NNW
Harris (Mooresville,N.C.)	2.5 ESE;RR NW	900	14 S2	80 oct
(P) Hartsville (Darlington)	10 N;hwy E	190	50h	(S.C.)
Henderson (N.C.)	3 S;RR W	490	21 L S6	80,91 oct.Port lgts prior req. Trees ESE,WNW
Hogan (Chapel Hill,N.C.)	3.8 NW;hwy E	530	20 S2	80 oct. Trees SSE
Horace Williams (Chapel Hill, N.C.)	1.3 NNW;RR W	502	49 S4	80 oct
Jacksonville (N.C.)	3.7 NE;RR SE	51	14	
Kannapolis (N.C.)	2.8 N;RR E	750	23 S6	80,91 oct. Trees WNW
Kershaw (S.C.)	4 S;RR W	475	21	
(P) Kinston (N.C.)	4.2 NNW	93	50h	CLOSED.
Knollwood (Pinehurst, N.C.)	5 NE;hwy W	455	53 L5 S4	80, 91 oct
Laurinburg-Maxton (Maxton, N.C.)	3.5 N;RR E	220	65h L5 S6	80,91 oct No flood lgts. Lgts prior req.
Lawrenceville,49B,JX-RW (Va)	3.8 ENE;RR N	317	28 L3 S6	80, 91 oct
Lee County (Sanford,N.C.)	1.5 SE;RR W,S	400	19 S4	80 oct. Pwrlines sur fld.
Lester (Martinsville,Va)	0.8 NNW;RR N	1000	24 S6	80,91 oct bldgs SE.
Lexington (N.C.)	2.3 SW;RR E	755	21 S1	80 oct.P-line SSW.
Lillington (N.C.)	1.1 NNE;RR S	210	15 S2	80 oct. P-line NW.
LUMBERTON H Fac.(N.C.)	278 (FNE)		MH	(3)
(P) Lumberton (N.C.)	3 WSW;hwy NNW	126	50h L2 S6	80,91,100 oct.
Lynch Bellinger (Cheraw, S.C.)	4.2 WNW;RR S	400	22 S4	80 oct P-lines S,WSW
Mack Lamar (Clio, S.C.)	2.3 NE	172	21 S2	80 oct. E, SE blkd.
McLean Brothers (Clibsonville, N.C.)	0.5 SW;hwy NE	723	18 S6	80 oct
← McLeod (Wingate, N.C.)	1.5 SW;hwy 4 N	565	22 S4	80 oct P-line ENE.
Martinsville (Va)	3.5 SSE;RR NE	800	16 S2	73 oct
Mayo (Mayodan, N.C.)	0.8 W;riv E	900	24 S2	80 oct P-line N,S.Trees W.
Mocksville (N.C.)	2 W;RR E	800	14 S2	80 oct.
Monroe Com. (N.C.)	2.8 SSE	600	20 S2	80 oct.
Monroe Mun. (N.C.)	2 NNW;hwy S	680	29 S4	80, 91 oct P-lines SE, SSW, WSW.
Morehead City (N.C.)	5 WNW;RR N	15	23 S4	80 oct. All appchs blkd.
Mt. Airy (N.C.)	2.2 SW;RR E	1050	20 S2	80 oct.
Mt. Olive (N.C.)	1.1 NE;RR E	160	15 S1	80 oct.
(N) Oak Grove MCAAF (Pollocksville, N.C.)(N)	2.5 NW;riv S	27	40h	INACTIVE
Parkers (Eagle Springs, N.C.)	1.8 NW;RR S	700	40 S1	80,91 oct SW blkd
Pauls (Thomasville,N.C.)	6.5 SSE	775	26 S2	80, 91 oct.
Pennington (Brodnox,Va)	1.2 NW;hwy NNE	325	21	NNE blkd
Pharis (Durham,N.C.)	8.1 NE;RR E	310	26 S4	80, 91 oct P-line,trees NE,WNW, SW.
Pine Acres (Laurinburg, N.C.)	3.1 SW;RR NNE	205	12 S1	80 oct
(P) [Pitt-Greenville] (Greenville, N.C.)	1.8 NNW;RR E	25	50h L5 S1	80,91 oct Lgts prior req.
Plaza (Charlotte, N.C.)	5 NE;RR N	740	20 S6	80 oct P-line S.
Plymouth (N.C.)	2 W	10	20 S2	80 oct
POPE Army Range (N.C.)	338(DOP)(116.1)	335°,2.3	SBMRAZ-V	(3); 116.1
← POPE Tower (Ft Bragg, N.C.)	396 (126.18)+		CA	(3); 126.18
(A) Pope (Ft. Bragg, N.C.) (A)	2 NW;riv NW	220	52h L5 S6	73,100 oct
Raleigh (N.C.)	3.3 SSW;RR W	364	28h S6	80,91 oct.
RALEIGH Range (Raleigh-Durham)(N.C.)	350(DU)(116.1)	299°,3.8	SBRAZ-DTV	(3); 116.1, 122.1
RALEIGH-DURHAM Twr. (Raleigh, N.C.)	266 (126.18, 118.3)		C (ILS)	(4); 126.18, 122.5,118.3
[Raleigh-Durham](Raleigh, N.C.)	10.5 NW;hwy 1.5 NE	435	45h L6 S6	80,91,100 oct
Reidsville (N.C.)	3.2 SE;riv S	822	25 S6	80 oct.
(P) Rockingham-Hamlet (Rockingham, N.C.)	3.5 S;RR E	358	46 S2	80 oct
← [Rocky Mount] (N.C.)	2.3 N;RR E	114	40h L5 S6	80,91 oct Use rnwys only. Rnwy lgts on req.
Routh (Greensboro, N.C.)	3.3 S;RR E	840	18 S4	80 oct Trees NE E,SW blkd
Rowe (Bennettsville,S.C.)	1.5 NE	190	29 S5	80,91 oct Trees SW
Roxboro (N.C.)	7 NE;RR 2.3 W	600	24 S2	80 oct
Salisbury (N.C.)	3 SW;RR E	764	25 L2 S6	80,91 oct Trees ESE
Selma (N.C.)	0.5 E;RR W,S	150	19 S4	80 oct. P-line E
(A) Seymour-Johnson (Goldsboro, N.C.) (A)	3 SSE;riv SW	80	50h	CLOSED
[Simmons-Knott] (New Bern, N.C.)	2.5 SSE;hwy 0.5 E	19	40h L4 S1	80,91 oct.Port flood lgts on req.
Skyline (Southern Pines, N.C.)	4.5 NE;RR NW	460	21 S6	80 oct. N,S blkd.
Smith (Kinston, N.C.)	3.7 SW;riv NW	40	26 S4	80 oct. P-line ENE.
Smith's (Coats, N.C.)	1 N;RR W	288	13 S1	80 oct. P-line SSE,NNW
SMITH REYNOLDS Tower (Winston-Salem, N.C.)	278 (126.18, 118.3)		C	(4); 126.18,118.3,122.5
(P) [Smith Reynolds] (Winston Salem, N.C.)	2.8 NNE;RR W	969	64h L5 S6	80,91 oct
Spivey (Windsor, N.C.)	2.3 S;hwy W	17	17 S2	80 oct. WSW blkd.
Stanfield (N.C.)	1.3 N;hwy E	700	18 S2	80 oct.
Tarboro (N.C.)	2 ESE;riv NNW	50	30 S6	80,91 oct.P-line NNE, NE.
Thomasville (N.C.)	3.5 ESE;hwy N	860	14 S2	No fuel.
Tri-City (Draper, N.C.)	1.2 W;riv W	560	26 S2	80 oct.
Upchurch (Raeford, N.C.)	0.5 NNE;RR SSW	255	15 S2	80 oct.
← Wadesboro (N.C.)	3.7 NNE;RR W	220	19 S6	80,91 oct.
Wallace (N.C.)	0.8 N;RR SW	50	16 S6	80 oct.
W & L Airways (Wadesboro, N.C.)	3 E; RR N	370	30 S6	80 oct.P-line NNW
Warf (Reidsville, N.C.)	3.8 SW;hwy W	820	23 S2	80 oct.Trees NNW SSE blkd.
(P) Warren (Washington, N.C.)	1.8 N;hwy W	38	50h	
* Warrenton Int, 46, JX-RW (N.C.)	1.5 NE;RR W	446	28 L3	80,91 oct.S,N blkd.
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct.Trees,brush sur fld
White Lake Beach (White Lake, N.C.)	0.2 NW;lk S	75	18 S1	80 oct. E,W blkd
(P) Wilson (N.C.)	4.2 NW;hwy E	161	45h S6	80 oct.
WINSTON-SALEM Range (Smith Reynolds)(N.C.)	379(DWS)	328°,5.1	SMRLWZ	
Winterville (N.C.)	0.5 E;RR W	25	12 S1	80 oct. NW blocked.
Young (Oxford, N.C.)	1.8 SW;RR NW	475	18 S1	Ltd 80 oct
Zebulon (N.C.)	3.5 NW;hwy E	324	16 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LC/LZR.	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
RALEIGH	109.9	333.8	48°	MM- ·—·— (0.62)	OM- ——— (4.43)
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
← New or revised data. [Dunes] - Airline Stop. N H. Radio facilities are all CAPITALIZED
Airports are indented and non-capitalized.

WASHINGTON 87

KNOXVILLE 93

NORFOLK 97

CHARLESTON 119

RALEIGH 95

GREENSBORO 365 116.1 MC

SMITH REYNOLDS 278 KC 118.3 126.18 MC

WINSTON-SALEM (W) 379

GREENSBORO-HIGH PT 219 KC 118.7 126.18 MC

ON REQUEST DANVILLE 344 116.1 MC

RALEIGH-DURHAM 266 KC 118.3 126.18 MC

RALEIGH 350 116.1 MC

ROCKY MOUNT VHF RANGE

POPE AAF 396 KC 126.18 MC

POPE AAF 338 116.1 MC

LUMBERTON 278

CHERRY PT MCAS 224

CHERRY PT. MCAS 3295 KC. 142.74 MC.

CAMP LE JEUNE OLF 3295 KC. 142.74 MC.

INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000' TO 18,000' ABOVE SEA LEVEL WITHIN SIXTY MILE RADIUS OF MCAS CHERRY POINT.

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

VARIATION: 1° W TO 6° W

USABLE WITH CAUTION

EXTREMELY HAZARDOUS

NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

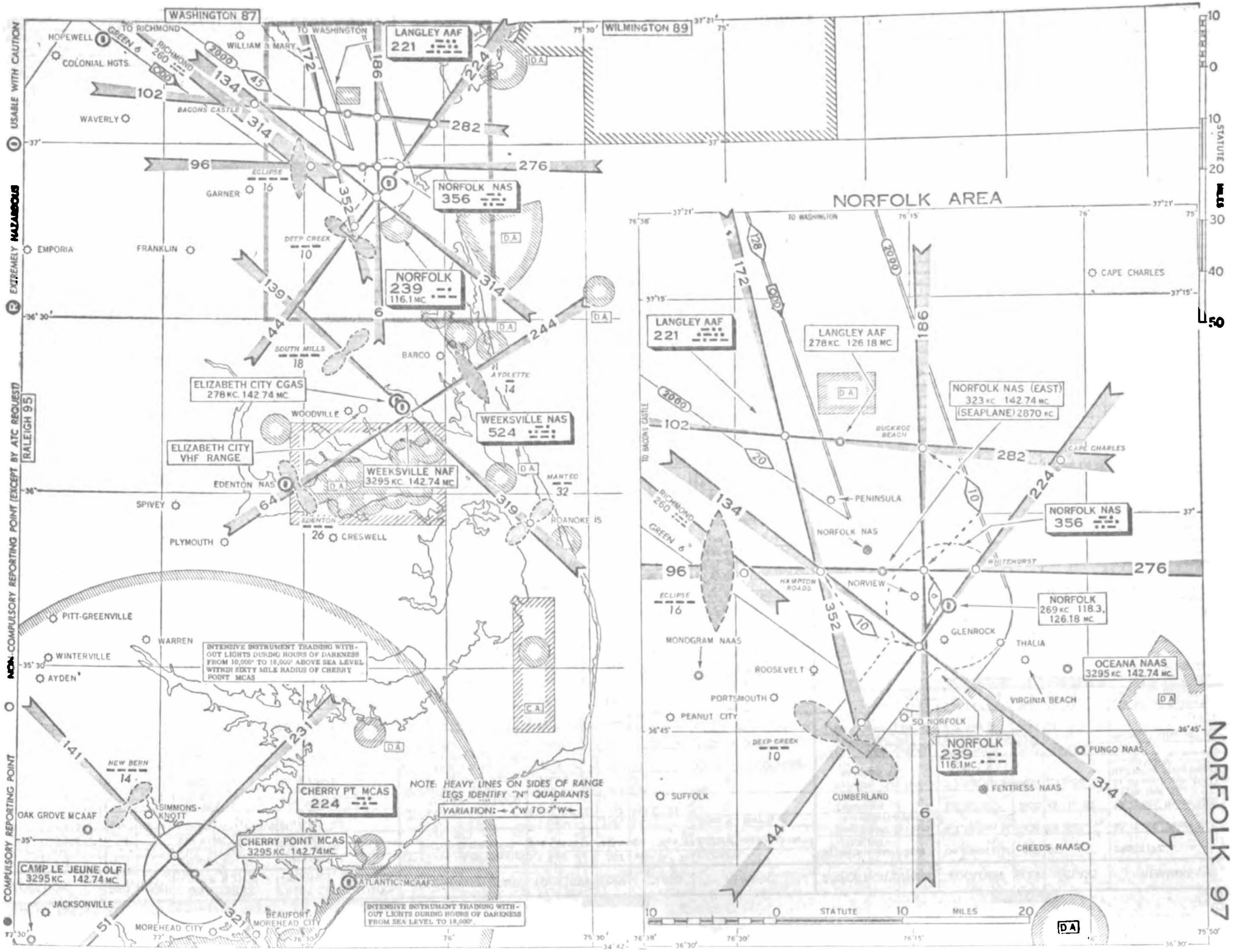
STATUTE MILES 10 0 10 20 30 40 50

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(N) Atlantic MCAAF (N.C.) (N)	0.8 NW;hwy SE	24	35h	INACTIVE.
Ayden (N.C.)	0.7 SSW;RR E	25	20 S1	80 oct ESE blkd.
Barco (N.C.)	2.4 W;hwy S	19	40h	
(P) Beaufort-Morehead City (Beaufort, N.C.)	1 N;riv W	13	43h L S6	80,91 oct Floodlgts. Trees SE.
CAMP LE JEUNE OLF Tower (N.C.)	3295 (142.74)		CN	3105,4495;142.74 (8-1630)
(N) Camp Le Jeune OLF (New River, N.C.) (N)	2.5 S of Jacksonville	24	50h	
CHERRY POINT Navy Range	224 (NKT)	141°,4.0	BMRLZ	(3); 140.58,142.74 (N.C.
CHERRY POINT MCAS Tower (N.C.)	3295(142.74)		CN(GCA)	(3); 142.74,126.18
(N) Cherry Point MCAS (N.C.)	2.5 SW;riv N	29	76h (L6) S6	100 oct. (N)
Colonial Heights (Petersburg, Va)	2 NNE;RR W	60	25 S1	80 oct.
Cape Charles (Va)	1.8 E;RR S	15	22 S2	80 oct. NW blkd. Bldg SSE
(N) Creeds NAAS (Va) (N)	1.5 E;bay E	10	25h	INACTIVE.
Creswell (N.C.)	0.5 N;RR S	15	19 S2	80 oct. S,SE blkd.
Cumberland (Portsmouth, Va)	8 S	15	28 S4	80 oct.
(N) Edenton NAS (N.C.) (N)	3.5 SE	19	72h	INACTIVE.
ELIZABETH CITY CGAS Tower (N.C.)	278(142.74)		CN	(3); 142.74 (7-19)
(CG) Elizabeth City CGAS (N.C.)	3.5 SE;riv NE	10	72h L6 S4	100 oct (CG)
Emporia (Va)	3 E;hwy S	127	50h L5 S4	80,91 oct.
(N) Fentress NAAS (Va) (N)	2.5 ESE;hwy N	16	25h	CLOSED.
(P) Franklin (Va)	3 NE;RR S	38	41h L5 S6	80,91 oct. Trees sur fld.
Garner (Windsor, Va)	4.8 NNE;hwy W	80	25 S2	80 oct.
Glen Rock (Norfolk, Va)	4.5 E;hwy W	18	24 S6	80,91 oct. Trees SW.
Hopewell (Va)	3.3 E;riv N	20	24 S6	91 oct.
Jacksonville (N.C.)	3.7 NE;RR SE	51	14	
LANGLEY Army Range (Va)	221(DLY)	102°,3.8	SBMRAPZ-DT	(3)
LANGLEY Tower (Va)	278 (126.18)+		CA(GCA)	(4); 126.18
(A) Langley Field (Va) (A)	3 N of Hampton	10	70h L5 S6	73,91,100 oct. JP-1.
(N) Monogram NAAS (Drivers, Va.) (N)	2.8 W;riv W	21	45	CLOSED.
Morehead City (N.C.)	5 WNW;RR N	15	23 S4	80 oct. All appchs blkd
NORFOLK Range (Va)	239(NW)(116.1)	44°,3.3	SBMRLZ-DTV	(3); 116.1
NORFOLK Tower (Va)	269 (126.18, 118.3)		AC	(4); 122.5,126.18,118.3
[Norfolk] (Va)	5 ENE;RR SE	22	50h L5 S4	80,91 oct.
NORFOLK NAS (East Field) Navy Range (Va)	356 (NGU)	276°,2.9	BMRLZ	
NORFOLK NAS (East Field) Tower (Va)	323 (142.74)		CN(GCA)	(3); 142.74
(N) Norfolk NAS (East)(Va)(N)	6 N;RR SW	15	43h L5 S6	91,100 oct. NATS.
(N) Norfolk NAS (Chambers) (Va) (N)	7 N;rd N	13	26h	CLOSED. Use East Fld.
NORFOLK NAS (Seaplane) Tower (Va)	2870		CN	2870 (7-17 & on req)
Norview (Norfolk, Va)	4.5 NNE	16	24 S6	80 oct. P-line S.
(N) Oak Grove MCAAF (Pollocksville, N.C.) (N)	2.5 NW;riv S	27	40h	INACTIVE.
OCEANA NAAS Tower (Va)	3295 (142.74)		CN	3105.1495;142.74 (0745-1830)
(N) Oceana NAAS (Va) (N)	1 SW;RR N	20	60h L5 S4	91,100 oct. No bcn.
Peanut City (Suffolk, Va)	2.8 N;hwy SE	40	25 S2	80 oct. SSW blkd. Trees
Peninsula (Hampton, Va)	2 WSW;RR N	12	26 S4	80 oct. NNE
(P) [Pitt-Greenville] (Greenville N.C.)	1.8 NNW;RR E	25	50h L5 S1	80,91 oct. Lgts prior req
Plymouth (N.C.)	2 W	10	20 S2	80 oct.
Portsmouth (Va)	7.8 WSW;RR S	20	35 S1	80 oct. Trees sur fld. Soft when wet.
(N) Pungo NAAS (Va) (N)	0.8 NE	15	25h	INACTIVE
Roanoke Isl. (Manteo, N.C.)	1.5 NW;rd NE	12	33h L5 S4	80,91 oct. Lgts prior req Data unver.
Roosevelt (Portsmouth, Va)	4.2 W;RR S	15	33 S6	80 oct. Trees SE. P-line NW
[Simmons-Knott] (New Bern N.C.)	2.5 SSE;hwy 0.5 E	19	40h L4 S1	80,91 oct. Port flood lgts on req.
So. Norfolk (Norfolk, Va)	3.7 S;hwy NW	20	25 S2	80 oct. P-line W.
Spivey (Windsor, N.C.)	2.3 S;hwy W	17	17 S2	80 oct. WSW blkd.
(P) Suffolk (Va)	3.8 SSW;RR E	66	50h	
Thalia (Virginia Beach, Va)	8 W;on bay	12	23 S1	80 oct. NE blkd, trees SW
Virginia Beach (Va)	6 W;RR N	15	43 S2	80,91 oct. P-line N
(P) Warren (Washington, N.C.)	1.8 N;hwy W	38	50h	
Waverly (Va)	2.5 NW;RR SW	115	17 S2	80 oct. Trees, brush sur fld.
WEEKSVILLE NAF Navy Range (N.C.)	524 (NFG)	319°,0.5	MRL	(3): 142.74 (V - 7-19)
WEEKSVILLE NAF (LTA) Tower (N.C.)	3295(142.74)		CN	3105;142.74 (8-1630)
(N) Weeksville NAF (LTA)(N.C.)	2.2 NE	7	37h S4	80-100 oct. (N)
William & Mary (Williamsburg, Va)	3 NNW;RR SW	105	29 S4	80.91 oct. Trees NE, SW.
Winterville (N.C.)	0.5 E;RR W	25	12 S1	80 oct. NW blkd.
Woodville (N.C.)	1.5 W;hwy S	15	20 S6	80 oct. S blkd

NEW FACILITIES

RADIO. S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 149.88 mcs.
● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indexed and non-capitalized.


WASHINGTON 87
WILMINGTON 89
NORFOLK AREA
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
NON-COMPULSORY REPORTING POINT
RALEIGH 95
NORFOLK 97
LANGLEY AAF 221
NORFOLK NAS 356
NORFOLK 239 116.1 MC
ELIZABETH CITY CGAS 278 KC. 142.74 MC.
ELIZABETH CITY VHF RANGE
WEEKSVILLE NAS 524
WEEKSVILLE NAF 3295 KC. 142.74 MC.
CHERRY PT. MCAS 224
CHERRY POINT MCAS 3295 KC. 142.74 MC.
CAMP LE JEUNE OLF 3295 KC. 142.74 MC.
LANGLEY AAF 278 KC. 126.18 MC.
NORFOLK NAS (EAST) 323 KC. 142.74 MC. (SEAPLANE) 2870 KC.
NORFOLK 269 KC. 118.3, 126.18 MC.
OCEANA NAAS 3295 KC. 142.74 MC.
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM 10,000' TO 18,000' ABOVE SEA LEVEL WITHIN SIXTY MILE RADIUS OF CHERRY POINT MCAS
INTENSIVE INSTRUMENT TRAINING WITHOUT LIGHTS DURING HOURS OF DARKNESS FROM SEA LEVEL TO 18,000'
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 4°W TO 7°W
HOPEWELL
COLONIAL HGTS.
WAVERLY
EMPORIA
FRANKLIN
GARNER
ECLIPSE
DEEP CREEK
SOUTH MILLS
BARCO
AYDLETTE
WOODVILLE
EDENTON NAS
EDENTON
SPIVEY
PLYMOUTH
CRESWELL
MANTEO
ROANOKE IS
PITT-GREENVILLE
WARREN
WINTERVILLE
AYDEN
NEW BERN
OAK GROVE MCAAF
SIMMONS-KNOTT
JACKSONVILLE
BEAUFORT
MOREHEAD CITY
ATLANTIC MCAAF
CAPE CHARLES
PENINSULA
NORFOLK NAS
WHITEHURST
NORVIEW
HAMPTON ROADS
GLENROCK
THALIA
VIRGINIA BEACH
MONOGRAM NAAS
ROOSEVELT
PORTSMOUTH
PEANUT CITY
SO. NORFOLK
SUFFOLK
CUMBERLAND
FENTRESS NAAS
PUNGO NAAS
CREEDS NAAS
BUCKROE BEACH
TO WASHINGTON
TO RICHMOND
TO BACONS CASTLE
STATUTE MILES

LOCATION	FREQ., IDENT	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BANNING FM	(-)	FM, 76°,25	Riverside.
CASTAIC FM	(- - - -)	FM, 322°,41	Los Angeles
CORONADO FM	(- -)	FM, 139°, 10	San Diego
DAGGETT (Int.)	345(DG)(116.1,	SBRAZ-VDT,149°,0	(4);116.1,122.1
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
FONTANA FM	(- - - -)	FM, 324°,16.5	Riverside
HUNTINGTON BEACH FM	(- -)	FM, 118°,11	Long Beach
LA HABRA FM	(. . -)	FM, 77°,21	Los Angeles
LA MESA FM	(-)	FM, 75°, 13.2	San Diego
LEBEC FM	(- -)	FM, 141°,42	Bakersfield
LINDBERGH FLD (San Diego)	278(126.18, 118.3)	AC	(4);126.18,118.3, 122.5
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV 298°, 3.9	(3);116.1.122.1
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV244°3.9	(3):116.1.122.1
LOS ANGELES	109.1(LA)	BVAR; 88°,2.0	
MARCH FIELD (Riverside)	201 (126.18)+	CA :49.09 (GCA)	(3); 126.18
MIRAMAR NAAS (San Diego)	239(142.74)	CN(GCA)	(3); 142.74
MOJAVE NAS	3295(126.18, 142.74)		DECOMMISSIONED
MT LAGUNA	382(TN)(116.1)	BHTV	(4); 116.1(Cont)
MUROC (Army)	350(DUC)	BMRL	
Muroc AAF	219 (126.18)	CA, 64°,2.2	(3); 126.18
NEWHALL (Int.)		SBMRL DTV,317°,0.1	(4);116.1,122.1
OCEANSIDE	326(OC)(116.1)	BHTV	(4). 116.1(Cont)
OCEANSIDE FM	(- - - -)	FM, 325°,34	San Diego
PALMDALE	332(PA)(116.1)	SBMRAZ-DTV,216°, 2.5	(4); 116.1
REAM NAAS (San Ysidro)	3295(142.74)	CN	3105;142.74 (745-1630 Mon.-Fri.)
RIVERSIDE (March Field)	388(RV)(vhf),	SBMRAZ-DTV, 128°,2.9	(4);116.1.122.1
SAN BERNARDINO AAF	272 (126.18)	CA	(3); 126.18
SAN CLEMENTE ISLAND OLF			DECOMMISSIONED
SAN DIEGO (Lindbergh Field)	224(SQ)(vhf)	SBRAZ-DTV,139°, 2.3	(3);116.1.122.1
San Diego NAS	266 (142.74)	CN	(3);126.18,142.74.
San Diego NAS (Seaplane)	2870	CN	2870 call 'No. Island'
TRONA (Int.)			DECOMMISSIONED
VICTORVILLE AAF	278 (126.18)	CA	(3); 126.18

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

S-Simul. Range and Voice. W-Without Voice. Z-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers on Frequency Columns Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116 1, 137.88, 140.58 mcs.

AIRPORTS CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV	CLASS	REMARKS
Antelope Valley (Lancaster)	3.4 S,hwy E	2470	27 S6	80 oct.P-line E.
Arlington(Riverside)	4.5 WSW,RR W	765	32 S6	80 oct. No sto.
(P) Banning	1 SE,RR N	2190	52h L5 S6	80,91 oct.Poles W.
Barnes(Rosamond)	12 E,rd N	2300	38	(NC) prior req.Poles N
Barstow	1.8 N,hwy S	2150	28 S4	80,91 oct.Range lgts
Big Bear City	0.5 NW,hwy S	6850	37 S1	80 oct.Trees E,hills W.
Borderland(San Ysidro)	1.5 WNW,RR W	80	18 S6	80,91 oct.No sto. Pole line SE.
Boron	0.5 NE,RR S	2550	21 S1	80 oct.Poles E.Data unver

R-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) Brown NAAS (Otay)(N)	5.5 ESE	523	60h	CLOSED
Buffalo Springs(Avalon) (NC)	See Catalina Arpt under "New Facilities"-name changed			
Calico (Yermo)	2.3 WNW	1921	58	Mtns N. Hwy S.
(N) Camp Pendleton OLF (Oceanside)(N)	6 NNE,RR SE	75	64h L S1	
(N) Castle OLF (San Clemente Island)(N)	On NW end San Clemente Isl.	163	20	(NC)
(N) Clark's Dry Lake OLF (Salton Sea)(N)	25 W of ctr.	450	50	On W portion Dry Lake. (NC)
Del Mar	1.1 NNE	11	26 S1	80,91 oct.1000' paved rnwy. Data unver.
El Cajon	2.5 N,hwy W	450	23 S6	80,91 oct. No sto.
Elsinore	1 SSE,RR N	1256	26 S4	80 oct.No sto.Hills NW.
Engel(Escondido)	1.5 W,RR N	630	19	CLOSED. ... Trees SE,hill NW.
Gibbs(San Diego)	7 NNE,hwy W	405	29 S6	80,91 oct.Poles E.
Gillespie(El Cajon)	2 NNW;rd E	385	54h	Towers W. Santee.
Harmon(San Jacinto)	1.4 SW	1600	23 S6	80 oct. No sto. INACT
(A) Hawes(Victorville)(A)	27.5 N,RR N	2319	56h	CLOSED
Hi Hi Sky Ranch (Oceanside)	1.5 ENE,RR S	48	18 S6	80,91 oct.No sto.Trees SW.
(A) Helendale(Victorville)(A)	20 N	2508	56h	(A) CLOSED
Indio	0.8 NNE,RR SW	12	34 S4	80 oct.No sto.Pwr line W
(N) Inyokern NAF (N)	0.5 WNW,RR E	2455	72h	NATS
Jamacha(La Mesa)	6.8 ESE,riv N	520	18 S6	80,91 oct. Hills E.
La Cresta(Bakersfield)	2.5 NE;riv N	660	36h L S6	80,91 oct.Data unver. Flare pots prior req.
Lake Elsinore(Elsinore)	4 SSE,lk W	1252	15 S4	80 oct. No sto.
Lakeside				ABANDONED.
La Mesa	2 WSW,hwy N	500	27 S4	80 oct.Pole line SSE.
Lancaster	0.5 NW,RR E	2330	22 S4	73 oct.No sto.Poles E,S
La Pressa(La Mesa)	4 S,hwy W	275	19 S4	80 oct.
Liberty(Rosamond)	4.1 S,RR E			ABANDONED.
LINDBERGH (San Diego)	2 W	14	88h R2 L5 S6	80,91 oct.ARPT OF ENTRY.
(A) March (Riverside) (A)	8.8 SE,RR SSW	1533	70h R2 L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR STN
McCormick (San Marcos)	1.5 WSW,RR N	550	21 S6	80,91 oct.Poles E.
(A) Mirage(Victorville)(A)	See El Mirage under "New Arpts" - name changed.			
(N) Miramar NAAS (San Diego) (N)	9.5 N	480	60h R1(L6)S4	91,100 oct.No bcn.
(N) Miramar OLF (San Diego) (N)(NC)	1 N Miramar, hwy SE	470	25	
(N) Mojave (N) (NAS)	0.7 E,hwy W	2751	59h	CLOSED
Morrow (Rialto)	1.8 S;hwy S	1100	32 S6	80,91 oct. P-line E,W.
(A) Muroc AAF (A)	2 S,dry lake N	2285	80h R2 L5 S6	73,100 oct.JP-1. No sto.
National City	1.1 SSE,RR W	10	22 S4	80 oct.Poles,stack NW.
(P) Palmdale	3 NE,RR W	2549	70h R1 L5 S2	91,100 oct.
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Peik (San Diego)	4.8 WNW	20	28 S4	80 oct.No sto.Twr SE.
Quartz Hill (Lancaster)	5.5 SW	2450	29 L S5	80,91 oct.Port rnwy lgts.Data unver.
Randsburg (NC)	1.8 NE,rd SE	3500	20	Poles W.
(N) Ream NAAS (San Ysidro) (N)	3.2 W	23	50h R1 L S4	100 oct. No sto.
Riverside	2.3 WNW	760	30 S4	80 oct. No sto. Riv SE.
(N) Rosedale OLF (San Diego) (N)(NC)	6 N,RR W	400	15	
San Bernardino	4.7 NNW, RR 1.5 W	1425	30 L S6	80,91 oct.Port lgts prior req.
(A) San Bernardino AAF (A)	3.5 ESE,RR SW	1156	76h R1 L5 S6	62,73,91,100 oct, JP-1
San Bernardino Co. (Daggett)	See Dagett Int,13 under "New Airports"- name changed.			
(N) San Clemente Island OLF (N)	8 S of N end	926	50h	CLOSED.
San Diego	5 NW,bay N	10	20 S1	80 oct.
(N) San Diego NAS (N)	4.5 WSW	25	60h R1(L6)S6	91,100 oct. NATS
San Marcos Valley (San Marcos)	1 W;hwy,RR N	530	19 S4	80 oct. No sto. Hill NE Pwr line E

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(N) San Nicolas Island OLF (N)	On E end Isl.	502	63	INACTIVE.
Sweetwater Springs Airanch (La Mesa)	4.2 SE,hwy N	475	22 S1	80,91 oct. Fence E.
Tehachapi	1 N,RR S	3952	45 L S2	73,91 oct. Range lgts. Pole line SE.
Tri-City (San Bernardino)	3.3 SSE,RR S	1015	29 L 36	91,80 oct.Range,obst lgts til 2300 or prior req.P-line E,SE,.V,NW.
(A) Victorville AAF(A)	6 NW,RR E	2875	74h R1 L5 S5	100 oct.
Victorville "66"	5.2 SSW;hwy W	3225	26 S1	80 oct. P-line W.
War Eagle (Lancaster)	5 W,hwy N	2348	31	
Warner Hot Springs	3 W,hwy NE	3140	35 S1	Ltd 80 oct. Trees E,S
Wolfe's Arpk (Otay)	1.2 SE,RR W	220	30 S1	80,91 oct. Hills SE.
NEW AIRPORTS				
Sterk's Ranch (Lancaster	2.5 ENE		30 S1	80 oct. Data unver.
(N) Ramona	3 SW	1440	40h	
Sweetwater OLF(San Diego)	7.4 E	480	30h	
San Capistrano Awys (San Juan Capistrano,Calif)	1.5 SSW;RR E	35	18 S4	80 oct.Pnwy data unver. Data unver.
Ridgecrest(Calif.)	0.3 S.	2300	40 L S4	80,91 oct.P-line E,NE.
Daggett Int, 13 LA-AC (Calif)	5 E;RR S	1927	64h R1 L3	
(P) Mirage (Adelanto,Calif)	11 W,NW lake,5 N	2865	36h S5	80,91 oct.
Miro-Fontana (Rialto, Calif.)	1.5 NW;creek N	1400	24 S1	80 oct.T-line NE
(P)[Los Angeles](Calif)	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct.Rdo rqrd. Rnwy data unver.
Calimesa (Calif)	2.5SE;RR ISW	2250	19 S6	91 oct.P-line E.
Yucaipa (Calif)	2.5 SE	2850	17 S1	80 oct.Reservoir S.Priv.

LOS ANGELES

ALL FACILITIES FALL WITHIN LOS ANGELES FLIGHT ADVISORY AREA

FRESNO 69

NAF INYOKERN 72H

RIDGECREST

BAKERSFIELD 239

LA CRESTA

TO MORGAN HILL

SILVER LAKE 269

TEHACHAPI 45 S

MOJAVE-2751' 59H

CALIF 17 D.A.

MUROC AAF 350

BORON

MUROC AAF-2285' 80H L S-219 (126.18)

CALIF 9 D.A.

DAGGETT 365 (111.1, 116.1)

HAWES 56H

HELENDALE 56H

CALICO 58

WHEELER RIDGE

LEBEC 42

BARSTOW

TO NEEDLES

LANCASTER

WAR EAGLE

ANTELOPE VALLEY 25 S

STERK S

MIRAGE

GREEN 4

DAGGETT 64H L

QUARTZ HILL

PALMDALE 2549' 70H L

EL MIRAGE

VICTORVILLE AAF-2880' 74H L S-278 (126.18)

LAS VEGAS 71

BLYTHE 101

CASTIAC 41

NEWHALL 209 (111.1, 116.1)

VICTORVILLE "66"

CALIF 17 D.A.

PALMDALE 332 (116.1)

BLUE 14

SUMMIT

SAN BERNARDINO 30 H S

FONTANA 17

LOS ANGELES 260 (111.1, 116.1)

BIG BEAR 35 S

MORROW 35 S

SAN BERNARDINO AAF-1156' 76H L S-272 (126.18)

TO SANTA BARBARA

AMBER 8

DOWNEY 11

LA HABRA 21

MIRO-FONTANA

TRI-CITY 29 S

FOR LOS ANGELES VHF RANGE SEE CHART 147

RIVERSIDE 30 S

YUCAIPA

CALIMESA

GREEN 5

INDIO

EXTENSIVE FLIGHT AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD.

BANNING 25

BANNING 52H L S

HARMON

PALM SPRINGS 69 H

INDIO 34 S

INDIO 242

SANTA BARBARA 67

LONG BEACH 233 (111.1, 116.1)

HUNTINGTON BEACH 11

ARLINGTON 32 S

RIVERSIDE 388 (111.1, 116.1)

ELSINORE

LAKE ELSINORE

MARCH AAF-1533' 70H L S-201 (126.18)

FOR DETAILS IN LOS ANGELES AREA SEE CHART 139

CALIF 13 D.A.

CAPISTRANO

CAMP PENDLETON OLF 64H S

OCEANSIDE 326 (116.1)

C.A.

WARNER HOT SPRGS 35 S

SAN MARCOS VALLEY

ENGEL

OCEANSIDE 34

McCORMICK

HI-HI SKY RANCH

DEL MAR 26 S

MT. LAGUNA 382 (116.1)

RAMONA

SAN DIEGO 224 (111.1, 116.1)

NAAS, MIRAMAR-480' 60H L S-239 (142.74)

SAN DIEGO

GILLESPIE 54H

SWEETWATER SPRGS.

GIBBS 29 S

LA MESA 13

EL CAJON

RED 9

PEIK

SAN NICOLAS IS. OLF 63

SAN CLEMENTE IS. OLF 50H

LINDBERGH-14' 88H L S-278 (118.3, 126.18)

SAN DIEGO

LA PRESSA

JAMACHA

TO EL CENTRO

NAS SAN DIEGO-25' 60H L S-266 (142.74) (SEAPLANE-2870)

NATIONAL CITY

CORONADO 10

LA MESA 27 S

CALIF 7 D.A.

WOLFE'S

NAAS, BROWN 60H

NAAS, REAM-23' 50H S-3295 (142.74)

BORDERLAND

EXTENSIVE FLEET AND AIR OPERATIONS BEING CONDUCTED TO APPROX. 100 MI. SEAWARD

119 30' 118 30' 118° 117° 116 30' 116 12'

35 41' 35 30' 34 30' 34° 33 30' 33 15' 32 30' 32 22'

● DESIGNATED RADIO FIX

δ NON-COMPULSORY REPORTING POINT

Ⓡ EXTREMELY HAZARDOUS

Ⓤ USABLE WITH CAUTION

NOTE

HEAVY LINES ON SIDES OF RADIALS LESS HEAVY ⊖ BOUNDARIES.

SCALE OF MILES

10 0 10 20 30

BLYTHE

RADIO — ARIZONA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
GILA BEND (AAF)	257(UQ)(116.1)	SBMRAZ-DTV,166°,4	(4); 116.1
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
YUMA (Yuma Co.)	230(UP)(vhf)	SBMRAZ-DTV,165°,5.8	(4);116.1,122.1

RADIO — CALIFORNIA

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS OF OPER., REMARKS
BLYTHE (AAF)	251(YH)(vhf)	SBMRAZ-DTV,268°,4.1	(4);116.1,122.1
EL CENTRO	212(MB)(116.1)	SBMRLZ-DTV	(4); 116.1
El Centro NAS	317 (142.74)	CN, 320°, 3.7	(4); 142.74 (7-18 & on 30 min. notice)
INDIO	242(IN)(116.1)	BMRLZ-DTV	(4); 116.1
MT. LAGUNA	382(TN)(116.1)	BHTV	(4); 116.1(Cont)

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker: (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice.
+ - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Aguila	1.5 NNW			ABANDONED.
(A) Ajo AAF (A)	5 N;RR NE	1434	64h	CLOSED
Conner (Quartzsite)	See Quartzsite under "New Airports" - name changed.			
(A) Datelan AAF	4 W Aztec	450	66h	TMP INACT NO FACS
Echevarria (Wickenburg)	See Wickenburg under "New Airports" - name changed. Fld lgts prior req.			
(A) Gila Bend AAF (A)	4 S,hwy W	858	62h R1 L5	TEMP INACT. NO FACS
(A) Gila Bend #4 (A)	18 SSW	1000	37h	TEMP INACT. NO FACS
(A) Gila Bend #5 (A)	15.3 SW	800	37h	TEMP INACT. NO FACS
(A) Gila Bend #6 (A)	7.7 WSW	800	37h	TEMP INACT.NO FACS
(A) Laguna Landing (A) Strip (Laguna)	6.5 NE	500	50h	
Marsh (Yuma)	0.7 E,RR W	130	40 S6	80 oct.
Parker	1.4 ENE;RR .5 W	430	32 S6	80 oct.
Salome (NC)	0.7 S;RR NW	1876	45 S1	80 oct. Poles NW.
Salome Int,27B, LA-PH	13.5 S	1354	41 L3	Mtns 7 mi. E,3 mi. W
Sky Ranch (Wickenburg) (NC)	0.8 N,RR W	2000	24 S1	80 oct. Hills N
Smiley (Wellton)	13 E,RR S			ABANDONED.
Somerton	3 ENE;canal W	254	26 S4	80 oct. No sto.
★ Tonopah Int,31, LA-PH	5 NNE Wintersburg			ABANDONED.
Wellton	0.5 NW,RR S	225	24 S6	80,91 oct.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
(A) Blythe AAF (A)	7 W,hwy S	397	70h R1	CLOSED
(N) Borego Hotel OLF Salton Sea)(N)(NC)	22 WSW of S tip	400	25	
Brawley	1.3 NE,RR W	-120	30 S6	80 oct. Poles SE,E. ARPT OF
Calexico	1.2 W,riv N	0	28 S6	80,91 oct. Data unver. ENTRY.
Calipatria	0.5 W,hwy adj S,rd E	-180	49 S3	No fuel or sto. 35' poles all zones.
(N) Clark's Dry Lake OLF (N) (NC)	25 W of center Salton Sea	450	50	On W portion Dry Lake.
(N) Coyote Wells OLF -North (N) (NC)	21 NW El Centro	300	26	CLOSED
(N) Coyote Wells OLF -South (N) (NC)	21 WSW El Centro	300	25	
(A) Desert Center	2.5 NE,rd NW	555	50h	AAF(A) CLOSED
★ Desert Center Int, 17, LA-PH	1 ENE,hwy S, W	894	38 L3 S1	80 oct. (truck) other hrs prior req.
(N) EL CENTRO NAS(N)	7 WNW,RR S	-43	69h R2 L5 S4	80,100 oct. Avail 0700 to 1800,
Gary (Blythe)	5 NNW,RR N	392	29h	CLOSED.
Harvey (Blythe)	13.5 W,hwy S	565	23 S4	73 oct. No sto.
Heron (Blythe)	1.2 E,riv E	265	27 S4	80,91 oct. Poles N. only.
Holtville	7.5 NE,canal W	58	60h	Closed-use in emergency
Imperial Co. (Imperial)	1 S,hwy E	-69	32 L4 S6	80,91 oct. Poles SE. No bcn. Lgts prior req.
Indio	0.8 NNE,RR SW	-12	34 S4	80 oct. No sto. Pwrline W.
(N) Jacumba Hot Springs OLF (N)	1 E,hwy N	2900	25	
(N) Ocotillo OLF (Salton Sea)(N)(NC)	23 WNW of S tip	160	30	Creek N.
O'Connell Brothers (Brawley)	0.3 S,hwy W		24 S6	80 oct. N/S taxiing only! Rnwy data unver
(P) PALM SPRINGS	2.5 E,RR NE	448	69h L5 S6	80,91,100 oct.
Port Mecca (Mecca)	1.4 WNW	-180	17 S5	80 oct. RR SW.
Rice	2.2 ESE,RR N	832	55h	
Salton Sea	SW shore	-152	40	
(A) Shavers Summit (Indio) AAF (A)	29.5 ESE,hwy S	1690	60h	Mtns N,S,W. CLOSED
(A) Thermal AAF (A)	1.8 SW,hwy W	-117	50h	CLOSED
Twentynine Palms	4.8 N	1768	40h	

NEW AIRPORTS

(P) Yuma Co. (Ariz)	4.5 SSE,RR N	213	65h R1 L2S4	80,91 oct. Bnary lgts prior req.
Wickenburg Mun. (Ariz.)	14.8 WSW;RR N	2380	45 S2	80,91 oct.
Ajo (Ariz)	5 NE;rd,RR W	1490	40 S4	80 oct. Rough in spots.
Quartzsite (Ariz.)	0.3 SSW,hwy E	850	38	Trees N,W. N/S strip hazardous

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → New or revised data.

BLYTHE

ALL FACILITIES IN LOS ANGELES FLIGHT ADVISORY AREA

LAS VEGAS 71

TWENTY-NINE PALMS 40H

PALM SPRINGS 6911

DESERT CENTER 38 L S

CALIF. 18 D A

RICE AAF 55 H

DESERT CENTER AAF 50 H

PARKER 32

WICKENBURG MUN 40 H S

WICKENBURG

GARY - 392' 29H

CALIF ARIZ

INDIO 34 S

INDIO 242 (116.1)

THERMAL AAF 50 H

PORT MECCA

SHAVERS SUMMIT AAF 60 H

HARVEY

BLYTHE AAF 52 H

HERON 27 S

SALOME 41 L

CUARTZSITE

PERRYVILLE 39

WHITE TANK

GREEN S

SALTON SEA 40

CALIF. 4 D A

CALIPATRIA

BRAWLEY 30 S

O'CONNELL

IMPERIAL CO

BLYTHE 251 (111.1, 116.1)

LAGUNA 50H

GILA BEND 257 (116.1)

NAS EL CENTRO (-43') 69H L S - 317 (142.74)

CALIF 12 D A

GILA BEND NO 5 37H

GILA BEND AAF - 858' 52H

DATELAN AAF 66H

MARSH 40 S

YUMA 230 (111.1, 116.1)

GILA BEND NO 6 37H

GILA BEND NO 4 37H

WELLTON

AJO

AJO AAF 64H L S

ARIZ 1 D A

MT. LAGUNA 382 (116.1)

EL CENTRO 212 (116.1)

JACUMBA HOT SPRINGS OLF 25

HOLTVILLE 60 H L S

CALEXICO 28 S

SOMERTON 26 S

YUMA CO 69 H L S

ARIZ MEXICO

TO SAN DIEGO

TO CASA GRANDE

LOS ANGELES 99

PHOENIX 103

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "B" QUADRANTS.

● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT

AIRPORTS LESS THAN 2500 FT. IN LENGTH, HAVING UNPAVED RUNWAYS AND NO LIGHTS, CARRY NO CLASS IN AIRPORT BOX

(R): EXTREMELY HAZARDOUS
(B): USABLE WITH CAUTION

SCALE OF MILES.
25 0 25 50

RADIO AIDS TO NAVIGATION

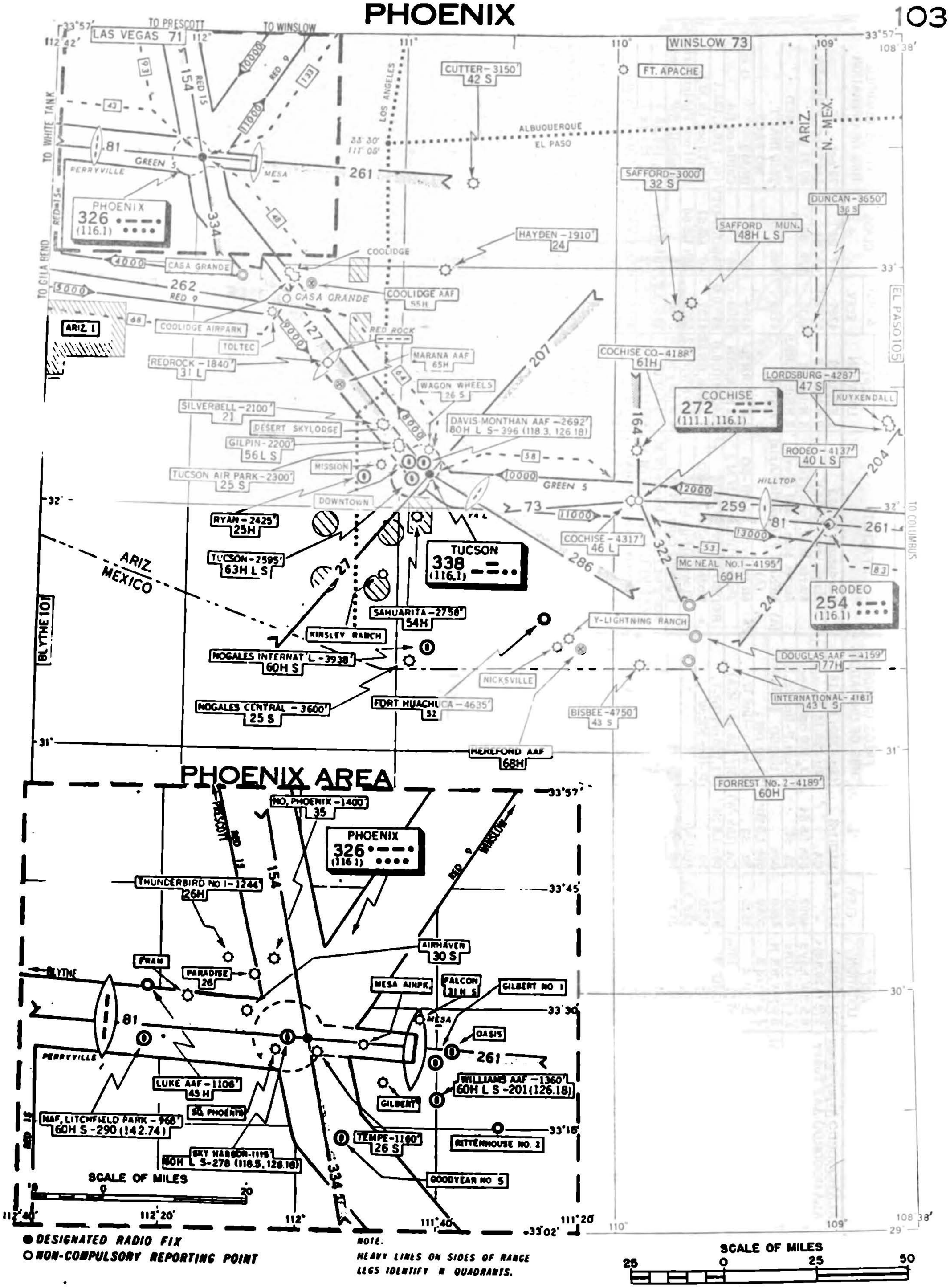
LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
COCHISE (Int.)	272(CJ)(vhf)	SBMRAZ-DTV,253°,2.2	(4);116.1,122.1
DAVIS MONTHAN FIELD (Tucson)	396 (126.18) (118.3)+	C	(4);116.1,126.18,118.3,122.5
HILLTOP FM	(-)	FM, 70°, 34.4	Cochise
LITCHFIELD PARK NAF	290 (142.74)	CN	(3); 142.74 (0730 to sunset)
MESA FM	(-)	FM, 81°,15	Phoenix
PERRYVILLE FM	(- - -)	FM, 261°, 29.4	Phoenix
PHOENIX (Sky Harbor Airport)	326(PH)(116.1)	SBMRAZ-DTV,261°,1.8	(3); 116.1
RED ROCK FM	(- - - -)	FM, 307°, 42.6	Tucson
SKY HARBOR AIRPORT (Phoenix)	278(126.18)(118.5)	C	(4);116.1,140.1,126.18,118.5, 122.5
TUCSON (Davis Monthan)	338(TZ)(116.1)	SBRAZ-DTV;307°,3.28	(3); 116.1
VAIL FM	(- -)	FM, 106°, 13.9	Tucson
WILLIAMS FIELD (Chandler)	201 (126.18)	CA	(3); 126.18
NEW MEXICO			
RODEO (Int.)	254(RH)(116.1)	BMRLZ-DTV,24°,0	(4); 116.1,122.1

S-Simul Range and Voice; W-Without Voice. /-VHF Range Station Location Marker. (3)-3105, 4495, 6210 kcs. (4)-3105, 4495, 6210, 3117.5 kcs Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — ARIZONA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Air-Topia (Phoenix) (NC)	6.2 SW;hwy N	1050	24 S6	80 oct.Rough
Bisbee	6.4 SSE,RR W	4750	43 L S6	80 oct;91 oct on req. Poles W. Port rnwy lgts prior req.
Bowie (NC)	1.9 W,RR N	3800	20	Pole line NE, W.
Clifton-Morenci (Clifton)	8.7 SSE,hwy W	3800	53 S2	80 oct.
★ Cochise Int,T-3,PH-EO	6 S,	4317	46 R1 L3	
(P) Cochise County (Willcox)	3.8 W,rd N	4188	61h	
Coolidge Airpark	1.7 S;hwy W,S.	1450	32 S1	80 oct,P-line NW.
(A) Coolidge AAF (A)	6 SE	1587	55h	CLOSED
Coolidge Flying Field	1.5 WSW	1450	27 S4	80,91 oct.P-line NE,W;RR 1,5 E
Cutter (Globe)	6.8 ESE,RR N	3150	37 S6	80,91 oct.
(A) DAVIS-MONTHAN (Tucson)(A)	4.2 SE;RR S	2692	80h R2 L5 S6	80,100 oct.P-line S.
(A) Douglas AAF (A)	8.5 NNW	4159	77h	CLOSED,Twr E.
Duncan	1 NE	3650	36 S2	80 oct.Poles WSW.
Falcon (Mesa)	7.3 NE;riv 2 N	1332	31h S4	80,91 oct.
Florence (NC)	5 SSE,hwy E	1500	45	
(A) Forrest #2 (Douglas)(A)	6.4 WNW	4189	60h	CLOSED.
(P) Ft.Apache (White River)	2.6 SSW,riv S	5109	34 S2	80 oct. P-line N,NE
(A) Ft. Huachuca (A)	3.5 E;RR NW	4635	52	
Gilpin (Tucson)	4.2 NW,RR W	2200	56 L5 S6	80,91 oct.No flood,Fld lgts prior
Hayden	1.2 S,hwy E	1910	24	Obst sur fld, req.
(A) Hereford AAF(A)	2.5 WSW,rd N	4347	68h	Twr SE. CLOSED
→ INTERNATIONAL (Douglas)	3.3 E	4181	43 L4 S4	80,91,100 oct.Fld lgts prior req. ARPT OF ENTRY.
Kinsley Ranch (Amado)	1.6 NNW;hwy E	3100	35	PRIVATE.
Litchfield (Litchfield Park)(NC)	0.5 NW;cty SE	1062	37	PRIVATE.
(N) Litchfield Park NAF (N)	4.8 S;RR S	968	60h R1 S1	100 oct.
(NG) Luke (Phoenix) (NG)	18 WNW	1106	45h S4	100 oct,2nd ech. maint NG.
(A) McNeal #1 (Douglas)(A)	19 NNW	4195	60h	CLOSED.
(A) Marana AAF (A)	6 NW;riv 1 W	1891	65h	CLOSED
Mesa (NC)	1.8 NNW,hwy E	1100	18	Pwrline E,W;bldgs E;canal embankment W
Mesa Airpark	1.4 W;hwy S	1238	27 S6	80,91 oct.No sto.P-line E.
Nogales Central	3 N,RR E	3600	25 S6	80,91 oct,P-line ESE.
(P) Nogales International	8 NE;hwy NW	3938	60h L5 S4	80,91 oct.All lgts prior req. ARPT OF ENTRY.
North Phoenix (Cactus)	0.5 E,hwy W	1400	35 S1	80 oct.
Paradise (Phoenix)	6 NNW,canal S	1256	26 S4	80,91 oct. Trees S
Phoenix Airhaven	See Airhaven under "New Airports" - name changed.			
* Redrock Int,7B, PH-EO	2.3 NW,RR E	1840	31 L5	P-line NE.
Ryan (Tucson)	13 WSW,rd S	2425	25h	Low dike S and E corner.
(P) Safford Mun	4.5 ENE;riv 2 S	3176	48h L5 S4	80,91 oct. Fld lgts prior req.
Sahuarita Flight Strip	2.2 E,	2758	54h	
(P) Sells (NC)	2 NW,rd E	2380	24	
Silverbell (Tucson)	11.2 NW;riv NE	2100	21	
SKY HARBOR (Phoenix)	2.8 ESE,RR N	1115	60h R2 L5 S6	91, 100 oct. Fld lgts prior req.
Superior (NC)	2 WSW,hwy N	2600	19 S4	73,80 oct. P-line NNE. Slopes WSW
Tempe	1.2 SW,RR E	1160	26 S6	80 oct.Poles E,trees W.
Three Point (Casa Grande)(NC)	1.5 NNW;hwy E	1400	37 S4	80 oct,P-line NE,SW.
Thunderbird #1 (Phoenix)	12 NW	1244	26h	
Thunderbird #2 (Phoenix) (NC)	13 NE,rd W	1500	40	
Toltec	0.4 NNW;RR SW	1500	25	Poles SSW,WSW.
(P) Tucson	7 S,RR W	2595	63h L5 S6	80,91 oct.
Tucson Airpark	3.1 NW,RR E	2300	25 S6	80 oct,P-line NW.
Wagon Wheels Ranch (Tucson)	5.5 ENE	2200	26 S6	80 oct. Slopes to SSE.,P-line S,SE
Wickersham (Safford)	See Safford under "New Facilities" - name changed.			
Willcox (NC)	0.9 WNW,hwy E			ABANDONED.
(A) Williams (Chandler) (A)	10 E;RR 1 SW	1360	51h R1 L5 S6	73, 91, 100 oct. JP-1.
NEW MEXICO				
Lordsburg	1 SE,RR N	4287	47 S1	73 oct.
* Rodeo Int, 26A, PH-EO	7.3 NNE,RR SE	4137	40 R1 L3 S1	Ltd 73 oct.
NEW AIRPORTS				
# Downtown (Tucson,Ariz.)	1.4 S;RR SW	2400	42 L S6	80,91 oct,P-line N,S,NW.Port bndry lgts.
Nicksville (Hereford,Ariz.)	9 W;hwy W	4750	32 S4	80 oct,Poles SW.
* Y-Lighting Ranch (Hereford,Ariz.)	6 WNW;rd W	4400	26	
Gilbert (Ariz)	0.7 SSW	1200	16 S1	80 oct,P-line E,fence W.
Airhaven (Phoenix,Ariz)	3.9 WNW;RR SW	1150	30 S4	80 oct,No sto.Poles SW,NE.
Gram (Glendale,Ariz)	See Fram below - name changed.			
Oasis (Mesa,Ariz)	11.5 E;hwy N	1550	18 S4	80 oct.No sto.Trees NE,SW.
South Phoenix, (Ariz)	3 SSE;riv N	1100	26 S6	80 oct.No sto.P-line E,W.
Mission Arpk (Tucson,Ariz)	8.3 WSW;rd S	2665	27 S6	80 oct Poles W
(P) Safford (Ariz.)	2.5 S;hwy W	3000	37 S6	80,91 oct. Poles S,SE.
Desert Skylodge (Tucson,Ariz.)	10 NNW;RR NW	2025	32 S6	80,91 oct.Poles NW,WNW.
Fram (Glendale,Ariz)	5 W;rd E	1060	21 S6	80 oct,Poles E,W,E end hazardous.
Benson (Ariz)	2 ESE;RR,hwy N	3500	42 S4	80 oct.P-line N,ENE.
Casa Grande Aux #4 (Ariz)	5.2 NNW;hwy E	1430	37h	
→ Gilbert Aux #1 (Ariz)	7 ENE	1400	40h	
Goodyear Aux #5 (Ariz)	2.6 WSW	1175	55h	
Rittenhouse Aux #2 (Ariz)	6.3 NE	1550	37	

h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC (not charted). → NEW OR REVISED DATA.


LAS VEGAS 71
TO PRESCOTT
TO WINSLOW
WINSLOW 73
CUTTER – 3150' 42 S
FT. APACHE
ALBUQUERQUE
EL PASO
ARIZ.
N.-MEX.
SAFFORD – 3000' 32 S
DUNCAN – 3650' 36 S
SAFFORD MUN. 48H L S
HAYDEN – 1910' 24
PHOENIX 326 (116.1)
PERRYVILLE
MESA
GREEN 5
COOLIDGE
CASA GRANDE
COOLIDGE AAF 55H
COOLIDGE AIRPARK
TOLTEC
RED ROCK
MARANA AAF 65H
WAGON WHEELS 26 S
REDROCK – 1840' 31 L
SILVERBELL – 2100' 21
DESERT SKYLODGE
GILPIN – 2200' 56 L S
MISSION
TUCSON AIR PARK – 2300' 25 S
DAVIS-MONTHAN AAF – 2692' 80H L S – 396 (118.3, 126.18)
DOWNTOWN
RYAN – 2425' 25H
TUCSON – 2595' 63H L S
TUCSON 338 (116.1)
SAHUARITA – 2758' 54H
KINSLEY RANCH
NOGALES INTERNAT'L – 3938' 60H S
NOGALES CENTRAL – 3600' 25 S
FORT HUACHUCA – 4635' 52
NICKSVILLE
BISBEE – 4750' 43 S
HEREFORD AAF 68H
COCHISE CO. – 4188' 61H
COCHISE 272 (111.1, 116.1)
LORDSBURG – 4287' 47 S
KUYKENDALL
RODEO – 4137' 40 L S
HILLTOP
COCHISE – 4317' 46 L
MC NEAL NO. 1 – 4195' 60H
RODEO 254 (116.1)
Y-LIGHTNING RANCH
DOUGLAS AAF – 4159' 77H
INTERNATIONAL – 4181' 43 L S
FORREST NO. 2 – 4189' 60H
TO COLUMBUS
BLYTHE 10
ARIZ. MEXICO
ARIZ 1
PHOENIX AREA
NO. PHOENIX – 1400' 35
PHOENIX 326 (116.1)
THUNDERBIRD NO 1 – 1244' 26H
FRAM
PARADISE 26
AIRHAVEN 30 S
MESA AIRPK.
FALCON 31 H S
GILBERT NO 1
OASIS
LUKE AAF – 1106' 49 H
SO. PHOENIX
NAF, LITCHFIELD PARK – 968' 60H S – 290 (142.74)
SKY HARBOR – 1115' 80H L S – 278 (118.3, 126.18)
TEMPE – 1160' 26 S
WILLIAMS AAF – 1360' 60H L S – 201 (126.18)
GILBERT
RITTENHOUSE NO. 2
GOODYEAR NO 5
SCALE OF MILES
25 0 25 50
● DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY N QUADRANTS.

EL PASO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMOGORDO Army Range	221 (DGR)	167°,6.5	BMRLZ	(3); 4220; 126.18
ALAMOGORDO AAF Tower	272 (126.18)		CA	(3); 126.18 maint.(A)
(A) Alamogordo AAF (N.M.)	8.5 SW;hwy S	4092	84h L5 S4	73, 100 oct. 3rd ech
Alamogordo (N.M.)	2.4 N;bet RRs	4320	29 S6	80 oct. P-line SE, NW,
(A) Aragon #5 (Marfa, Tex)(A)	9 WNW;RR N	4880	60h	CLOSED. SSE, SSW.
(P) Artesia Mun. (N.M.)	4.2 W;rd S	3550	69h L5 S1	73-91 oct.
B&B Fly Svc. (Roswell, NM)	2 S;RR E	3600	32 S2	80 oct P-line W.
► BIGGS Tower (Texas)	396 (126.18)+		CA (ILS-W)	(3); 126.18 (GCA)
(A) Biggs (El Paso, Tex)(A)	6 NE;RR W	3937	96h L5 S6	73,100 oct; JP-1.
Bowie (Ariz)	1.9 W;RR N	3800	20	P-line NE, W
CARLSBAD Range (N.M)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct
(P) Carlsbad, mun. (N.M.)	6.1 SSW;hwy SE	3276	67h L5 S6	73-91 oct. No flood. Fld lgts on req. Rnwy data unver
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Carrizozo (N.M.)	0.6 N;hwy S, E	5420	33 S2	80 oct. P-line WSW.
Clifton-Greenlee Co.	8.7 SSE;hwy W	3800	35	(Clifton, Ariz)
COLUMBUS Range (N.M)(Int)	284(KS)(116.1)	262°,1.9	SBMRAZ-DTV	(4); 116.1, 122.1
★ Columbus Int, 34, PH-EO	0.6 ESE;hwy N	4024	42 L3 S1	80 oct. (N.M.)
(P) Culberson Co. (Van Horn)	3.5 ENE;RR S	3955	60h	(Texas)
★ Delaware Springs Int., 11, EO-FV (Texas)	16.8 E of Pine Springs	3955	40 L3 S1	91 oct. P-line SSE
(A) Deming AAF (A) (N.M)	2 ESE;hwy W	4314	81h	CLOSED.
Deming Arpk (N.M.)	6 WSW;RR N	4300	31 S4	73 oct. No sto.
(A) Deming (South) (N.M.)(A)	19.5 SSW	4240	60h	CLOSED.
(A) Deming (Center) (N.M.)(A)	11.5 W;hwy S	4440	60h	CLOSED.
(A) Douglas AAF (Ariz)(A)	8.5 NNW	4159	77h	CLOSED Twrs E.
Duncan (Ariz)	1 NE;race track W	3650	36	P-line W
EL PASO Range (Anderson) (Tex)	242(EO)(116.1)	257°,4.9	SBRAZ-DTV	(3); 116.1, 122.1
EL PASO Tower (Tex) [El Paso Mun.](Tex)	See Anderson under "New Facilities" - name changed.			
	See Anderson under "New Facilities" - name changed			
ENGLE Range (N.M.)(Int.)	344(EX)(116.1)	176°,2.9	SBRAZ-DTV	(4); 116.1
★ Engle Int, 10, EO-PU(N.M.)	2.6 E;hwy N	4853	45 L3	
(A) Forrest #2 (Douglas, Ariz)	6.4 WNW	4189	60h	CLOSED(A)
Fort Hancock (Tex)	0.7 SE;RR N			ABANDONED
GUADALUPE PASS (Tex)	(116.1)		VP	(4); 116.1, 122.1
★ Hachita Int, 29B, PH-EO	0.8 W;RR N	4498	38 L3	P-line N. (N.M.)
Hot Springs (N.M.)	7.4 N;hwy E	4750	75 S4	80 oct. Rnwy data unver
★ Hudspeth Int, 4, EO-FV	48.5 E El Paso	4645	40 L1	(Texas)
Hurley (N.M.)	0.8 W;RR E	5748	33 S4	73 oct. No sto.
► [International] (Douglas, Ariz)	3.3 E;hwy N	4181	43 L4 S4	80-100 oct. Fld lgts prior req. ARPT OF ENTRY
John J. Small (Carlsbad)	3.5 SSE;RR NE	3150	27 S1	73 oct. (N.M.)
Jundt (Strauss, N.M.)	8.8 ESE;hwy NE	3709	32 S6	73,80 oct. No sto. Trees
Kent (Texas)	0.6 WNW;RR S	4260	21	P-line NE, SW. PRIV E.
Las Cruces (N.M.)	1 NE;hwy N	3900	35	
Las Cruces, mun. (N.M.)	8.5 W;hwy S	4426	75h L5	Site 4, EO-PU.
Las Cruces (old) (N.M.)	9.5 NE;hwy S	4538	39	Pwr line S. Mtn E.
Lordsburg (N.M.)	1 SE;RR N	4287	47 S1	73 oct.
Magdalena (N.M.)	0.8 N;RR S	6572	48 S1	Ltd 73 oct. P-line SW.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy, RR S			ABANDONED
(A) McNeal #1 (Douglas, Ariz) (A)	19 NNW	4195	60h	TMP INACT NO FACS.
★ Mt. Riley Int, 37, PH-EO	1.8 SE;RR N	4106	36 L2	(N.M.)
Parker (Ruidoso, N.M.)	8.2 NNE;rd N	7200	36	Cattle on fld.
RODEO Range (N.M.)	254(RH)(116.1)	24°,0.0	BMRLZ-DTV	(4); 116.1, 122.1
★ Rodeo Int, 26A, PH-EO	7.3 NNE;RR SE	4137	40 L3 S1	Ltd 73 oct. (N.M.)
[Roswell] (N.M.)	1.6 WNW;RR 2	3621	56h L5 S6	80,91 oct. Fld lgts prior
Roswell Com. (N.M.)	4 W;hwy N E	3700	33	Windmill SW. req.
ROSWELL Army Range (N.M.)	305 (DEH)	255°,3.6	SBMRAZ	(3); 126.18
ROSWELL AAF Tower (N.M.)	396 (126.18)+		CA	(3); 126.18
(A) Roswell AAF (N.M.)(A)	6.5 S	3666	85h L5 S6	91,100 oct. No sto.
(A) Roswell AAF #3 (N.M.)(A)	18 S	3712	70h	CLOSED
Ruidoso (N.M.)	2.2 NNE;hwy W	7000	60 S2	80 oct. Mtns sur fld.
(A) Ryan #3 (Marfa, Tex)(A)	19 WNW;RR NE	4750	60h	CLOSED
Safford (Ariz)	4.5 ENE;rlv S	3176	48h L5 S5	80,91 oct. Fld lgts prior
SALT FLAT Range (Tex.)	335(DN)(116.1)	162°,2.7	BMRLPZ-DTV	(4); 116.1, 122.1 req
★ Salt Flat Int, 8A, EO-FV	17 SW Guad. Ps	3710	40 L3 S1	80 oct. Hwy S. (Tex)
Sierra Blanca (Tex)	2.8 ESE;hwy N	4450	21	P-line N.
Silver City (N.M.)	11.5 SE;hwy E	5400	54	
Skytel (Deming, N.M.)	1.4 WSW	4300	38 S2	73,80 oct. P-line E.
Socorro (N.M.)	2.5 S;hwy E	4759	60h L5 S1	80 oct. Use rnwys only.
State College (Mesilla Park)	1.2 E;RR W	3800	30 S6	73 oct. No sto. (N.M.)
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S			ABANDONED.
Tularosa (N.M.)	2.2 N;RR W	4550	34	
Valley (Berino, N.M.)	1 ENE;hwy W	3825	34 S1	73 oct. 50'hi-line E.
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Whitehill (Silver City, N.M.)	4 SSE	5800	30	P-line N. Rnwy data
Wickersham (Safford, Ariz)	2.5 S;RR NE	3000	32 S6	80,91 oct unver

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs., Compass Locators in kcs)

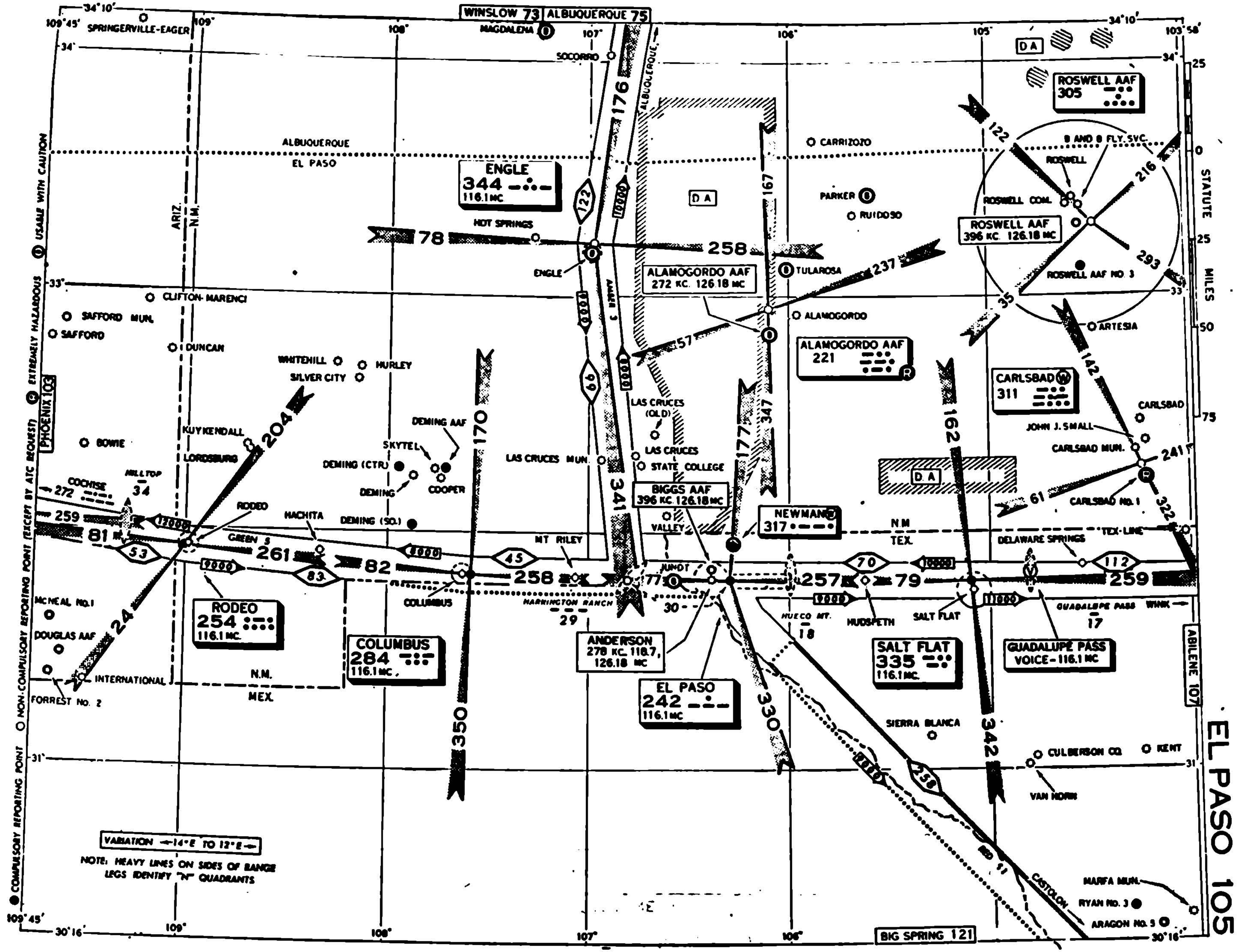
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIGGS (A)	109.9	333.8	210°	IM- (0.26)	MM- ····· (0.85)	OM- — — (4.35)
					MMK-	OMK-
ANDERSON	109.5	332.6	217°	IM-	MM- •—•— (0.67)	OM- — — (4.56)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

NEWMAN H Fac (Tex)	317(P)	357°,11	MHW	El Paso (cont)
McCombs Fld #1 (Pine Spgs, Tex)	7 5 NNE	5200	20	Rough. Emerg. use only
Kuykendall (Lordsburg)	0.8 NNW;hwy E	4290	29 S1	80 oct. P-line NNE, 3E. (N.M.)
Springerville-Eager (Ariz)	1,5 W	7000	37 S1	80 oct.
Cooper (Deming, N.M)	2.7 S	4300	25 L S1	80oct Ctc, obst lgts prior req
ANDERSON Tower (Tex)	278(126.18, 118.7)		AC(ILS)	(4); 122.5, 118.7, 126.18
[Anderson] (El Paso, Tex)	4.8 ENE;RR SW	3936	70h L6 S6	73, 91, 100 oct. ARPT OF ENTRY.

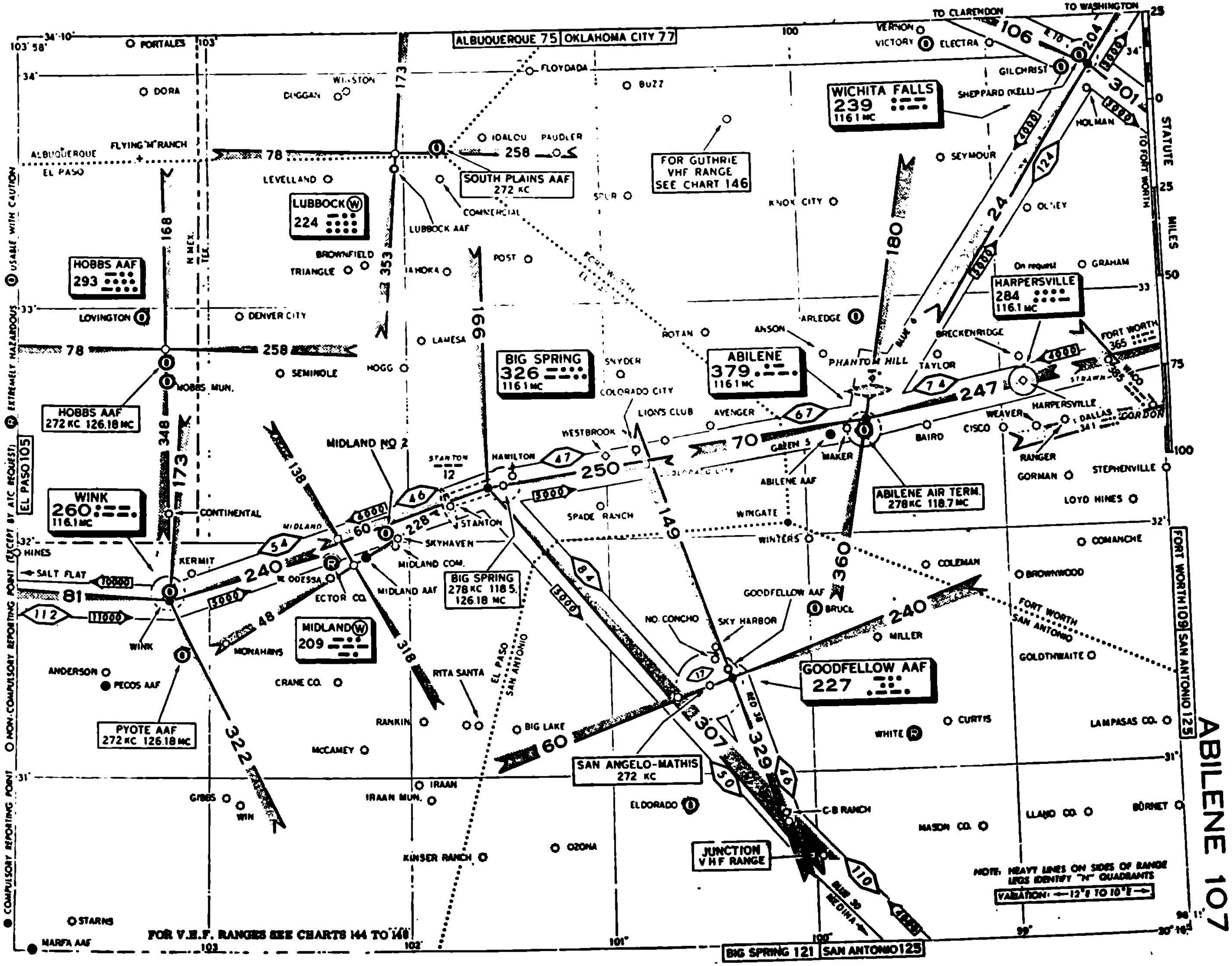
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
► New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized.


WINSLOW 73
ALBUQUERQUE 75
SPRINGERVILLE-EAGER
MAGDALENA
SOCORRO
ALBUQUERQUE
EL PASO
ARIZ.
N.M.
ENGLE
344
116.1 MC
HOT SPRINGS
ENGLE
ALAMOGORDO AAF
272 KC. 126.18 MC
CLIFTON-MARENCI
SAFFORD MUN.
SAFFORD
DUNCAN
WHITEHILL
HURLEY
SILVER CITY
KUYKENDALL
LORDSBURG
BOWIE
COCHISE
MILLTOP
34
RODEO
HACHITA
DEMING (CTR)
DEMING
DEMING AAF
SKYTEL
COOPER
DEMING (SO.)
LAS CRUCES MUN.
LAS CRUCES (OLD)
LAS CRUCES
STATE COLLEGE
MT RILEY
GREEN 5
VALLEY
JUNOT
HARRINGTON RANCH
29
COLUMBUS
MCNEAL NO.1
DOUGLAS AAF
INTERNATIONAL
FORREST NO. 2
RODEO
254
116.1 MC
COLUMBUS
284
116.1 MC
ANDERSON
278 KC. 118.7,
126.18 MC
EL PASO
242
116.1 MC
BIGGS AAF
396 KC. 126.18 MC
NEWMAN
317
N.M.
TEX.
TEX-LINE
DELAWARE SPRINGS
HUECO MT.
18
HUDSPETH
SALT FLAT
SALT FLAT
335
116.1 MC.
GUADALUPE PASS
WINK
17
GUADALUPE PASS
VOICE-116.1 MC
SIERRA BLANCA
CULBERSON CO.
KENT
VAN HORN
MARFA MUN.
RYAN NO. 3
ARAGON NO. 5
CASTOLON
ROSWELL AAF
305
ROSWELL
B AND B FLY. SVC.
ROSWELL COM.
ROSWELL AAF
396 KC. 126.18 MC
ROSWELL AAF NO. 3
CARRIZOZO
PARKER
RUIDOSO
TULAROSA
ALAMOGORDO
ALAMOGORDO AAF
221
ARTESIA
CARLSBAD
311
CARLSBAD
JOHN J. SMALL
CARLSBAD MUN.
CARLSBAD NO. 1
241
322
61
D A
D A
D A
122
216
293
35
142
162
167
177
347
341
330
342
350
170
176
258
237
57
78
82
81
261
259
272
204
24
53
83
45
70
79
112
99
77
30
31
33
34
25
0
25
50
75
STATUTE MILES
ABILENE 107
EL PASO 105
BIG SPRING 121
USAAF WITH CAUTION
EXTREMELY HAZARDOUS
PHOENIX 103
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
VARIATION 14°E TO 12°E
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
109°45'
109°
108°
107°
106°
105°
103°58'
34°10'
34°
33°
30°16'

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Abernathy #1 (Tex) (A)	5 ENE			ABANDONED.
ABILENE Range (Tex)(Air Term.)	379(AP)(116.1)	180°,2.2	SBRAZ-DTV	(3); 116.1, 122.1 NATS
ABILENE AIR TERM Tower (Tex)	278 (118.7)		C	(4);118.7,126.18,122.5(7-23)
(P) [Abiline Air Terminal] (Tex)	2.8 ESE;RR N	1758	36h L5 S6	80,91 oct.100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED P-line S,SE,SW
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct.Poles sur fld
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
Arledge (Stamford, Tex)	5 SE;RR SW	1600	23h	P-line S.
(P) Avenger (Sweetwater, Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;RR S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-DTV	(3); 116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4); 126.18, 122.5, 118.5 (7-23)
(N,P) [Big Spring] (Tex)	3.3 WSW;hwy N	2595	64h L5 S6	80,91,100 oct. NATS
Breckenridge (Tex)	2.5 S;RR E	1250	29 S6	80 oct. P-line N,E,NW
Brownfield (Tex)	5 E;hwy N	3314	50 S2	80 oct.P-line N,NE.
(P) Brownwood Mun. (Tex)	6.3 NNE;RR S	1386	50h L5 S4	80,91 oct.Ctc lgts on req.
Bruce (Ballinger,Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req.Use rnwys.
Burkburnett (Tex)	1 SE;RR SW			ABANDONED
Burnett (Tex)	2 NE;RR W	1325	21 S1	80 oct. P-line SW
Buzz (Roaring Springs, Tex)	2.3 NNE;hwy W	2600	26 S1	80 oct.
C-B Ranch (Ft.McKavett,Tex)	1.5 W;road S	2150	32 S1	80 oct. Livestock on fld
Cisco (Tex)	2.5 NNW;lake 2 N	1620	30 L S4	80,91 oct. Flare pots,flds
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80,91 oct.Use rnwys prior req.
Comanche (Tex)	1.7 NNW;hwy SW	1500	14	
Commercial (Lubbock, Tex)	3.2 SE;bet hwys	3240	40 S6	73,80 oct.No sto.Use strips
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct.Hi-line S.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Denver City (Tex)	0.8 NW	3584	40 S1	80 oct. Data unver.
Dora (N.M.)	1.3 E;hwy W	4000	27 S1	73 oct.P-line N.
Duggan (Littlefield,Tex)	1.2 S;RR NE	3550	37 S4	80,91 oct.Pwrline E,NE,SE
Dyche (Ft. Stockton, Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct.Poles E.Cattle on fld
Electra (Tex)	3.6 WNW;RR S	1229	27 S2	80 oct.
Floydada (Tex)	1.2 NNW;RR N	3287	20 S1	80 oct P-line S RR SW
Flying "M" Ranch (Milnesand)	0.4 NNW;hwy E	4360	20 S2	80 oct.Data unver (N.M.)
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'.
Gilchrist (Wichita Falls,Tex)	7 WNW;RR S	1020	30 S1	80 oct P-line S
GOODFELLOW Army Range (Tex)	227 (DIP)	329°, 2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)(A)	3 SE;rds N,W	1877	55h	TMP INACT.
Gorman (Tex)	1 S;RR NE	1400	26 S2	80 oct. Poles NNE
HARPERSVILLE H Fac. (Tex)	284 (HV)(116.1)		MHTV	(4); 116.1, 122.1
* Harpersville Int,44,EO-FV(Tex)		1396	45 L3	9.2 S of Breckenridge
HOBBS Army Range (N.M.)	293 (DHB)	168°,2.8	MRLZ	(3) (V, 7-23)
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126 18 (630-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct. prior req.
Hobbs Mun. (N.M.)	5 W;hwy N	3658	50h L5 S6	80,91 oct.P-line N.Fld lgts
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct Bldg SW
Holman (Wichita Falls, Tex)	3.1 SSE;hwy W	980	31 L S6	80,91 oct Poles SE,E,NE
Idalou (Tex)	5.5 ENE	3189	54h	Flood lgts.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE Use strips only.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona, Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver
Knox City (Tex)	0.8 SSE;RR W	1550	17	
Lamesa (Tex)	8 NNE;hwy E	3031	43h	Use rnwys only.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Lampasas Co. (Lampasas,Tex)	6 NW;RR S	1480	42 S2	80 oct.
Levelland (Tex)	2 S;hwy W	3550	25 S1	80 oct.P-line NW,SW
NEW FACILITIES				
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S6	80 oct.P-line N,NE,NW.
Goldthwaite (Tex)	2.6 WSW;hwy NW	1560	35 S2	80 oct.P-line W.
Vernon (Tex)	2.3 SSE;hwy W	1210	27 S6	80 oct Rough N,soft S ends

FACILITY	FREQ., IDENT / ARPT. LOCATION	BEAR & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
Llano Co.(Llano, Tex)	2.4 NNE;riv NE	1029	40 S1	73 oct.
Lovington (N.M.)	0.8 E;hwy S	3985	36 S1	73 oct.P-line S,SE,SW
Loyd Hines (Dublin, Tex)	1.3 NW;RR SW	1260	18 S1	73 oct.Poles NW,SW,SE.
LUBBOCK Army Range (Tex)	224 (DHH)	173°,3.7	MRLWZ	
(A) [Lubbock AAF](Tex) (A)	9 W;RR S	3332	65h	TEMP INACT,NO FACS.
(A) Marfa AAF (Tex) (A)	9 ESE;RR N	4865	75h	CLOSED.
(P) Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED.
MIDLAND Army Range (Tex)	209 (DON)	48°, 3.8	MRLWZ	
(A) [Midland AAF](Tex) (A)	9.5 WSW;RR S	2867	64h	CLOSED.
MIDLAND #2 Tower (Tex)				DECOMMISSIONED
[Midland#2](Tex)	3 NNW;rd E	2805	64h L5 S1	80,91 oct.P-line SE.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld Strip
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto ends rough
Monahans (Tex)	1.2 SW;RR N	2643	32 S6	80,91 oct P-line SSW
[North Concho](San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE.
(P) Olney (Tex)	4 WSW;rd S,N	1274	55h L5 S6	80,91 oct.Lgts prior req
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct
Paducah (Tex)	2.5 ESE;RR NW			ABANDONED
Parker (Texon, Tex)	2.3 W;RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Portales (N.M.)	4.5 SW;RR NNW	4200	46 S1	73 oct
Post (Tex)	0.8 NE;RR W	2700	28	SSW,W blckd Canyon E
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S4	73,91,100 oct;JP-1 fuel
Ranger (Tex)	1.5 SSW;RR W	1420	28 S6	80 oct. P-line NE
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld
Rotan (Tex)	1.4 NNW;rd E	2000	26	Poles E. CAUTION
SAN ANGELO-MATHIS Tower (Tex)	272		CI	(4) 12 noon 'til 1 hr. after
(P) [San Angelo-Mathis](Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct sunset,Closed Mon
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct P-line S Use strips
Seymour (Tex)	1.3 SE;riv SW	1300	27 S1	80 oct
[Sheppard/Kell Mun.](Wichita Falls, Tex)	5.8 N;hwy W	1028	66h L5 S6	80,91 100 oct.P-line W
Sky Harbor (San Angelo, Tex)	4.6 NNW;RR SW	1840	30 L3 S4	80, 91 oct After 2100 lgts on req P-line W,NW
Skyhaven (Midland,Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct P-line ENE,SE
SOUTH PLAINS AAF Tower (Tex)	272		CA	(4) (8-17 Mon-Fri)
(A) [South Plains AAF](Lubbock)	5.5 NNE;hwy W	3256	65h L5 S6	73,100 oct. (Tex)
Spur (Tex)	2.2 S;RR N	2363	28 S4	80, 91 oct
Stamford (Tex)	2.5 N;hwy E			ABANDONED Port rnwy lgts
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct prior req.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct Port rnwy lgts
Taylor (Albany, Tex)	1 N;RR SW	1429	28 S2	80 oct
Triangle (Brownfield, Tex)	1.8 SSW;RR NW	3200	20 S2	73 oct
U & S Fly Svc.(Big Spring,Tex)	See Hamilton under "New Facilities" - name changed.			
Victory (Vernon, Tex)	5.9 SSW;hwy E	1230	20h S2	No fuel
Weaver (Eastland, Tex)	1 NE;RR S	1576	31 S6	80 oct
* West Brook Int,32,EO-FV (Tex)	1.3 S;RR N	2188	34 L3	P-line N,S
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
WICHITA FALLS Range (Tex) (Sheppard/Kell Mun.)	239(WF)(116.1)	305°,1.7	SBMRAZ-DTV	(4); 116.1, 122.1
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260(WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80, 91 oct
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct
NEW FACILITIES				
GUTHRIE Range(Tex)	108.3(UH)		VARW	
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex)	14.8 S;ranch 4 E	2127	26	
Paudler (Crosbyton,Tex)	1.5 E;RR W	3108	16 S2	80 oct.P-line N,NE,NW
Tahoka (Tex)	1.3 SSW;hwy E	3090	41 L S6	80 oct.P-line NE,W,NW
Winston (Littlefield,Tex)	7.5 ENE	3550	43	P-line V Strip lgts prior req.
Westodessa(Odessa,Tex.)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Decker Ranch (Candelaria,Tex)	11 NNE;cliff 2 E	3650	29	PRIVATE
Graham (Tex)	2 ENE;hwy,RR N	1060	40 S3	80 oct.P-line NW,W,N.Trees
Hamilton (Big Spring,Tex)	1.5 N;hwy 1 S	2517	40 S6	80 oct.P-line N,NNE.Ctc SW
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct (Data unver
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct P-lines N,E,ESE,NW
Snyder (Tex)	1.3 S	2270	21 S2	80oct P-lines NW,W,SE.E blkd.


ALBUQUERQUE 75 | OKLAHOMA CITY 77
BIG SPRING 121 | SAN ANTONIO 125
ABILENE 107
PORTALES
DORA
FLOYDADA
BUZZ
VERNON
VICTORY
ELECTRA
TO CLARENDON
TO WASHINGTON
GILCHRIST
SHEPPARD (KELL)
HOLMAN
SEYMOUR
TO FORT WORTH
STATUTE MILES
ALBUQUERQUE
EL PASO
FLYING "M" RANCH
LEVELLAND
LUBBOCK
224
LUBBOCK AAF
SOUTH PLAINS AAF
272 KC
COMMERCIAL
IDALOU
PAUDLER
FOR GUTHRIE VHF RANGE SEE CHART 146
KNOX CITY
OLNEY
WICHITA FALLS
239
1161 MC
HOBBS AAF
293
HOBBS AAF
272 KC 126.18 MC
HOBBS MUN.
LOVINGTON
DENVER CITY
BROWNFIELD
TRIANGLE
POST
LAMESA
SEMINOLE
HOGG
SNYDER
COLORADO CITY
BIG SPRING
326
1161 MC
ROTAN
ANSON
ABILENE
379
1161 MC
PHANTOM HILL
TAYLOR
ARLEDGE
On request
GRAHAM
HARPERSVILLE
284
116.1 MC
BRECKENRIDGE
FORT WORTH
365
STRAWN
HARPERSVILLE
DALLAS
341
GORDON
WEAVER
CISCO
BAIRD
RANGER
GORMAN
STEPHENVILLE
LOYD HINES
LIONS CLUB
AVENGER
WESTBROOK
MIDLAND NO 2
STANTON
12
HAMILTON
ABILENE AAF
ABILENE AIR TERM.
278 KC 118.7 MC
SPADE RANCH
WINGATE
WINTERS
COMANCHE
BROWNWOOD
COLEMAN
WINK
260
116.1 MC
CONTINENTAL
KERMIT
MIDLAND
MIDLAND COM.
SKYHAVEN
STANTON
SALT FLAT
W. ODESSA
ECTOR CO.
MIDLAND AAF
BIG SPRING
278 KC 118.5
126.18 MC
MIDLAND
209
MONAHANS
WINK
ANDERSON
PECOS AAF
CRANE CO.
RITA SANTA
EL PASO
SAN ANTONIO
NO. CONCHO
SKY HARBOR
GOODFELLOW AAF
BRUCE
MILLER
GOLDTHWAITE
FORT WORTH
SAN ANTONIO
GOODFELLOW AAF
227
PYOTE AAF
272 KC 126.18 MC
RANKIN
BIG LAKE
McCAMEY
WHITE
CURTIS
LAMPASAS CO.
SAN ANGELO-MATHIS
272 KC
IRAAN
IRAAN MUN.
GIBBS
WIN
ELDORADO
C-B RANCH
MASON CO.
LLANO CO.
BURNET
KINSER RANCH
OZONA
JUNCTION
VHF RANGE
STARNS
MARFA AAF
FOR V.H.F. RANGES SEE CHARTS 144 TO 148
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ← 12°E TO 10°E →
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
EL PASO 105
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
N. MEX.
TEX.
EL PASO - FORT WORTH
RED 30
BLUE 30
MEDINA
GREEN 5
103° 58'
34° 10'
103°
34°
33°
32°
31°
100
99°
98°
30° 10'
102°
101°

FORT WORTH

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Bowie (Tex)	2.8 NW;bet RRs	1050	19	Cattle on fld.Trees N.
Brown (Bonham, Tex)	8 N;hwy W			ABANDONED
Byrn's Sky Ranch (Hillsboro, Tex)	5.8 NE	820	25 S6	80 oct.Data unver Trees
Carthage Air Svc.(Tex)	1.3 W;hwy N,S	310	30 S2	80,91 oct.P-line N. E,W.
Clarksville (Tex)	2.8 NNW;RR SW	480	20 S6	73,80 oct.
Cleburne Northwest (Tex)	1.7 NW;RR NE	780	19 S1	Ltd 80 oct.
Commerce (Tex)	3.4 NNE	548	27 S6	80,91 oct. Hwy SE.
Commercial(Durant,Okla)	5.2 W;RR N			ABANDONED
Corsicana,com. (Tex)	2.8 SW;bet rds			ABANDONED
Corsicana,mun. (Tex)	5.6 SE;RR E	448	20h S6	
(A) Cox AAF (Paris,Tex)(A)	6.5 ESE;RR N	546	46h	CLOSED.
DALLAS Range (Love)(Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Decatur (Tex)	1.5 N;rd SW	1100	26 S2	80 oct.
Denton (Tex)	4 WSW	630	42h S6	80,91 oct.
DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
(P) Eaker (Durant,Okla)	3.2 SSW; RR NW	703	50h L5 S6	80,91 oct.All lgts prior req.
Elder (Kilgore,Tex)	2.5 NE;RR E	352	27 S6	80,87,91 oct.P-line W.
(P) Ellis Co.(Waxahachie,Tex)	3.5 NE;RR S	585	31 S2	73 oct.P-line S.
Ennis (Tex)	1.5 NW;RR E	540	18 S4	Ltd 73 oct. No sto.
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°, 2.4	SBRAZ-DTXV	(3); 116.1, 122.1
Gage (Teague, Tex)	1.7 N		22 S4	80 oct.P-line W.Data unver.
(P) Gainesville (Tex)	3.8 WNW;RR S	833	45h S5	80,91 oct.
Gainesville com (Tex)	3 NNE;hwy W	800	30	CLOSED
(A) Gaskin (Sherman,Tex)(A)	12.6 SW;rd E	745	40h	TMP INACT-NO F..Co..
GRAUWYLER PARK H Fac.				DECOMMISSIONED
Gray (Denison, Tex)	2.5 E;RR N	675	24 L S6	80 oct.Emerg.lgts by circling fld
(P) Gregg Co.(Longview,Tex)	7.2 S;riv N	365	52h S1	80,91 oct.
(P) Hamilton (Tex)	2.3 SSW;hwy E	1250	47 S6	80 oct.Fence sur fld req.
Hartlee (Denton,Tex)	5.4 NE	588	40 L S6	80,91 oct.Port lgts prior
HASLET H Fac. (Tex)	371 (T)	1°,8.1	FMHW	(Cont.) Ft. Worth P-line
Henderson (Tex)	2.1 WNW;hwy S	410	19 S2	73 oct.
Holmes (Gilmer, Tex)	4 N;RR W	370	23	P-line W.Cattle on fld.
(P) Idabel (Okla)	1.3 NW;RR E	500	39 S2.	80 oct.P -line NE
Jacksonville (Cypress,Tex)	3 N;RR E	500	26 S6	73,80 oct.P-line ENE.
Jones (Bonham, Tex)	2 NNE;hwy E	616	18 L S1	80,91 oct. Lgts on req.
Legion (Paris, Tex)	1.9 NW;RR E	538	31 S6	80 oct. P-line E.
LOVE Tower (Dallas,Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood
(P) [Lowe] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct.Poles S lgts.
McKinney (Tex)	2.1 S;hwy W	616	23 S2	80 oct. Poles E,W.
(P) Majors (Greenville, Tex)	5 SSE;RR W	544	55h S4	80, 91 oct.
Marshall (Tex)	3.9 SE;hwy N	400	30 S6	73 oct.P-line N.
MEACHAM Tower (Fort Worth, Tex)	272 (126.18, 118.7)		AC (ILS)	(4);126.18,118.7,122.5
(N)(P) [Meacham](Fort Worth, Tex)	5.5 NNW;hwy NE	692	52h L6 S6	73-100 oct.NATS (Hospital flights)P-line SE, NW.
Mexia (Tex)	1 SE;RR NW	550	24 S2	80 oct.
Mount Pleasant (Tex)	2.8 ENE;RR S			ABANDONED
Muenster (Tex)	2.6 E;RR S	1010	26 S1	80 oct.P-line S.
(P) Nacogdoches (Tex)	4 WSW;hwy E	370	43h S5	80, 91 oct.
(P) Palestine (Tex)	4.5 WNW;hwy N	410	40h L5 S6	80, 91 oct.
* Parker Int,48,JI-FV (Tex)	0.6 N;hwy W	847	31 L3	
(A) Perrin (Sherman,Tex)(A)	6.4 NNW;RR N	753	51h	TMP INACT.NO FACS.
(P) Pounds (Tyler, Tex)	5.5 W;hwy N	543	51h L5 S4	80,91 oct.Ctc lgts prior req. No sto.
(P) Rusk Co.(Henderson,Tex)	2.5 WSW;hwy N	440	30h	
Rodeo City(Jacksb'o,Tex)	4.5 N;arena W	1080	23 S2	80 oct.P-line SE.Trees SSE
St Jo (Texas)	1 N;lake 1 E	952	37	P-line NNE
Seventy-Five (Corsicana, Tex)	1.8 N;RR W	480	21 L S6	73 oct.No sto.Port rnwy lgts. Poles NW
Sherman (Tex)	1.4 SE;hwy N	749	25h S6	80 oct.
* Simms Int,14,DL-LV (Tex)	1 NE;hwy E	357	26 L3	P-line E,S.
South Sulphur (Greenville)	9.5 NNE	550	30	(Tex)
Southworth(Ft.Worth,Tex)	4.2 S;crk W	650	25 S4	80,91 oct.
Stephenville (Tex)	1.5 E;hwy S	1310	30 L S6	80 oct.Port rnwy lgts.
Stewart (Tyler, Tex)	2.5 E;hwy N	520	32 L S6	80,91 oct.Poles W.Ctc lgts prior req.Rnwy data
SULPHUR SPRINGS H Fac.	224 (ZO)		MHW	Operates cont. unver.
Sulphur Springs, 7B, DL-LV (Tex)	1.9 NW;RR S	472	35 L3 S1	80 oct.P-line S,SE.
TYLER Range (Tex)(Pounds)	320(TQ)(116.1)	124°,1.6	BMRLZ-DTV	(4);116.1,122.1
WACO Range (Tex)(Mun.)	385(WC)(vhf)	9°, 2.6	SBRAZ-DTV	(4); 116.1, 122.1
Waco (Tex)	7 NNE;bet RRs	470	63h	
[Waco Mun.] (Tex)	6 NW;lake 2 S	513	57h L5 S6	80,91,100 oct.
(A) Waco #5 (Prairie Hill,Tex)	2 S;hwy N	560	40h	CLOSED (A) NOT MAINT.
Waxahachie (Tex)	1.5 SSW	558	16 S1	73 oct. Hwys E.
Weddington (Hugo,Okla)	1.9 NW;hwy SW	550	24 S6	80 oct. P-line E.
Whaley (Gainesville,Tex)	5.7 WSW;RR N	820	20 S6	80 oct.P-line N.
** Wills Point Int,7,FV-AG	5.9 NW	529	28 L3	(Tex)
Wisener (Mineola, Tex)	1.5 NW;hwy S	510	32 S2	73 oct.
Wolfe City (Tex)	2 N		20	No fuel. P-lines N. Data unver.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

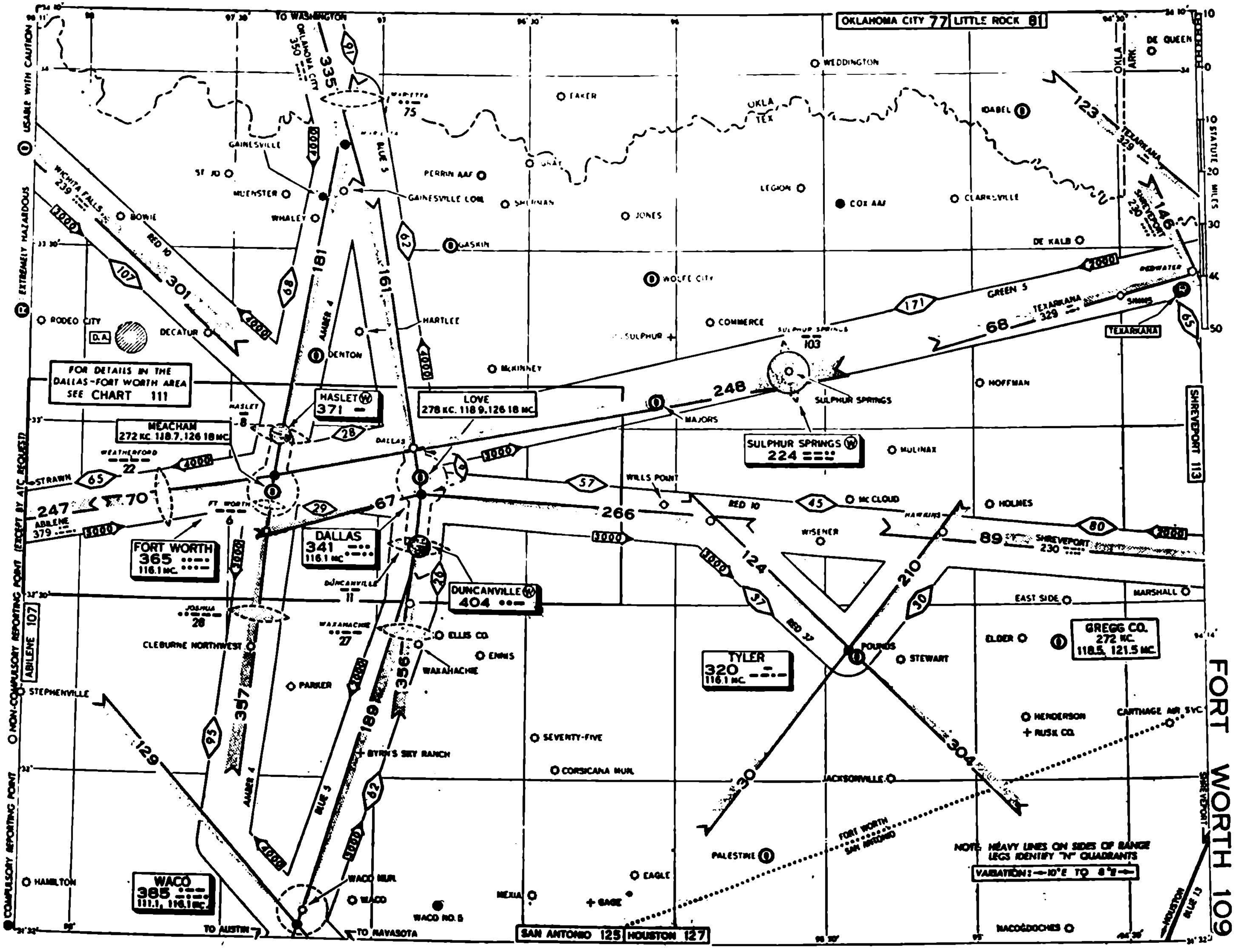
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
LOVE	110.3	335	126°	IM-	MM- •—•— (0.7)	OM- ——(4.35)
					MMK-	OMK-266 —••
				IM-	MM-•	OM-
MEACHAM	109.9	333.8	173°	IM-	MM- •—•—(0.71)	OM- ——(4.10)
					MMK- 356 •—•—	OMK-

NEW FACILITIES

East Side (Longview,Tex)	2.4 NE;RR S	352	25 L S6	80,91 oct. Port rnwy lgts. P-line S
Hoffman(Mt.Pleasant,Tex)	2 SSW;RR E	416	32 S4	80oct.P-line N.
Mulinax(Winnsboro,Tex)	1.3 SE	533	26 S1	80oct.P-line NNE.
Irving (Tex)	1.6 NNE;hwy N	420	28 S6	80,91 oct.P-line N,W.
De Queen (Ark)	3 NW;rd E,S	400	24 S1	80 oct.Appchs blkd
Pulley(Arlington,Tex)	0.6 N	616	28 S4	80 oct.P-line NW Trees S
Skyview(Ft.Worth,Tex)	9.3 NNW;lk 2.5 W	790	32 S1	80 oct.P-line NW
Eagle(Fairfield,Tex)	1.4 E	461	24 S2	80 oct.P-line S
Marshall's(Dallas,Tex)	7.2 SE	475	28 S6	80 oct.P-line SW,S
GREGG CO. Tower (Tex)	272 (118.5, 121.5)		CI	(4); 122.5,121.5,126.18

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 2106, 4495, 6210, 8117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.55 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4795 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —•— New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


OKLAHOMA CITY 77 LITTLE ROCK 81
TO WASHINGTON
OKLAHOMA CITY 350
335
91
WICHITA
75
GAINESVILLE
ST JO
MUENSTER
WHALEY
GAINESVILLE LOM
BLUE 5
181
161
AMBER 4
62
68
WICHITA FALLS 239
BOWIE
RED 10
301
107
1000
RODEO CITY
D.A.
DECATUR
DENTON
HARTLEE
4000
FOR DETAILS IN THE DALLAS-FORT WORTH AREA SEE CHART 111
HASLET
HASLET 371
MEACHAM 272 KC. 118.7, 126.18 MC
WEATHERFORD 22
STRAWN
65
247
ABILENE 379
70
FT. WORTH
FORT WORTH 365 116.1 MC.
29
67
DALLAS 341 116.1 MC
DUNCANVILLE
DUNCANVILLE 404
26
JOSHUA 28
CLEBURNE NORTHWEST
WAXAHACHIE 27
ELLIS CO.
ENNIS
WAXAHACHIE
PARKER
397
189
356
95
AMBER 4
BLUE 3
62
STEPHENVILLE
ABILENE 107
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
HAMILTON
WACO
385
111.1, 116.1 MC
WACO MUR
WACO
WACO NO. 8
TO AUSTIN
TO NAVASOTA
SEVENTY-FIVE
BYRN'S SKY RANCH
CORSICANA MUR
EAGLE
MEXIA
+ BASE
PALESTINE
TYLER 320 116.1 MC
POUNDS
STEWART
JACKSONVILLE
FORT WORTH
SAN ANTONIO
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 10°E TO 8°E
NACOGDOCHES
HOUSTON
BLUE 13
SHREVEPORT
SAN ANTONIO 125 HOUSTON 127
FORT WORTH 109
WEDDINGTON
BAKER
PERRIN AAF
GRAY
JONES
LEGION
COX AAF
CLARKSVILLE
ISABEL
OKLA
TEX
OKLA
ARK
DE QUEEN
123
TEXARKANA 329
SHREVEPORT 230
146
DE KALB
BIDWATER
SHARPS
TEXARKANA
65
GREEN 5
171
68
COMMERCE
SULPHUR
SULPHUR SPRINGS
103
248
MAJORS
SULPHUR SPRINGS
224
MULINAX
HOFFMAN
SHREVEPORT 113
57
WELLS POINT
RED 10
45
MC CLOUD
266
WISENER
HOLMES
HAWKINS
89
SHREVEPORT 230
80
124
37
RED 27
210
30
EAST SIDE
MARSHALL
ELDER
GREGG CO. 272 MC. 118.5, 121.5 MC
HENDERSON
+ RUSK CO.
CARTHAGE AIR SVC
304
129
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
STATUTE 10 MILES
0
10
30
40
50

FORT WORTH - SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1 (Tex)
Arlington-Midway (Tex)	6.8 NNE;RR S	567	41h L5	Poles S.
(N) Arlington OLF (Tex) (N)	4 SSW;rd W	695	13h	P-line SE,SW.
Bexar Co. (San Antonio,Tex)	7.1 SSW;rd W	640	37h L S6	80,91oct.Ctc lgts on req.
BROOKS Tower (Tex)	396 (126.18)		CA	(3); 126.18
(A) Brooks (San Antonio,Tex) (A)	6.5 SSE;RR W	594	52h L5 S6	73,100 oct.
Caddo Mills (Greenville,Tex)	10.7 SW;hwy W	540	40h	
(A) Clear Springs #5 (New Braunfels, Tex) (A)	4.8 E;riv SW	640	54h L	Ctc lgts only.
Clearview (Dallas, Tex)	5.1 SSW;RR N	619	30h S6	80, 91 oct.
Craigg (Sayers, Tex)	1.8 W;hwy N	650	29	Emerg. use.
DALLAS Range (Love) (Tex)	341(DL)(116.1)	356°,2.2	SBMRAZ-DTV	(3); 116.1, 122.1
Davis (San Antonio, Tex)	6.7 N;RR SE	780	17 S1	80 oct.
DUNCANVILLE H Fac.(Tex)	404 (U)	176°,10.5	FMHW	(Cont.) Dallas
Eagle Mtn Lake	1 SSE;RR NE	745	60h	CLOSED (Newark,
Faurie (Gonzales, Tex)	2 NNE	340	22 S4	80 oct.P-line NNE Tex.)
Fliers (Dallas, Tex)	6.5 WSW;RR W			ABANDONED
FORT WORTH Range (Meacham) (Tex)	365(FV)(116.1)	177°,2.4	SBRAZ-DTXV	(3); 116.1, 122.1
FORT WORTH AAF Tower	317(126.18)+		CA ◆:45,05	(3); 126.18 (GCA)
(A) Fort Worth AAF (Tex)(A)	6.8 WNW;lk N	636	82h L5 S6	73,91,100 oct. JP-1.
(N) Grand Prairie OLF (N) (Tex)	1 WSW;RR N	529	30h L5 S4	73 oct.No bcn.
GRAUWYLER PARK (Tex)				DECOMMISSIONED
Handley (Tex)	0.6 NE;RR S	630	26 S6	73 oct.
HASLET H Fac.(Tex)	371 (T)	1°, 8.1	FMHW	(Cont.) Ft. Worth
HENSLEY Tower (Tex)	396 (126.18)		CA	(4); 126.18
(A,N) Hensley (Dallas,Tex) (A,N)	11 WSW;hwy N	495	52h L5 S4	73,91,100 oct.
Hicks (Ft. Worth, Tex)	12.5 NNW	820	27	Lake W.
Highland Park (Dallas,Tex)	9 N;RR E	622	27h L S6	80,91 oct.P-line E. Ctc lgts N/S rnwy. Data unver.
Hudson (Dallas, Tex)	9.6 NE;RR SE	614	17h S6	80,91 oct.P-line W.
Hurt (San Antonio, Tex)	6.5 WNW	680	40 S6	80,91 oct.P-line NW.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio,Tex) (A)	6.2 WSW;RR SE	675	72h L5 S6	62,73,91 oct.JP-1. FOR.CLEAR.STN.
Kuehler (New Braunfels,Tex)	1.7 SE;riv NW			ABANDONED.
Lake (San Antonio, Tex)	10 S;RR E	700	27 S1	80,91 oct.
Leon Valley (San Antonio)	8.6 WNW;hwy E	710	40 S6	73,80,91 oct. P-line N,W
Lou Foote (Dallas, Tex)	8.8 S;hwy E	665	35 S6	73,80,91 oct.Bldgs NW. N, NE.
LOVE Tower (Dallas, Tex)	278 (126.18, 118.9)		AC (ILS)	(4); 118.9,122.5,126.18 No flood lgts.
(P) [Love] (Dallas, Tex)	5 NNW;hwy W	483	52h L6 S6	73-100 oct. Poles S.
Luling (Tex)	1.1 SE;hwy NE	418	18 S1	80 oct.P-lines sur fld.
Luscombe (Garland, Tex)	2.2 WSW;RR N	610	50 S5	80 oct. No sto.
(A) Martindale #4 (San Antonio, Tex) (A)	7.1 E;RR S	660	30h	P-line NW
MEACHAM Tower (Tex)	272 (126.18, 118.7)		AC (ILS)	(4); 126.18,118.7,122.5
(N,P) [Meacham] (Ft. Worth) Tex)	5.5 NNW;hwy NE	692	52h L6 S6	73,80,91,100 oct.NATS (Hospital Flights) P-line SE,NW
Midwest (Ft. Worth, Tex)	5.3 ESE;RR NNE	650	21 L S4	80,91 oct.Port rnwy lgts. P-line W,S.
(P) Mineral Wells (Tex)	3.2 SE;RR N	938	42h L5 S4.	80,91 oct.No flood lgts
Mission (San Antonio,Tex)	4.5 S;hwy E	567	24 S4	80 oct.P-line NNE,SSE.
Mustang (Dallas, Tex)	6 NNE;hwy NE	604	32 S6	80,91 oct.
Parker Sky Camp	3.4 SSE;RR NW	1050	23 S4	80 oct.(Weatherford,Tex)
RANDOLPH Army Range (San Antonio, Tex)	359 (DRQ)	322°,2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riomedina (Castroville)	4.5 N;riv W	855	45	(Tex)
Russell (Ft. Worth, Tex)	7 SSE;RRs E,W	680	31 S6	80,91 oct.
Saginaw (Tex)	0.5 WNW;RR E	790	26 S6	80, 91 oct.
SAN ANTONIO Range (Kelly)	254(ZN)(116.1)	107°,1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO	278 (118.5)		C (ILS)	(4);118.5,122.5,126.18
[San Antonio Mun.-Alamo] (San Antonio, Tex)	7.8 N;RR SE	800	55h L6 S4	80,91 oct.
Schneider (Seguin, Tex)	2.2 WNW;RR N			ABANDONED.
Second Ave.(Dallas,Tex)	7 SE;RR N	530	26 S1	73,80 oct.Use strips. Poles S.
Seguin (Tex)	3.3 WSW;riv E	400	37 S4	80 oct.Trees NNE,SSE.
(A) Seguin #1 (Tex) (A)	3 E;rd N	520	54h	
Skyline (Dallas, Tex)	3.2 SSE;riv E	430	26 S6	80,91 oct.Trees NW.
Sky Ranch (Arlington,Tex)	See Lucas Field under "New Facilities" - name changed			
STINSON Tower (Tex)	209		CI	3105, 6210 (8-21)
Stinson (San Antonio,Tex)	6.2 SSE;hwy W	604	49h S6	80,91 oct.P-line S,WNW
T.C.U. (Ft. Worth, Tex)	6.6 SW;RR S	710	24 S6	80, 91 oct.
Terrell Mun. (Tex)	1.5 SE;RR W	490	30h	80, 91 oct.
Wallace (Terrell, Tex)	2 W;RR S	500	19 S2	80 oct.
Wallace #2 (Kaufman,Tex)	4 W;hwy N			ABANDONED
Weatherford Mun. (Tex)	1 W;hwy N	1147	38 S4	80 oct.
White Rock (Dallas,Tex)	6.7 ENE;RR NW	543	29 L S6	91 oct. Port rnwy lgts.
Yates (San Antonio, Tex)	13.7 N;hwy 0.5 W	968	33	6' fence sur fld.Use fld at own risk.
YOAKUM H Fac. (Tex) (Int.)	236 (YK)	352°,2.8	HW	
Yoakum (Tex)	4 N;hwy W	375	22 S6	80,91 oct.
★ Yoakum Int,7,JR-HU (Tex)	5 NW;hwy S	387	39 L3	
(A) Zuehl #6 (Tex) (A)	0.8 NE	610	30h	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ALAMO	109.9	333.8	30°	IM-	MM-•—•—(0.68)	OM- ——(4.38)
					MMK-	OMK- 230 •———
LOVE	110.3	335	126°	IM-	MM-•—•—(0.70)	OM- ——(4.35)
					MMK-	OMK-266 —••
				IM	MM-	OM-
MEACHAM	109.9	333.8	173°	IM-	MM-•—•—(0.71)	OM- ——(4.10)
					MMK- 356 •••—	OMK-

NEW FACILITIES

Lucas(Arlington,Tex)	3 SW	590	19 S2	80 oct.P-line N,S,NW

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time).

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —•— New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

(SEE CHART 109)

DALLAS - FORT WORTH AREA

WICHITA FALLS
TO MANIETTA
TO MANIETTA
CADDO MILLS
EAGLE MTN LAKE
HASLET 371
DALLAS 341
FORT WORTH 365
1161 MC
WEATHERFORD
22
NICHOLS
SAGINAW
SKYVIEW
248
GREEN 5
REDWATER
LUSCOMBE
MIDLAND PARK
HUDSON
MUSTANG
LOVE 278 KC 1189 126 18 MC
ARLINGTON
IRVING
STRAWN
MINERAL WELLS
MEACHAM 272 KC 1187, 126 18 MC
FT WORTH
WHITE ROCK
70
67
266
WALLACE
TERRELL
WEATHERFORD
PARKER
HANDLEY
GRAND PRAIRIE OLF
SKYLINE
MARSHALL 5
SECOND AVENUE
RED 10
HAWKINS
FORT WORTH AAF 317 KC 126 18 MC
SOUTHWORTH
MIDWEST
LUCAS
CLEARVIEW
DUNCANVILLE
11
T.C.U.
RUSSELL
ARLINGTON OLF
HENSLEY 396 KC 126 18 MC
LOU FOOTE
DUNCANVILLE 404
357
356
TO WACO
TO WAXAHACHIE

(SEE CHART 125)

SAN ANTONIO AREA

10 0 STATUTE MILES 10 20

BIG SPRING
CIBOLO CREEK
AUSTIN 281
ALAMO 344 1161 MC
FAUST
CLEAR SPRINGS NO 5
LULING
SAN ANTONIO (ALAMO) 278 MC 1185 MC
YATES
84
264
RANDOLPH AAF 272 MC 126 18 MC
SEGUIN
FAURIE
BLUE 30
LEON VALLEY
DAVIS
ZUEHL NO 6
RANDOLPH AAF 359
HURT
RIOMEDINA
SAN ANTONIO 254 116.1 MC
MARTINDALE NO 4
CRAIGG
MISSION
BROOKS AAF 126.18 MC
YOAKUM INT
YOAKUM
YOAKUM 216
KELLY AAF 219 MC 126 18 MC
BEXAR CO
STINSON 209 MC
LAPE
LAREDO
TO PLEASANTON

CHART 111

● COMPULSORY REPORTING POINT ○ NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST) (R) EXTREMELY HAZARDOUS (D) USABLE WITH CAUTION

NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY IN QUADRANTS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
✱ Arcadia Int,26,FV-AG	4.5 E;RR,hwy S	342	29 L3	P-line SW. (La)
Arkadelphia,24,DL-LV	1.5 ENE; RR NW	186	40 L3 S6	80 oct. (Ark)
Ashley Co.(Crossett,Ark)	5.5 NE;RR E	160	22 S2	80 oct.P-line S.Trees N.W
Atlanta Mun. (Tex)	2 WSW;hwy NW	264	37	P-line ESE,SSE.
Baker (Magnolia,Ark)	4.3 E;hwy S	300	18 S6	91,80 oct.P-line SW.
BARKSDALE Army Range (Shreveport) (La)	379 (DBY)	325°,4.4	SBMRAZ	(3)
BARKSDALE Tower (La)	396 (126.18)+		CA (ILS) (GCA)	(3); 126.18
(A) Barksdale (Shreveport, La) (A)	5.8 E;riv W	167	100h L5 S4	73,91,100 oct. JP-1
Bastrop (La)	2.8 WSW;riv W	77	18 S1	80 oct.
Burnside & McDonald (Newellton, La)	1.5 SW;RR E	77	40	
Childress (Flora,Miss)	1.5 NNW;RR E	186	25 S1	73 oct.Trees,bldg N.
Cleveland (Miss)	2 NW;hwy S	140	26 S6	80 oct.P-line S,W.
Cole (Heads, Miss)	3 NE;RR W			ABANDONED.
Cypress(Greeny'l,Miss)	2.4 SSW;hwy W,	125	28 S4	80 oct. NNE blkd.
David G. Joyce(Winnfield)	See Joyce under "New Facilities" - name changed.			
Delhi Flying Svc. (La)	0.5 N	95	23 S4	80 oct.P-line E.Data unver
(P) De Soto Parish	4.3 NW;	322	51h S2	80,91 oct.(Mansfld,La)
Dixie Dusting (Greenv'l)	2 SE;RR,hwy N	118	16 S4	73 oct.No sto.(Miss)
Dossett(Beulah,Miss)	0.5 SE	160	21 S2	80oct.P-line S,SW.E,W
El Dorado (Ark)	1.5 S;rds W,E	277	24 S6	80 91 oct.P-line E. blkd.
(P) [El Dorado-Goodwin (Ark)	8.6 W;hwy S	278	51h L5	No bound.flood,obst lgts.
Everett (Moorhead, Miss)	1 SE;RR N	127	37 S6	73 oct. No sto.
Ferriday (La)	1.5 N;RR,hwy E	55	17	
Gardner (Gilbert, La)	1 E;hwy S	75	16	PRIVATE
Grayson (Camden,Ark)	3.4 SW; hwy N	135	26 S6	80,91 oct.P-line NE;trees SSW,NNE
Greenville,mun. (Miss)	3.5 ESE;hwy N	118	40h S4	80 oct.
(A) Greenville AAF (Miss)(A)	6.5 NE;rd W	129	40h	CLOSED
Hart (Many, La)	1.8 SSW;RR E	242	24	Trees SSW.
Hinds Co.(Jackson,Miss)	12.8 W;RR 1.3 SE	244	40h	Pwrline N.
Hodge (La)	0.5 ENE :hwy W	300	24	Trees sur fld.
Hope (Ark)	6 NW; RR E	359	55h L5 S6	80,91 oct.Use rnwys only
Jones(Merigold,Miss)	0.8 N;hwy,RR W	142	13 S1	80 oct.
Joseph H.Sharpe	See Sharpe under "New Facilities" - name changed.			
Lakeview (Leland,Miss)	1.5 SE ;lake E	120	16 S4	80oct.N,E blocked
L.B.Strange (Tutwiler)	See Strange under "New Facilities" -name changed.			
Leland (Elizabeth,Miss)	1.5 NE ;riv N	119	20 S2	80 oct.Pwrline NW.
LeTourneau(Yokena,Miss)	2.5 NW;riv NW	80	30 L S1	9loct.Bndry lgts pri.req.
Longview(Warrenton,Miss)	0.3 SE;RR W	110	20 S4	80 oct.E blkd P-line W
Lucien (Shreveport, La)	8 S;RR E	170	32 S6	80,91 oct.
Magnolia (Ark)	1.6 WSW;RR E	225	30	10' bldg SSW.
McGehee (Ark)	0.6 NNW;hwy E	145	30 S1	80 oct. Hwy E.
Minden (La)	1.5 W;RR S	200	26 S4	80 oct. Trees sur fld.
MONROE Range(Selman)(La)	359(UO)(116.1)	25°,2.8	SBMRLZ-DTV	(4);116.1,122.1
Monroe Arpk (La) (old)	2.5 N;riv W	77	20 S1	80 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
(P) Natchitoches (La)	1.5 SSW;RR E	115	41h L5 S6	80 oct.; ltd 90 oct. Ctc lgts prior req. No bcn.
Ruston (La)	1.2 SE;RR N	317	16h L S6	80,91 oct.Lgts prior req.
(P) [Selman] (Monroe, La)	3 E;RR N	79	50h L5 S6	80, 91 oct.
SHREVEPORT Range (La)	230(ZH)(116,1)	146°,1.8	SBRAZ-DTV	(3);116.1,122.1
SHREVEPORT Tower (La)	278 (126.18, 118.7)		AC	(4); 126.18,122.5,118.7
(P) [Shreveport] (La)	2.5 N;riv E,S,N	179	45h L5 S6	80,91,100 oct.
Shreveport Arpk (La)	4.5 SSW;bet RRs	200	47 S6	80,91 oct.P-line SE.
Skinner (Glen Allan,Miss)	4 N;lake W	110	18 S1	73 oct.
✱ Tallulah Int,36,FV-AG	2.4 ENE;hwy E	84	28 L3	(La)
TEXARKANA Range (Ark)	329(TR)(116.1)	123°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
[Texarkana] (Ark)	4 NE;RR W	389	40h L5 S6	80,91,100 oct.;100 oct.
Texarkana (Tex)	6 W;RR N	340	25 L S6	80,91 oct.Flare Army. pots in emerg.
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	80 oct.
VICKSBURG H Fac.(Miss)	382(VS)(116.1)		MHTV	(4); 116.1,122.1
Vicksburg (Miss)	6.8 NE;hwy W	287	40 S4	80, 91 oct.Obst sur fld.
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.
Woodside (Grace,Miss)	1.4 NW	106	24 S1	80 oct Tree SE;bldg NW
Yazoo Mun. (Miss)	2 N;RR E	110	18 S4	80 oct.No sto.
Watts (Round Lake,Miss)	3 N; hwy W	145	26 S2	Priv.80,91 oct.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

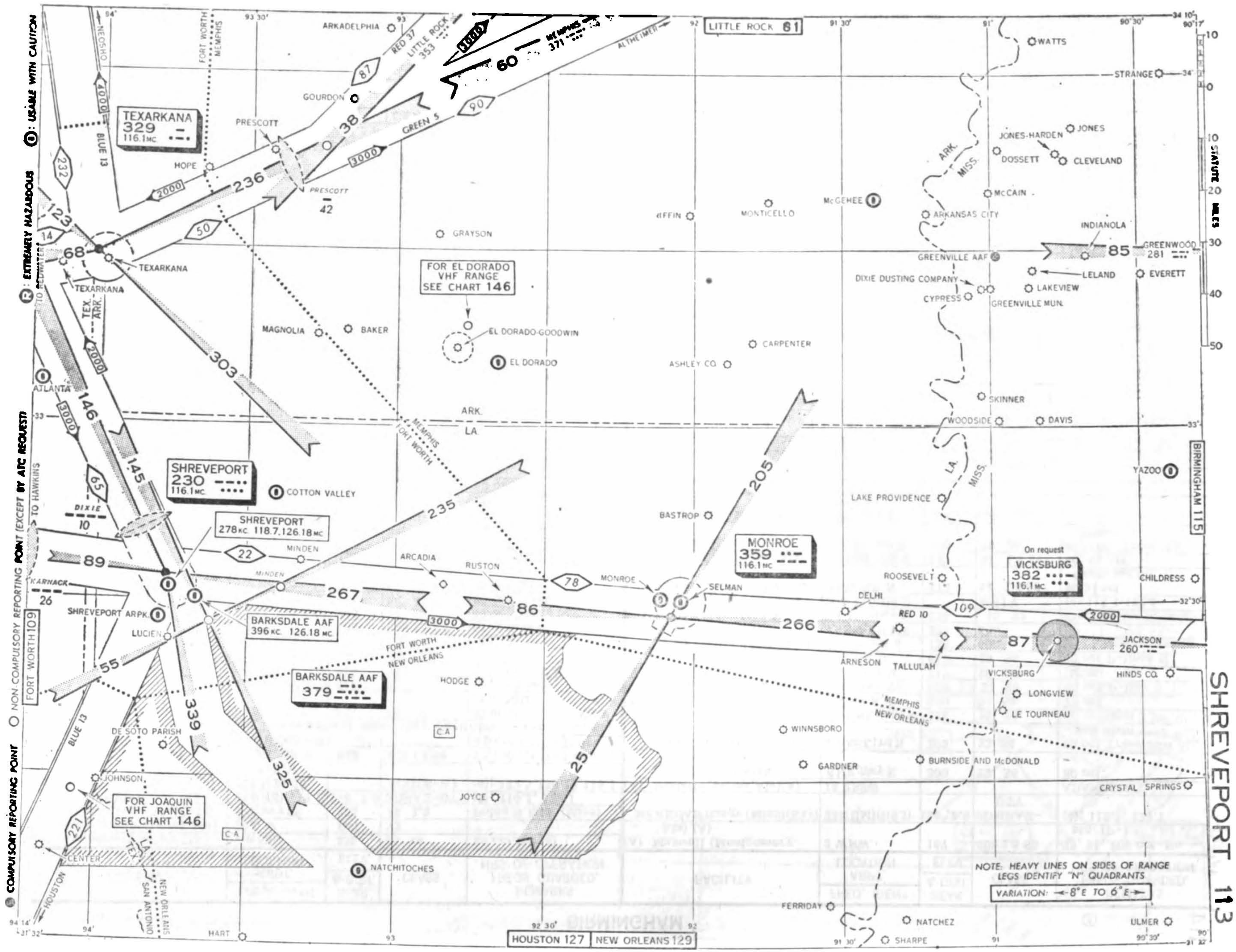
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BARKSDALE(A)	109.9	333.8	143°	IM- (0.01)	MM-•••••(1.00)	OM- – –(4.00)
					MMK-	OMK-
BARKSDALE (A)	110.3	335	323°	IM- (0.05)	MM-•••••(1.00)	OM- — —(4.40)
					MMK-	OMK-

NEW FACILITIES

EL DORADO Range(Ark)	109,1 (LD)		VARW	
JOAQUIN Range (Tex)	(108.7)(WE)		VARW	
Indianola (Miss)	3 NW	125	45h S6	80,91 oct.
Collier (Drew, Miss)	0.6 NE;RR W			ABANDONED
McCain(Benoit,Miss)	0.8 NNE;hwy E	140	16 S1	80 oct.S blkd.Ctn-parked acft
Davis (Nitta Yuma,Miss)	0.5 SSE;RR P	115	19 S1	80 oct.P-line W.Rough.
Crystal Spgs.(Miss)	0.7 SE	470	21	P-line NE;N,S,NW blkd.
Gourdon (Ark.)	0.2 NW	250	22 S2	80 oct.NW blkd.Trees NE
Carpenter (Hamburg,Ark.)	0.7 NW;RR SE	150	21 S2	80 oct.Trees W.P-line
Griffin (Warren,Ark.)	2,3 ESE;riv E,S	200	28 S2	73 oct.Cattle on fld. W,S,E
Monticello (Ark.)	2.2 E;hwy S	230	27 L S6	80 oct.N,E,S,W blkd.
Prescott (Ark)	3 SW;RR E	280	21 S1	80,91 oct. Port lgts.
Roosevelt (Sondheimer,	2,1 NNW;RR E	85	13 S1	80 oct. (La)
Center, Tex	1.2 ESE;hwy N	345	20	P-line NNW.
Jones-Harden (Cleveland,	4 NW ;hwy 1,2 S	140	21 S5	80 oct.S blkd.Soft when wet.
Monroe Arpk(La)(new)	1.5 N;RR N	77	26 S6	80 oct.Trees SSE. (Miss)
Aineson(Quebec,La)	1 NNW;RR S	100	18	Private N blkd.
Johnson(Logansport,La)	0.5 ENE;RR W	192	15 S2	80 oct.Trees N ends
Arkansas City (Ark)	0.8 WSW	125	19 S1	80,91oct P-lines block both
Joyce (Winfield,La)	3 NW;hwy E	130	30 S2	80 oct. Data unver.
Strange (Tutwiler,Miss)	0.7 SSE;hwy W	160	22 S6	80 oct.N blkd. wet.
Sharpe (Natchez,Miss)	1.8 ESE;RR S	135	26 S4	80 oct.N,W blkd.Soft when

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LITTLE ROCK 61
TEXARKANA 329 116.1MC
SHREVEPORT 230 116.1MC
SHREVEPORT 278KC. 118.7.126.18MC
BARKSDALE AAF 396KC. 126.18MC
BARKSDALE AAF 379
MONROE 359 116.1MC
VICKSBURG 382 116.1MC
On request
FOR EL DORADO VHF RANGE SEE CHART 146
FOR JOAQUIN VHF RANGE SEE CHART 146
HOUSTON 127
NEW ORLEANS 129
ARKADELPHIA
GOURDON
PRESCOTT
HOPE
GRAYSON
TEXARKANA
MAGNOLIA
BAKER
EL DORADO-GOODWIN
EL DORADO
ATLANTA
COTTON VALLEY
MINDEN
ARCADIA
RUSTON
LUCIEN
SHREVEPORT ARPK.
KARNACK
DE SOTO PARISH
JOHNSON
CENTER
HART
NATCHITOCHES
HODGE
JOYCE
BASTROP
SELMAN
DELHI
ROOSEVELT
LAKE PROVIDENCE
WINNSBORO
GARDNER
FERRIDAY
NATCHEZ
SHARPE
ULMER
ARNESON
TALLULAH
VICKSBURG
LONGVIEW
LE TOURNEAU
BURNSIDE AND McDONALD
CRYSTAL SPRINGS
HINDS CO.
JACKSON 260
CHILDRESS
YAZOO
WATTS
STRANGE
JONES-HARDEN
JONES
DOSSETT
CLEVELAND
McCAIN
McGEHEE
ARKANSAS CITY
DEFFIN
MONTICELLO
INDIANOLA
GREENWOOD 281
GREENVILLE AAF
DIXIE DUSTING COMPANY
LELAND
EVERETT
LAKEVIEW
CYPRESS
GREENVILLE MUN.
CARPENTER
ASHLEY CO.
SKINNER
WOODSIDE
DAVIS
LITTLE ROCK 353
MEMPHIS 371
ALTHEIMER
GREEN 5
RED 37
BLUE 13
FORT WORTH
MEMPHIS
NEW ORLEANS
SAN ANTONIO
HOUSTON
TEX.
ARK.
LA.
MISS.
ARK.
TO HAWKINS
TO REDWATER
FORT WORTH 109
DIXIE 10
RED 10
NON COMPULSORY REPORTING POINT (EXCEPT BY ARC REQUEST)
COMPULSORY REPORTING POINT
D: USABLE WITH CAUTION
E: EXTREMELY HAZARDOUS
CA
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 8°E TO 6°E
STATUTE MILES
BIRMINGHAM 115
SHREVEPORT 113

BIRMINGHAM

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
➸ Augustine (Madison Sta.)	1.6 SSE	335	40 S4	80 oct.(Miss)
Autaugaville (Selma,Ala)	20.5 W	100	73	
* Batesville Int,29,NO-LS	3 W;hwy SE	205	25 L3	Poles N,lgtd. (Miss)
BIRMINGHAM Range (Ala)	224(BH)(116.1)	178°,3.0	SBRAZ-DTV	(3); 116.1, 122.1
BIRMINGHAM Tower (Ala)	278 (126.18, 118.3)		AC(ILS-W)	(4); 122.5,126.18,118.3
(A) [Birmingham, Ala]	5.5 NE;RR S	643	57h L5 S6	73,100 oct.JP-1 Army
Bonita (Meridian,Miss)	2.5 ENE;hwy N			ABANDONED. Poles NE.
(P) Carroll Cone(Tupelo,Miss	See Tupelo Airport under "New Facilities" - name changed			
Central Park (Birmingham, Ala)	5.2 NW;RR SE	535	18 S6	80,91 oct.P-lines NNW ,SSE,NNE.
Columbiana (Ala)	1.5 WNW;RR S	514	23	Lgt acft only.
(A) Columbus AAF(Miss)(A)	10 N;RR E	215	45h	TMP INACT.NO FACS.
CRAIG Army Range (Ala)	272 (DPP)	320°,2.5	BMRLZ	(3); 126.18
CRAIG Tower (Ala)	219 (126.18)		CA	(3); 126.18
(A) Craig (Selma,Ala) (A)	4.8 SSE	166	53h L5 S6	91, 100 oct.
Cullman (Ala)	5 SSE;hwy SW	740	17 S4	80 oct.Trees SSE.
Dallas (Selma, Ala)	2.2 SW;riv SSE	161	20 S1	80 oct. Trees NE.
[Dannelly](Montgomery, Ala.)	7.5 SW; hwy N	219	40h L5 S4	80, 91 oct.
(P) Demopolis (Ala)	7.8 WSW	198	50h	River NW.
E. Jackson (Jackson,Miss)	3.1 SSE;hwy N	310	20 S6	80 oct. Obst sur fld.
(A) Elmore (Montgomery,Ala)	10 N;hwy N	203	45	CLOSED (A)
Eupora (Miss)	1 NE;hwy S	325	20 S2	80 oct. Trees all appchs
Eutaw (Ala)	2 SE; hwy N	160	23 S4	80 oct.P-line W.
Forest,46,FV-AG (Miss)	1 W;RR S	512	28 L3 S1	80 oct.
Foster (Tuscaloosa,Ala)	5.5 S hwy E	236	26 S6	80 oct. P-line,trees E.
(A) Furniss (Selma,Ala)(A)	10 SSW			ABANDONED
* Gainesville Int, 55, FV-AG (Ala)	2 S;hwy W	174	31 L3	P-line SW.
Gragg,27,PS-TM (Clanton, Ala)	2.2 NE;crk S	571	26 L3 S6	80oct.Trees E,SE,W.Use ctn.
Greenville,24,NO-AG(Ala)	5.5 WNW	561	26 L3 S3	80 oct.Trees N,S,W.Rough.
GREENWOOD Range (Miss)	281(GD)(116.1)	265°,1.9	BMLZ-DTV	(4);116.1,122.1
[Greenwood Mun.](Miss)	2.3 SW;RR E	129	40h L5 S6	80,91 oct.P-line E,SE.
(A) Greenwood AAF (Miss)(A)	5.8 ESE;hwy N	162	50h	CLOSED.
(P) Grenada (Miss)	4 N;RR S	207	51h L S4	80 oct.B-2 lgts on req.
HAWKINS Tower (Miss)	278 (126.18, 118.7)		C(ILS)	(4); 126.18,118.7,122.5
(A,N) [Hawkins](Jackson,Miss)	3 NW;RR E	343	54h L6 S6	80,91 oct;Tank,stack E.
(A) Henderson (Selma,Ala)(A)	29 SW;riv W			ABANDONED
Houston (Miss)	1.5 SW;hwy N	342	31 S4	80 oct.NE,E,W blkd.
JACKSON Range (Miss) (Hawkins)	260(JA)(116.1)	173°,2.4	SBRAZ-DTV	(3); 116.1, 122.1
(NG) Key (Meridian;Miss)	3 SW;RR E	297	51h L5 S6	80,91 oct;100 oct NG.Ctc
Lauderdale Civil (Meridian, Miss.)	9 NNE;hwy E	310	32h	P-line S. lgts prior req. Cattle on fld.
Lee (Canton, Miss)	1.4 WNW;RR E	300	29 S2	Trees sur fld.
Louisville Air Svc.(Miss)	3.9 S;RR W	500	16 S1	80 oct. P-line S.
Masonic (Columbus,Miss)	2.5 NE;hwy S	200	28 S2	80 oct.N,E blkd.P-line W
MAXWELL Army Range (Ala)	362 (DXW)	85°,2.0	SBRAZ	(4)
➸ MAXWELL Tower (Ala)	396 (126.18)+		CA ◆ 49,09 (GCA)	(4); 126.18
(A) Maxwell (Montgomery, Ala) (A)	3 WNW	167	70h L5 S6	73, 91, 100 oct. No sto. JP-1.
MERIDIAN Range (Miss)(Key)	239(UM)(116.1)	154°,2.8	SBMRAZ-DTV	(4); 116.1, 122.1
(A) Mollette (Selma,Ala)(A)	16.2 SSW			ABANDONED
North Jackson Arpk. (Jackson, Miss)	6 NE;hwy E	300	22 S6	80 oct.
O'Keefe (Newton,Miss)	1.5 ESE;rd N	363	23 S4	80 oct.Trees SSW,SE. Soft when wet.
Oktibbeha (Starkv'l,Miss)	7.5 ENE;lake N	326	33 S6	80 oct.Obst S,SW,W,NW
(P) Oxford (Miss)	8 S;riv N,W	300	30 S6	73 oct.
Philadelphia Arpk (Miss)	2 SE;hwy SW	500	24 S6	80 oct.P-line W. No sto.
* Rockport Int,12,NO-LS	1.5 E;riv W	217	28 L3	(Miss)
Roberts (Birmingham,Ala)	3 W;RR N	610	29 S6	80 oct.P-lines N.
Selma-Selfield (Selma,Ala)	4 ENE;RR S	130	40h	
(P) Starkville (Miss)	2.5 SW;RR NW	325	50h	
Stinson (Aberdeen,Miss)	2.8 NW;hwy E	239	40 S2	80 oct.P-line N;trees NW
TUSCALOOSA H Fac.(Ala)	206(TU)(116.1)		MHTV	(4);116.1,122.1
Van de Graaff,59,FV-AG (Ala)	3 NW;RR N	172	52 L4 S6	80,91 oct. Obsts sur fld.
Walker Co. (Jasper,Ala)	2.2 NNE;RR W	527	31 L5 S4	80, 91 oct.
Winona (Miss)	1.0 SSE;RR W	370	28 S6	80,91 oct.Trees N,S. Rough.
* Zeigler ville Int,19,NO-LS (Miss)	3 SW; crk S Hwy E	274	26 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

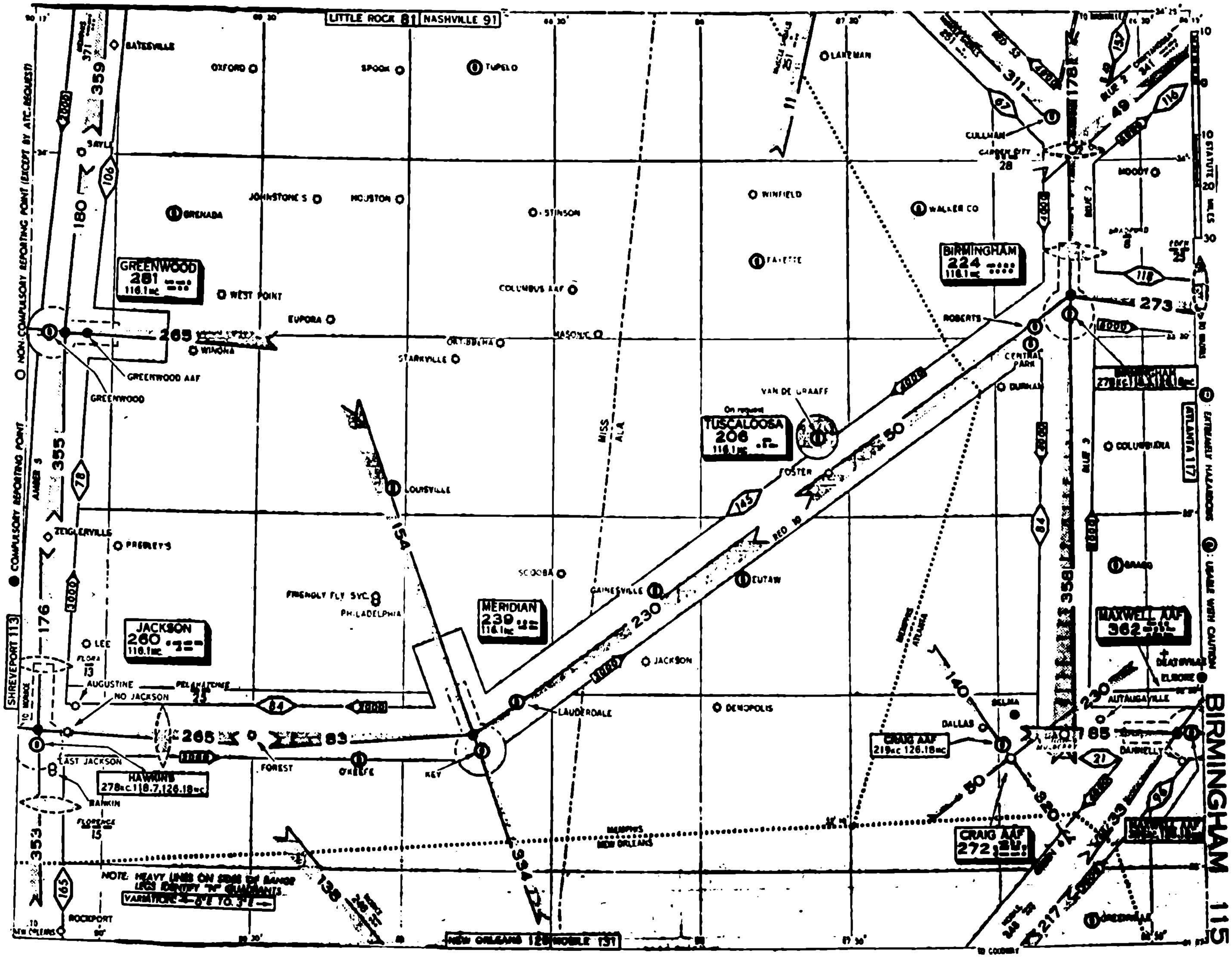
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
BIRMINGHAM				IM-	MM-	OM-
					MMK 356 ···· (0.72)	OMK 375 — ··· (5.4)
HAWKINS	109.9	333.8	108°	IM-	MM- .-.- (0.70)	OM- — — (4.43)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Friendly Flying Service (Philadelphia,Miss.)	0.7 SE	500	22 S4	80 oct.
Deatsville (Prattsville, Ala	9.5 NNW;hwy W	524	40	Emerg only. S,SE blkd.
Durham (Bessemer, Ala)	2.5 SW,RR SE	500	23 L S6	80 oct.Rng lgts prior req.
West Point (Miss)	1 NE;RR W	250	19	Landing area rough.
Rankin (Jackson,Miss)	4 SSE;hwy W	250	30 S6	80 oct.
Presley's (Pickens,Miss)	1 NNE;RR E	230	23 S6	80 oct,Poles sur fld.
Fayette (Ala)	2.1 NNE;hwy W	359	18 S1	80 oct,P-line NW.
Jackson(Livingston,Ala)	1 N;hwy E	170	18 S4	80 oct
Scooba (Miss)	0.5 NE;RR W	250	19 S4	80 oct.P-line SE Soft when
Sayle(Charleston,Miss)	3.3 W;crk S	160	20 S2	80 oct. Bldg S wet
Winfield (Ala)	0.5 SSE;hwys NNE	460	24 L S4	80,91 oct.Trees sur fld
(P) Tupelo (Miss)	3 W;hwy S	338	32 S6	80 oct.No acft repairs
Johnstones Arpk (Calhoun City,Miss.)	1.8 N;hwy W	210	16 S2	80 oct.Rough.Soft when wet.
Lakeman (Haleyville,Ala)	5 NE	810	18 S4	80 oct.SW hills,trees.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) ➸ New or revised data. [Jones] - Airline Stop. N.R. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.


LITTLE ROCK 81
NASHVILLE 91
BATESVILLE
OXFORD
SPOOK
TUPELO
LANDMAN
CULLMAN
CAPSHAW CITY
MOODY
GRENADA
JOHNSTONS
HOUSTON
STINSON
WINFIELD
WALKER CO
FAYETTE
GREENWOOD 281
WEST POINT
COLUMBUS AAF
EUPORA
WINONA
GREENWOOD AAF
GREENWOOD
STARKVILLE
MASONIC
ROBERTS
CENTRAL PARK
DURHAM
VAN DE GRAAFF
TUSCALOOSA 206
FOSTER
LOUISVILLE
MISS
ALA
ZEIGLERVILLE
PREWETT'S
FRIENDLY FLY SVC
PHILADELPHIA
SCOOBA
GAINESVILLE
EUTAW
MERIDIAN 239
JACKSON 260
LEE
AUGUSTINE
NO JACKSON
PELAHATCHIE
LAUDERDALE
DENKPOLIS
JACKSON
EAST JACKSON
HAWKINS
FOREST
O'KEEFE
KEY
BANKIN
FLORENCE
ROCKPORT
NOTE: HEAVY LINES ON SIDES OF RANGE
LEGS DENOTE "H" CHANGEOVERS
VARIATION 2°E TO 3°E
MEMPHIS
NEW ORLEANS
NEW ORLEANS 125
MOBILE 151
SELMA
DALLAS
CRAIG AAF 219
CRAIG AAF 272
MAXWELL AAF 362
AUTAUGAVILLE
DARNELLY
BIRMINGHAM 224
BIRMINGHAM
COLUMBIANA
ATLANTA 117
BIRMINGHAM 115
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
SHREVEPORT 113
STATUTE MILES
EXTREMELY HAZARDOUS
USABLE WITH CAUTION

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Albertville (Ala)	1 NW;RR NE	1063	28 S6	80 oct.
Allen (Buford, Ga)	1.5 S;hwy SW	1070	15	P-line SW.
Allenport (Montgomery)	4.3 SSE;RR NE	175	30 S6	80 oct. Trees N. (Ala)
Americus (Ga)	1.5 S;RR W			ABANDONED
Anniston (Ala)	5.5 SSW;hwy E	610	24 S6	80 oct. 100' stack WNW.
(A) Anniston AAF (Ala)(A)	15 W;SW;hwy N	527	53h	TMP INACT. NO FACS.
Athens (Ga)	3.5 E;RR N	807	40h L3 S6	80,91 oct. Lgts prior req
ATLANTA Range (Ga)	266(AG)(vhf)	331°,1.9	SBRAZ-DTXV	(3); 116.1, 122.1
ATLANTA Tower (Ga) [Atlanta] (Ga)	278(118.7,126.18) 8 S; RR N	1005	AC(ILS) 48h L6 S6	(4); 126.18,118.7,122.5 73-100 oct.
ATLANTA Navy Range (Ga)	323 (NCQ)	86°,3.2	MRLWZ	
ATLANTA NAS Tower (Ga)	356 (142.74)		CN	3105,4495,3117.5;142.7
(N) Atlanta NAS (Ga) (N)	8.5 NNE	1002	39h (L6) S6	100 oct. Hwy SE.
(P) Auburn-Opelika (Auburn)	2.8 E;RR N	774	40h L5 S6	80 oct. (Ala)
Bentley (Calhoun Falls,S.C.)	3 ENE	500	21	RR NNW.
Butler 14,1J-AG (Ga)	0.5 NW;RR S	667	32 L3	S,SW,NE blkd.
Cedartown (Ga)	1.2W;hwy SE	800	30 S4	80 oct. SE blkd.
Centre (Ala)	0.6 NNW	720	22 S4	80 oct. Trees SSE.
City-Co. (Carrollton,Ga)	See Carrollton Airport under "New Facilities"-name changed			
Clevenger's Arpk. (Marietta, Ga)	See Lunsford under "New Facilities" - name changed.			
Cobb (Marietta, Ga)	6.4 SSW;rd S	1050	16 S1	Ltd 80 oct. No sto. Trees
(A) Cochran (Macon,Ga)(A)	10 S;RR E	354	50h	TMP INACT. NO FACS. NW.
Cochran 50,MM-AG (Ga)	5 NE;riv E	324	30 L3 S6	80 oct. Trees SSW. (Ga)
Columbus (Ga)	1.5 SSE;riv SW	240	45 S6	80,91 oct.
(P) Cordele (Ga)	1.6 NNE;RR W	305	52h	
Crawford W. Long (Jefferson, Ga)	2.5 S;RR E	950	27 L1 S6	80 oct. P-line ESE. Fld lgts on req.
(N,P) Dublin (Ga)	4.5 WNW;hwy S	303	50h L2 S6	80 oct. NATS (Hospital)
Elberton (Ga)	2 SE;hwy W,N	800	19 S1	80 oct. Obst sur fld blkd.
Felton (Cartersville,Ga)	2.5 N;hwy W	790	24 S4	80 oct. ENE,WSW,NNW
Flying "S" Ranch (Villa Rica, Ga)	1.7 NE	1040	17 S2	80 oct. Rocks NE.
Gadsden (Ala)	See Gulf Steel under "New Facilities" - name changed.			
Gainesville (Ga)	1.5 S;RR E,NW	1277	40h (L6) S6	80,91 oct. Lgts on req.
Griffin-Spaulding (Griffin)	1.5 S;hwy SSE	936	30 L4 S6	80,91 oct. ENE,SSE,WSW
GUNTER Tower (Ala)	201(126.18)		CA	(3) (Oper. on a variable schedule) NNW blkd
(A) Gunter (Montgomery,Ala)	5 NE;hwy N	225	37h L5	(A)
[Herbert Smart] (Macon,Ga	4 ESE;hwy W	463	47h L5 S6	80, 91 oct. P-line NE.
Hurtsboro (Ala)	2.5 SE;RR SW	349	23 S1	78 oct.
* Jackson Int,57,MM-AG(Ga)	4.6 SW	716	30 L3	
JONESBORO K Fac. (Ga)				DECOMMISSIONED.
Kings (Milledgeville, Ga)	See Milledgeville under "New Facilities" - name changed.			
(P) La Grange (Ga)	See Calloway Arpt under "New Facilities"-name changed			
Lakewood (Atlanta,Ga)	4 S;lake SE	1026	16 S6	80 oct.
LAWSON Army Range (Ga)	379(DVL)	21°,3.3	BMRLZ	(3)
LAWSON Tower (Ga)	278 (126.18)+		CA	(3); 126.18
(A) Lawson (Columbus,Ga)(A)	9.5 S;riv W	232	59h L5 S6	91,100 oct. No sto.
NEW FACILITIES				
(P) Calloway (LaGrange,Ga)	3 SW;RR ESE	700	50h L2 S6	80 oct.
Turner #1(Albany,Ga)(A)	15 NE			ABANDONED.
Valley (Lanett,Ala)	2 SE;riv N,E	552	26 S6	80 oct.
Gulf Steel (Gadsden,Ala)	1.9 SW;hwy N	540	15h	Fld rough. Obst sur fld.
Goodyear (Gadsden,Ala)	3.5 ESE;hwy N	500	18 S4	80 oct. E blkd.
Sylacauga (Ala)	2.5 SW	571	19 S6	80 oct. Quarry W
Ft. Payne (Ala)	2 SW;RR NW	800	18 S4	80 oct.

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
McRae,47,MM-AG (Ga)	2 SE;hwy N	247	26 L3 S4	80 oct. W blkd. Rough
MACON Range (Ga) (Herbert Smart)	209(UN)(116.1)	246°,4.8	BMLZ-DTV	(4); 116.1,122.1 SSE blkd.
Madison (Ga)	2 SSW;RR .5 E	720	26 S2	80 oct. P-line NE,NNW,
MARIETTA AAF Twr (Ga)	396 (126.18)		CA	3105,4495;126.18
(A) Marietta AAF (A) (Ga)	2.5 SE	1030	60h L5 S4	100 oct. JP-1.
Montezuma (Ga)	1.5 E;RR S,W	300	35 S1	Ltd 80 oct. P-line S
Morton (Palmetto,Ga)	1.8 NNE;RR SE	1020	24 S4	80 oct. Hi-line SE.
Moton (Tuskegee, Ala)	3 N;RR;hwy W	269	40 S6	80,91 oct. Twr S end.
[Muscogee Co.] (Columbus, Ga)	5.6 NE;RR E	386	40h L5 S6	80,91 oct. Fld lgts on req.
Newnan Arpk (Ga)	3.7 SE;RR W	970	23 L1 S2	80 oct. Hwy W,N
Norman Bridge (Montgomery, Ala)	5.8 S;RR E	172	23 S4	80 oct.
Parkaire (Marietta, Ga)	7.7 E;hwy SW	1100	22 S6	80,91 oct.
Polo Arfld (Athens, Ga)	2 WSW;hwy N	720	12 S4	80 oct. No sto.
Red Dog (Cochran, Ga)	6.2 NW;RR S	300	23 S6	80 oct. Trees N,E.
Reginald Grant Memorial (Thomaston, Ga)	3.7 NNW;hwy E	750	23 S2	80 oct. S,W blkd;p-line N
Ries (Macon, Ga)	4.5 SE;riv E	300	17 S1	80 oct. N,E blkd.
ROBINS Tower (Ga)	284 (126.18)+		CA	(3); 126.18
(A) Robins (Warner-Robins)	1.5 NE Wellst'n	295	70h L5 S6	62,73,100 oct. JP-1.(A)
Roosevelt (Warm Spgs,Ga)	3.5 N;hwy W	870	21 S2	80 oct. W NW blkd.
Rockmart (Ga)	2 ENE;RR W	900	24 S6	80 oct. Trees N.
Rome (Ga)	3 NW;RR S	669	26 S6	80 oct. No sto.
(N) Russell (Rome, Ga)	7 N;hwy N	644	45h L5 S6	80,91 oct. Lgts prior req.
* Siloam Int, 7B, AG-CS (Ga)	1.3 S;hwy 1 NE	654	39 L3	SE blkd.
Souther (Americus,Ga)	4 NE;RR W	470	53 S6	80 oct, NE blkd,trees E
Talladega (Ala)	2.6 NE;hwy E	590	18 S4	P-line E, hill W. No sto.
* Tallapoosa Int,73,FV-AG	5.5 SSE	1210	21 L3	(Ga)
Thomas C. Russell (Alexander City, Ala)	See Russell under "New Facilities" - name changed.			
(A) Troy (Ala)	4.8 NNW;rd E	393	50h	CLOSED.
(A) Tuskegee AAF (Ala)(A)	7.3 NW;RR S	253	50h	CLOSED.
Tuskegee Institute #1 (Ala)	4 SSE;hwy W			ABANDONED.
(A) Vidalia-Lyons (Vidalia,Ga	3.2 SE;hwy N	274	50h	TMP INACT. NO FACS.
Wages (Lawrenceville,Ga)	1.8 N;hwy E	1075	12 S2	80 oct. E blckd. (A)
Washington (Ga)	See McGill Field under "New Facilities" -name changed			
Weedon (Eufaula,Ala)	4.3 NNE;hwy E	275	35 L5 S6	80 oct. No bcn.
Winder,4,AG-LG (Ga)	1.5 NE;bet rds	950	30 L3 S6	80,91 oct. NE,SE blkd.
Woodbury (Ga)	1.5 E	770	16	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
ATLANTA	109.9 -.-.-	333.8	329°	IM-	MM- ·-·-(0.70)	OM- – –(4.40)
					MMK-201 ·–··	OMK-219 ····

NEW FACILITIES

Milledgeville ,(Ga.)	1.5 NW;RR SW	360	28 S4	80 oct. NW blkd. Pwrline E.
Abbeville (Ga)	0.8 S;hwy E	260	16	P-line V Emerg only.
Griel Aux (Tallassee,Ala)	4 S;riv NE	200	35	P-line W. Trees NE
Perry (Ga)	1.5 NNW;hwy W	340	16 S1	80 oct. Lgt acft only.
Gadsden (Ala)	5 SW	560	48h S6	
Thompson (Swainsboro,Ga)	1 W;hwy E	300	32	
Washington Co. (Sandersville,Ga)	1 E;RR W	460	26 S1	80 oct. Trees NW
Zellner's (Forsyth,Ga)	1.8 NNW;RR W	765	18 S1	80 oct. Trees SW,NW.
Camp Sibert (Attalla,Ala.)	See Gadsden under "New Facilities" - name changed.			
Carrollton (Ga)	3.3 NE;hwy SE	1200	18 S1	80 oct.
McGill (Washington,Ga)	1.4 NW;RR SE	600	22 S1	80 oct. Cat'l on fld. Hwy S
Russell (Alexander City,Ala)	1.5 SW	711	32 S6	80 oct.
Sylavan (Sylacauga,Ala)	2 W	560	23 S4	80 oct. Slippery when wet.
Lunsford (Marietta,Fla)	5 NE;RR W	1060	13 S2	Ltd 80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (2) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.85 mcs. ⊕ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) —n— New or revised data. [Name] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

ATLANTA 117

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
Aiken (old) (S.C.)	2 E;RR NNE	500	19 S4	80 oct. Trees SSW.
(A) Aiken AAF (S.C.) (A)	6 NNE;RR SW	530	51h	CLOSED
AUGUSTA Range (Ga)(Daniel)	385(VD)(116.1)	46°,2.1	SBRAZ-DTV	(3); 116.1, 122.1
Barnwell (S.C.)	1 WNW;hwy E	235	50h	
(P) Beaufort (S.C.)	4 NW	38	60h S4	80 oct.
Birdsville (Millen, Ga)	9.4 WNW;riv S	200	22	Emerg only.
(P) [Bluethenthal](Wilmington, N.C.)	2.8 NNE;hwy W	30	70h L5 S6	80,91 oct. No flood
Bush (Augusta, Ga)	7.5 SSE;RR W	140	52h	
(A) Camp Stewart (Hinesville, Ga) (A)	3 NE;hwy SW	46	50h	TMP INACT.NO FACS.
Carlisle (Bamberg,S.C.)	4 ESE;riv NE	140	20 S4	80 oct. No sto.
Carolina Beach (N.C.)	2.2 NNW;hwy E	32	16 S1	80 oct. (limited)
Carolina Skyways (Charleston, S.C.)	6 SSW;riv W	10	26 S6	80 oct ENE,E,WSW, NW blkd.
CHARLESTON Range (S.C.)	329(CS)(116.1)	110°,2.0	SBRAZ-DTV	(3); 116.1, 122.1
CHARLESTON Tower (S.C.)	278 (126.18, 118.3)		AC (ILS)	(4); 126.18,118 3,122 5
(N) [Charleston Mun.](S.C.)	9.8 NW;RR Dounders Fld NE	45	70h L6 S1	80,91,100 oct.Use rnwys only. NATS.(Hospital)
(N) Charleston (S.C.) (N)	4 N;riv E			ABANDONED.
(NG) Chatham AAF (Savannah, Ga) (NG)	7.5 NW;RR S	50	70h L5 S4	100 oct,1-ech ltd 2-ech maint NG.No bcn.
Clark (Charleston, S.C.)	4 S;harbor NE	6	21 S4	80 oct. Trees sur fld.
COLUMBIA Range (S.C.) (Lexington Co).	227(CI)(116.1)	268°,7.3	SBRAZ-DTV	(4); 116 1,122 1
(NG) Congaree (Columbia,S.C.)	15.5 ESE;RR S	237	45h	
(A) Coronaco AAF(Greenw'd)	3.8 N;RR E	629	50h	(S.C.)(A) CLOSED. fld
Conway (S.C.)	2 1 N;RR W	20	24 S1	80oct.Trees,p-line sur
DANIEL Tower (Ga)	278 (126.18, 118.9)		C	(4);126.18.122.5.118.9
[Daniel](Augusta,Ga)	2.5 W;RR S	424	42h L5 S6	80,91 oct. P-line S
Donald (St.Matthews,S.C.)	2.5 NNE;RR S	280	18 S1	Ltd 80 oct.Trees SE.
Duke (Chadbourn, S.C.)	1 N;RR SW	96	20 S4	80 oct.Trees N,S
✈ Elloree Int,25,AG-CS(S.C.)	5.5 SE;RR N	146	40 L3	Steel mast NE.
Estill (S.C.)	2.5 SSW;RR E	135	25	
FLORENCE Range (S.C.)	320(FL)(116.1)	292°,1.7	SBMRLZ-DTV	(4); 116 1,122 1
(P) Florence (S.C.)	3.5 E;RR SW	146	60h L5 S1	80, 91 oct.
Georgetown (S.C.)	1 NW;riv E	12	29 S6	80, 91 oct.
(P) Georgetown Co. (S.C.)	4 S;bay E	37	50h	
Glennville (Ga)	2 SW;hwys N,E	175	32	No facs for public
Greenwood (S.C.)	2.6 W;RR E	650	24 S6	80,91 oct.
Hartsville (S.C.)	2.1 NNE;hwy S	230	25 S2	80 oct.
Hawthorne (Orangeburg, S.C.)	5 S;RR E			ABANDONED
Hinesville (Ga)	3 S; RR E,S	55	24 S6	80 oct.No sto.Rdo repairs
Huggins (Timmonsv'l,S.C.)	1.5 ENE;hwy NW	149	18 S4	80 oct Pwr line NNW
HUNTER Tower (Ga)	278 (126.18, 118.7)		AC	(4); 122.5,126 18, 118.7
[Hunter](Savannah,Ga)	3.5 SW;RRyd NW	40	50h L5 S6	80,91,100 oct. Sharp incline 370' NE of NE/SW strip
NEW FACILITIES				
Parks Arpk (Myrtle Beach, S.C.)	2 N		25 S1	80 oct.Army Acft in Vicinity.Data unver.

FACILITY	FREQ., IDENT. ARPT LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Jennings (Orangeburg,S.C.)	2.3 S;RR E	190	25 S2	80,91 oct.P-line ENE
(A) John's Isl.(Charleston,S.C.)	7 SSW;rd W	16	50h	CLOSED. (A)
* Lane Int,24,JX-RW(S.C.)	3 S; RR W	72	34 L3	P-line E,ESE,W
LEXINGTON CO. Twr.(S.C.)	396		C	(4);(8-24)(See Notice to Airmen Section)
(P) [Lexington Co.](Columbia)	6.5 SW;RR SE	233	56h L5 S1	(S.C.)80,91 oct.
(P) Lindsey (Swainsboro,Ga)	2.3 S;RR W	300	30	Pole line E. Emerg only.
Manning (Allendale,S.C.)	1.5 ENE;hwy N	180	32 S1	80 oct.
Manning (S.C.)	1.5 SE	125	20 S1	Ltd 80 oct. RR NNE
MYRTLE BEACH Army Rng	379 (DMB)	69°,4.4	BMRAZ	(S.C.)
MYRTLE BEACH AAF Tower	272 (126.18)		CA	(3); 126.18 (S.C.)
(A) Myrtle Beach AAF (S.C.) (A)	3 WSW;hwy N	24	50h L5 S6	73,91,100 oct.No sto
(A) North (S.C.) (A)	1.5 SE;hwy N	320	50h	TMP INACT.NO FACS
North Augusta (S.C.)	2 E;hwy S	375	23 S4	80 oct.
Ocean Drive (Wampee,S.C.)	3.3 S;hwy NW	33	60h S1	80,91 oct.
Owens (Columbia,S.C.)	See Columbia under "New Facilities" - name changed.			
Parris Isl.(S.C.)	1.5 S	11	60h	CLOSED
Peiffer (Wilmington,N.C.)	6 ESE;hwy N	10	18 S6	80 oct N,NNE blkd
Ridgeland (S.C.)	1.3 WNW;hwy E	60	22 S1	73, 80 oct.
SAVANNAH Rng (Ga)(Hunter)	263(SH)(116.1)	51°,2.2	SBMRLZ-DTV	(3); 116.1, 122.1
Savannah-Wilmington (Savannah, Ga)	8 ESE;hwy NW	10	29 S6	80 oct.N,NE blkd.Rough
SHAW Tower (S.C.)	272 (126.18)		CA (GCA)	(3); 126.18
(A) Shaw (Sumter, S.C.)(A)	7 WNW;hwy S	236	45h L5 S6	73,91,100 oct.JP-1.
(P) Statesboro (Ga)	3.8 NE;hwy W	180	53h S4	80 oct.
(P) Sumter (S.C.)	1.5 NW;RR S	169	30 S6	80,91 oct.Data unver.
Sylvania (Ga)	7.5 SSE	160	50h	CLOSED.
Trenton (S.C.)	1.2 E;RR ESE	480	21 S1	80 oct.
Truluck (Charleston,S.C.)	5.5 W;RRs N	12	29 S6	80 oct.Poles sur fld.
(P) Walterboro (S.C.)	1.3 NE;hwy SE	93	58h S2	80 oct.
W.Savannah(Savannah,Ga)	3 W;RR W,N	42	23 S6	80 oct.P-line NW.
Whiteville (N.C.)	3.7 S;RR N	60	18 S1	Ltd 80 oct.
Wilmington Arpk. (N.C.)	3 SE;hwy N	20	27 S4	80 oct.N & E blocked.
(P) Woodward (Camden,S.C.)	2.9 NE;hwy E	300	30h S4	80,91 oct, Parked acft on fld

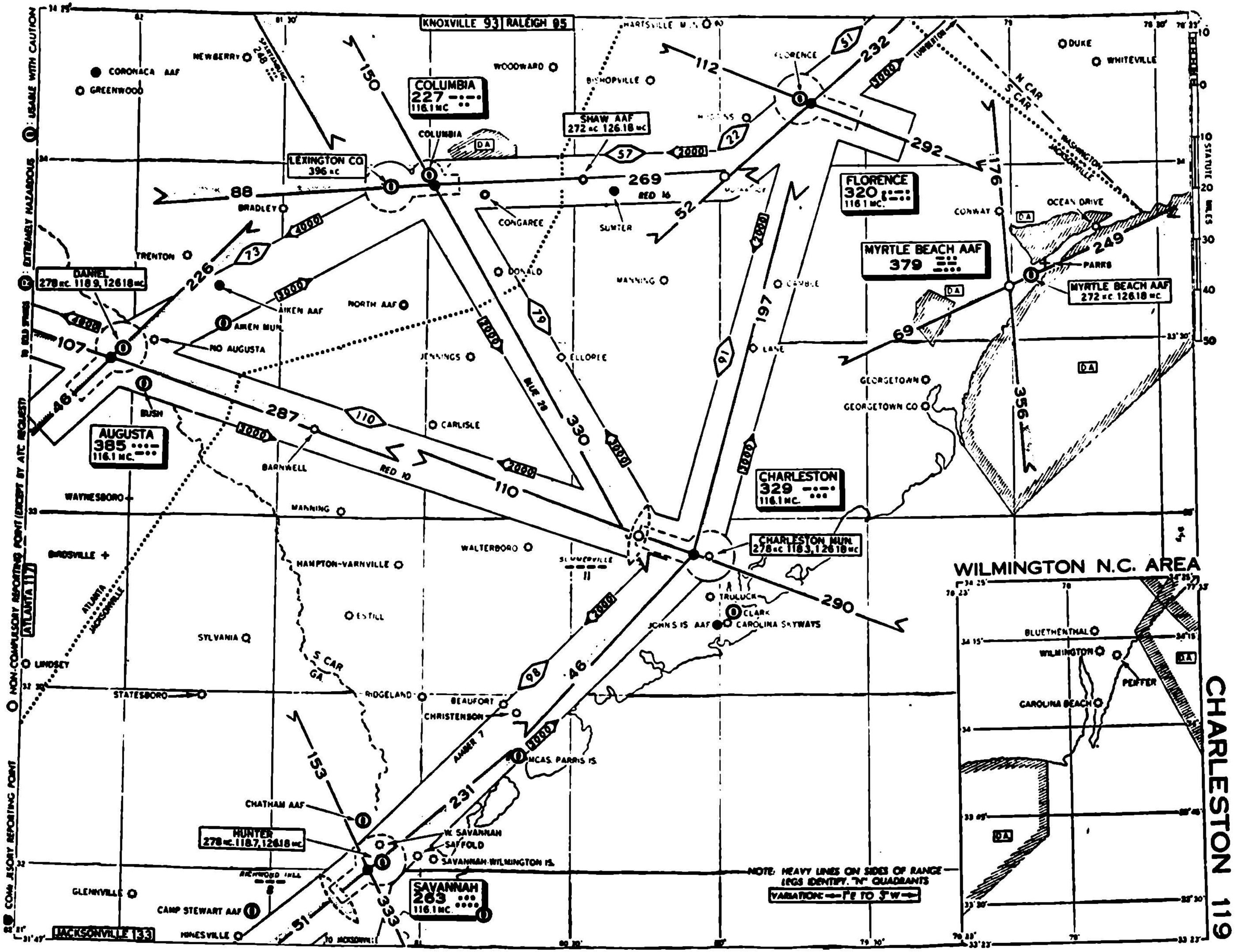
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
CHARLESTON	110.3	335	147°	IM-	MM- ·-·-(0.64)	OM- ——(4.18)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
Hampton-Varnville (Hampton,S.C.)	1.6 E;RR SW	110	28	ESE,SSW,WNW blkd.
✈ Bradley (Batesburg,S.C.)	3.2 SE;hwy W	537	22 S2	80 oct.L-line W,trees
Gamble(Kingtree,S.C.)	1.8 E;hwy N	52	21 S2	80 oct.S,W blkd S,SE
Salfold (Savannah,Ga)	4.8 ESE;hwy S	10	32 S6	80,91 oct.
Waynesboro (Ga)	3.5 SSE;hwy E	295	36 S4	80 oct. N,E,ENE blkd.
Newberry (S.C.)	2.3 NNW;RR NE	561	22 S6	80 oct.P-line E
Columbia Mun (S.C.)	2.5 SE;RR SW	192	36h L4 S6	80,91 oct.WSW,NNW blkd. P-line SSE
Bishopville (S.C.)	1.8 NNE;hwys 0.6 SW	220	19 S2	80 oct.NNE,E,SSW blkd by trees
Christenson Fld (Beaufort, S.C.)	0.8 NNW;riv N	20	26	W,NNW,E,SSE blkd.

RADIO: S - Sharel Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (S) - 3265, 4465, 6230 kcs. (S) - 3265, 4465, 6230, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ✈ - Army A.C.S. transmits on and guards 116.1, 127.65, 149.85 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS. h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) -✈- New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are underlined and non-capitalized.

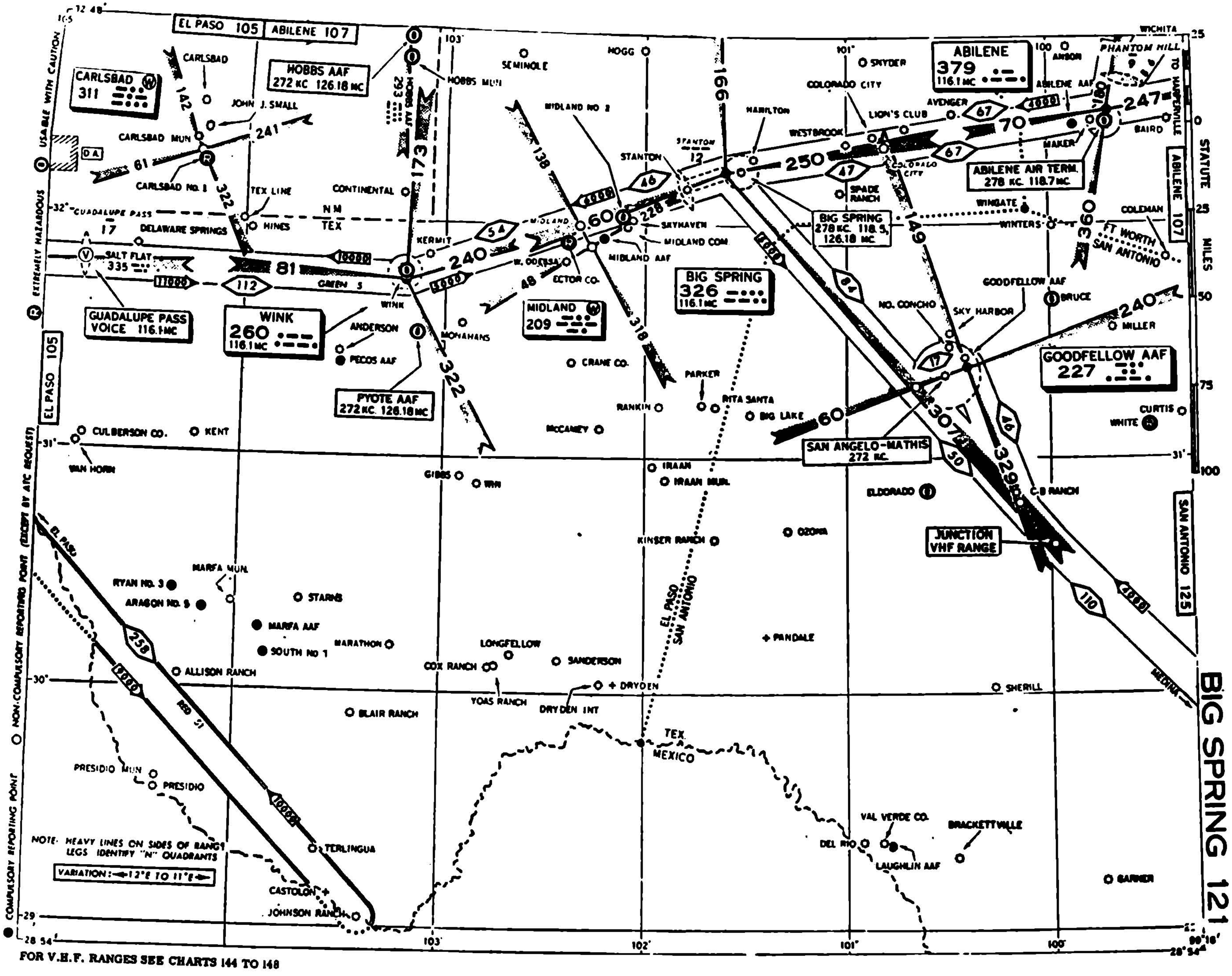

KNOXVILLE 93 RALEIGH 85
CORONACA AAF
GREENWOOD
NEWBERRY
WOODWARD
COLUMBIA
227
116.1 MC
SHAW AAF
272 sc 126.18 mc
LEXINGTON CO
396 sc
BRADLEY
TRENTON
DANIEL
278 sc 118.9, 126.18 mc
AIKEN AAF
NORTH AAF
AIKEN MUN
NO AUGUSTA
AUGUSTA
385
116.1 MC
BUSH
BARNWELL
WAYNESBORO
BROSVILLE
MANNING
HAMPTON-VARNVILLE
WALTERBORO
SYLVANIA
ESTILL
LINDSEY
STATESBORO
RIDGELAND
BEAUFORT
CHRISTENSON
CONGAREE
SUMTER
DONALD
JENNINGS
ELLOREE
CARLISLE
FLORENCE
320
116.1 MC
BISHOPVILLE
MARS BLUFF
MYRTLE BEACH AAF
379
MYRTLE BEACH AAF
272 sc 126.18 mc
CONWAY
OCEAN DRIVE
PARRS
DUKE
WHITEVILLE
CHARLESTON
329
116.1 MC
CHARLESTON MUN
278 sc 118.3, 126.18 mc
CLARK
CAROLINA SKYWAYS
JOHNS IS AAF
TRULUCK
LANE
GEORGETOWN
GEORGETOWN CO
CHATHAM AAF
HUNTER
278 sc 118.7, 126.18 mc
W. SAVANNAH
SAFFOLD
SAVANNAH-WILMINGTON IS.
SAVANNAH
263
116.1 MC
MCAS PARRIS IS
GLENNVILLE
CAMP STEWART AAF
HINESVILLE
JACKSONVILLE 133
ATLANTA 117
WILMINGTON N.C. AREA
BLUETHENTHAL
WILMINGTON
CAROLINA BEACH
PEPPER
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION 4°E TO 5°W
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
COMPULSORY REPORTING POINT
STATUTE 20 MILES
CHARLESTON 119

BIG SPRING

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ABILENE Range (Tex)	379(AP)(116.1)	180°, 2.2	SBRAZ-DTV	(3): 116.1, 122.1
(Air Terminal) ABILENE Tower (Tex)	278 (118.7)		C	(4); 118.7,126.18,122.5 (7-23)
(P) [Abilene Air Terminal](Tex)	2.8 ESE;RR N	1758	36h L5 S6	73,80,91 oct.; 100 oct.Army
(A) Abilene AAF (Tex) (A)	7 WSW;hwy N	1791	51h	CLOSED.
Allison Ranch (Marfa, Tex)	23.4 SW;hwy E	5100	49 S1	73 oct.
Anderson (Pecos, Tex)	1.8 NNW;RR W	2620	42 S6	80 oct. Poles sur fld.
Anson (Tex)	0.8 ENE;RR W	1650	21 S1	80 oct.
(A) Aragon #5 (Marfa,Tex)(A)	9 WNW;RR N	4880	60h	CLOSED.
(P) Avenger (Sweetwater,Tex)	3.5 W;RR S	2370	62h L5 S6	80,91 oct.
Baird (Tex)	3.1 NNE;hwy W	1710	24 S6	73, 80 oct.
Big Lake Mun. (Tex)	0.6 NW;hwy S	2950	37 S2	80 oct.Use strips.
BIG SPRING Range (Tex)	326(BZ)(116.1)	70°, 3.9	SBRAZ-VDT	(3);116.1,122.1
BIG SPRING Tower (Tex)	278 (126.18, 118.5)		C	(4): 126.18,122.5,118.5 (7-23)
(N)(P) [Big Spring] (Tex)	3.3 WSW;hwy N	2595	62h L5 S6	80,91,100 oct. NATS P-line
Blair Ranch (Marathon, Tex)	23.5 SSW;hwy E	4180	24	PRIVATE. N,E,NW.
Brackettville (Tex)	2.6 W;hwy N	1105	17 S1	Ltd 80 oct.
Bruce (Ballinger, Tex)	4.5 SSW;hwy NW	1731	23h L S6	80,91 oct.B-2 lgts on req. Use rnwys.
CARLSBAD Range (Mun)(N.M.)	311 (DKB)	322°,3.5	MRLW	
Carlsbad (N.M.)	3 N;RR E	3100	38 S2	80 oct.
(P) [Carlsbad Mun] (N.M.)	6.1 SSW;hwy S2	3276	67h L5 S6	73,80,91 oct.No flood.Fld lgts on req.Rnwy data unver.
Carlsbad #1 (N.M.)	11 S;hwy 3 W	3245	67h	
Castolon (Tex)	0.8 NNW;riv SW	2300	16	High butte 0.5 mi E
C-B Ranch (Fort McKavett, Tex)	1.5 W;rd S	2150	32 S1	80 oct. Livestock on fld
Coleman (Tex)	1.7 NE;crk SW	1685	16h S2	80, 91 oct. Use rnwys only
Combs (Marathon, Tex)	See Marathon under "New Facilities" - name changed.			
Continental (Jal, N.M.)	0.7 W;hwy E	3100	20	
Cox Ranch (Longfellow,Tex)	8.2 SW;RR S	3700	48	PRIVATE.
Crane Co. (Crane, Tex)	1 NNW;hwy E	2900	45 S1	73 oct. Hi-line S.
(P) Culberson Co.(Van Horn,Tex)	3.5 ENE;RR S	3955	60h	
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel.
Decker Ranch (Candelaria, Tex)	11.5 N	3650	29	PRIVATE
Delaware Springs Int, 11, EO-FV (Tex)	16.8 E Pine Springs	3955	40 L3 S1	91 oct. P-line SSE.
Del Rio (Tex)	1.5 WSW;hwy E	1025	30 S4	80 oct. No sto.Poles N
Dryden Airdrome (Tex)	1 W	2159	18	
Dryden Int,29,EO-JI (Tex)	5.7 W;hwy N	2300	45h L3	
Dyche (Ft. Stockton,Tex)	9 SW;RR E			ABANDONED
Ector Co. (Odessa, Tex)	5 NNW;hwy W	2900	50 S6	80,91 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Eldorado (Tex)	1 W;RR E	2400	32 S1	80 oct. Poles E.Cattle on fld.
(A) Fort Clark (Brackettville)(A)	1.5 SW;rd E			ABANDONED
Garner (Uvalde, Tex)	2.7 E;hwy N	930	17h S1	80 oct.
Gibbs (Ft. Stockton, Tex)	2.7 NNW	3010	25h	Allway area: 4800 x 5000'
GOODFELLOW Army Range	227 (DIP)	329°,2.5	BMRLZ	(3)
GOODFELLOW Tower (Tex)				DECOMMISSIONED
(A) Goodfellow (San Angelo,Tex)	3 SE;rds N,W	1877	55h	TMP INACT.
GUADALUPE PASS (Tex)	(116.1)		VP	(4);116.1,122.1
Hines (Red Bluff Lake,Tex)	5.5 NNW;RR W	2850	24 S1	80 oct.
HOBBS AAF Tower (N.M.)	272 (126.18)		CA	(3); 126.18 (630-23)
(A) Hobbs AAF (N.M.) (A)	8 NW;RR NE	3707	88h L5 S4	100 oct. prior req.
[Hobbs Mun] (N.M.)	5 W;hwy N	3658	50h L5 S6	80,91 oct.P-line N.Fld lgts
Hogg (Lamesa, Tex)	3 W;hwy N	3000	38 S1	80 oct. Bldg SW.
Iraan (Tex)	5 NW	2300	26	
Iraan Mun. (Tex)	0.5 SE;hwy W	2500	33 S2	80,91 oct.P-line N,S,SE. Use strips only.
John J. Small (Carlsbad, N.M.)	3.5 SSE;RR NE	3150	27 S1	73 oct.
Johnson Ranch (Castolon,Tex)	10.7 SE;riv SW	2092	37	
Kent (Tex)	0.6 WNW;RR S	4260	21	P-line NE,SW. PRIVATE.
Kermit (Tex)	1.3 E;hwy S	2800	33 S6	80 oct. No sto.
Kinser Ranch (Ozona,Tex)	25 W;riv W	2474	24 S1	80 oct.PRIV.Data unver.
Lamesa Com. (Tex)	1.8 WNW;hwy S			ABANDONED
(P) Laughlin (Del Rio,Tex)	7 E;hwy N	1070	67h	Use rnwys.Cat'l on fld.
(A) Marfa AAF (Tex) (A)	9 ESE;R R N	4885	75h	CLOSED.
Marfa Mun. (new) (Tex)	4 N;hwy E	4835	53h S6	80,91 oct.
Marfa Mun. (old) (Tex)	2 NE;hwy,RR S			ABANDONED
McCamey (Tex)	0.8 SW;RR N	2425	38 S6	80 oct. Hi-line SSE.
Me-Tex (Hobbs, N.M.)	4.5 W;hwy N			ABANDONED
MIDLAND Range (Tex) (AAF)	209 (DON)	48°,3.8	MRLWZ	
MIDLAND #2 Tower (Tex)				DECOMMISSIONED
(A) [Midland AAF] (A) (Tex)	9.5 WSW;RR S	2867	64h L1	CLOSED.
[Midland#2](Tex)	3 NNW;rd E	2805	64h L5 S1	80,91 oct.
Midland Com. (Tex)	1.1 SSE;hwy N	2800	30 S6	80 oct.P-line sur fld.Strip ends rough
Miller (Leaday, Tex)	1 S;riv W	1525	31 S6	73 oct. No sto.
Monahans (Tex)	1.2 SW;RR N	2643	33 S6	80,91 oct.P-line SSW.
[North Concho](San Angelo,Tex)	1.7 WNW;RR E	1850	28 S6	80,91 oct.P-line N,E,SE
Ozona (Tex)	4.9 WSW;hwy N	2474	52 S1	80 oct.
Pandale (Tex)	8 NE		20 S2	80 oct. Data unver
Parker, (Texon,Tex)	2.3 W; RR N	2700	32	Use strips only.
(A) Pecos AAF (Tex) (A)	2.2 SSW;RR W	2617	72h	CLOSED.
Presidio (Tex)	4 N;hwy W	2850	48	NOT MAINTAINED.
Presidio Air Strip (Tex)	0.8 NE;hills E	2500	21	PRIVATE.
PYOTE AAF Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Pyote AAF (Tex) (A)	1 SW;RR N	2612	85h L5 S4	73,91,100 oct;JP-1 fuel.
Rankin (Tex)	0.4 NE;RR S	2500	27	P-line S,SE Hills sur fld.
Rita Santa (Tex)	0.5 S;RR N	2800	40	Emerg use only.Obsts sur fld.
(A) Ryan #3 (Marfa,Tex) (A)	19 WNW;RR NE	4750	60h	CLOSED.
SAN ANGELO-MATHIS Tower	272		CI	(4); 12 noon 'til 1 hr.after sunset.Closed Mon
(P)[San Angelo-Mathis](Tex)	8.5 SSW;rd NW	1915	59h L5 S6	80, 91 oct.
Sanderson (Tex.)	2 W;hwy N	2900	24 S2	80 oct,400' hills W,E.
Seminole (Tex)	1.3 E;lake SE	3312	34 S6	80 oct.P-line S.Use strips.
Sherrill(Rock Springs, Tex)	4 W;hwy S	2400	21	Cattle on fld. P-line W,NW.
Sky Harbor (San Angelo,Tex)	4.6 NNW; RR SW	1840	30 L3 S4	80,91 oct.After 2100 lgts on req.
Skyhaven (Midland,Tex)	1.4 NE;RR S	2800	41 S6	73,80,91 oct.P-line ENE,SE
(A) South #1 (Marfa, Tex) (A)	15 SE	4825	60h	CLOSED. W-mill WNW
Starns (Alpine, Tex)	2.1 NW;RR E	4481	42 L S6	80,91 oct.Rnwy lgts prior req
Terlingua (Tex)	2 E;hwy SW	2700	36	
Tex-Line (Orla, Tex)	13.7 NNW	2900	26 S1	Ltd 80 oct. Hwy W.
Tracy (Carlsbad, N.M.)	2 ENE;hwy S			ABANDONED.
U & S Fly.Svc.(Big Spring)	See Hamilton under "New Facilities" - name changed.			
Val Verde Co.(Del Rio, Tex)	4.5 ENE;RR S	1094	49h	
Van Horn (Tex)	0.8 SE;RR N	4040	26 S1	80 oct. Poles NW.
Westbrook Int,32,EO-FV	1.3 S;RR N	2188	34 L3	P-line N,S. (Tex)
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Win (Ft. Stockton, Tex)	3.2 E;hwy N	2925	54 S6	80 oct.
WINK Range (Tex)	260 (WP)(116.1)	353°,1.2	SBRAZ-DTV	(4);116.1,122.1
Wink (Tex)	3.6 WNW;rd SE	2824	70h L5 S6	80,91 oct.
Winters (Tex)	2 NW;RR E	1860	29 S1	73 oct.
Yoas Ranch (Longfellow,Tex)	6.5 WSW;RR N	3675	36	PRIVATE.P-line NW.
NEW FACILITIES				
Colorado City (Tex)	1.5 S;riv NW	2100	21	Ravine E.
Spade Ranch (Westbrook,Tex	14.8 S;ranch 4 E	2127	26	
Westodessa (Odessa,Tex)	1.5 WSW;RR S	2880	33 S2	80,91 oct.P-lines NNW,SSE
Hamilton (Big Spring,Tex.)	1.5 N;hwy 1 S	2517	40 S6	80,91 oct.P-line N,NNE,Ctn. Data unver
Maker (Abilene,Tex)	2.7 W;hwy,RR N	1750	30 S1	80 oct.P-line N,NE,NW
Stanton (Tex)	2 N;hwy 0.5 W	2664	22 S2	80 oct.P-lines N,E,ESE,NW. blkd.
Snyder (Tex)	1.3 S	2270	21 S2	80 oct.P-lines NW,W,SE.E
Marathon (Tex)	0.8 SE;RR N	4100	26 S2	80 oct.Cattle on fld occasionally.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) →← New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

CORPUS CHRISTI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALICE Range (Tex)	224 (EZ)	72°,3.6	SRAWZ	
(P) Alice (Tex)	3.3 ESE;hwy2	N177	48h L5 S6	80, 91 oct.
(A) Aloe AAF (Victoria,Tex)	See Victoria Co under "New Facilities" - name change			
Aloe #10 (Victoria,Tex)(A)	19.8 WSW	150	40h	CLOSED.
Asherton (Tex)	1 S;hwy N	552	13	Trees N.Bush ENE,C'l N.
* Austwell Int,5A,CR-HU	2.1 SSW;rd N	23	32 L3	(Tex)
BROWNSVILLE Range (International) (Tex)	388(JI)(116.1)	157°,2.3	SBRAZ-DTV	(3);116.1,122.1
CABANISS NAAS Tower (Tex)	(142.74)		CN	3105;142 74 (during flgt opers).
(N) Cabaniss NAAS (Corpus Christi, Tex) (N)	6.2 SSW;hwy NW	30	50h L5 S6	80,91,100 oct.
Central Valley (Mercedes)	3 NE;RR 1.5 S	60	31h S6	80,91 oct.(Tex)
Chase (Beeville,Tex.)	5.6 ESE;rd N	186	46h L5	No bcn,bndry,or flood lgts.
Chupadera Ranch Emerg. Strip (Laredo, Tex)	60 NW	630	33 L1	
CLIFF MAUS Tower (Tex)	278 (118.3)		C	(4);118.3,126.18,122.5 (7-23)
[Cliff Maus](Corpus Christi, Tex)	2.5 SW;hwy N	42	45h L6 S2	80,91 oct.
Commercial (Edinburg)	1 W;RR SE	90	13 S1	73 oct.P-line NW,(Tex)
Community (Sinton,Tex)	2 W;RR E	50	24 S4	80 oct. Trees N,E,SE.
CORPUS CHRISTI Range (Cliff Maus) (Tex)	382(CR)(116.1)	138°,2.9	SBMRLZ-DTV	(3); 116.1,122.1
CORPUS CHRISTI Navy Range	248 (NGP)	350°,3.3	MLZ	(3); 142.74
CORPUS CHRISTI NAS Tower	248 (142.74)		CN (GCA)	(3); 142.74
(N) Corpus Christi NAS (Tex)	9.5 SE;bay N	19	50h L5 S6	80,91,100 oct NATS (N)
CORPUS CHRISTI NAS Seaplane Tower (Tex)	2870(142.74)		CN	3105;6210; 142.74
(N) Corpus Christi OLF #10 (Tex) (N)	15 S	19	15h	11 SSW Aberdeen.
(N) " OLF #11 (Tex)(N)	16 SSW	29	15h	13 SSW Aberdeen
(N) " OLF #25 (Tex)(N)	23.5 SSW	46	17h	12.3 ESE Bishop.
(N) " OLF #41 (Tex)(N)	16 SSE	23	20h	11.8 SSE Aberdeen.
Crystal City (Tex)	1.8 N;RR W	600	31 S4	80 oct.P-line ENE,WSW.
CUDDIHY NAAS Tower (Tex)				DECOMMISSIONED.
(N) Cuddihy (Corpus Christi)	7.8 SW;crk S	39	50h L5 S6	80,91 oct.No bcn. (Tex.)
Dimmit Co.(Carrizo Spgs, (Tex)	2.8 E;hwy N	640	26	P-line NNE,WSW.
(P) Eagle Pass (Tex)	10 N;RR N	887	59h	
Eagle Pass Mun. (Tex)	1.3 E;hwy N	774	29 S2	80 oct.ARPT OF ENTRY
Elsa (Tex)	1 SSE;RR SE	70	21 L S6	80 oct. Lgts prior req.
Foster (Victoria, Tex)	6.5 NE;RR S	104	52h	CLOSED
Fox (Raymondville,Tex)	1 WSW;RR S	40	26 L S4	80,91 oct.Poles S.SW.
Freer (Tex)	3.8 NNW			ABANDONED. Port flood prior req.
Harlingen, com. (Tex)	1.8 SSW	41	18	
Harlingen (Tex)	5 NW;RR SW			ABANDONED
Harlingen, mun. (Tex)	3.5 NE	35	60h L5 S6	80,91 oct.Lgts prior req
Hunt (Portland, Tex)	2 WNW;bay S	35	16 S4	80 oct.
Indianola (Magnolia Beach)	2 SW;hwy 1 S	17	34 S1	80 oct.Emerg only.(Tex)
INTERNATIONAL Tower (Brownsville, Tex)	278 (126.18, 118.7)		C (ILS-W)	(4); 118.7,126.18,122.5 (8-24)
NEW FACILITIES				
Woods (Donna,Tex.)	0.9 E;RR S	88	25 S6	73,80 oct.Obst sur fld.
(P) Victoria Co (Tex)	5.5 WSW;hwy S	107	56h S6	80,91 oct.
Falfurrias (Tex)	0.7 SE;RR W	109	24 S1	80 oct.P-line NW. strips
Shary (Mission,Tex)	3.8 SE;rd W	135	37 S1	80 oct.P-line W,NW.Use
Pharr (Tex.)	1.8 S;hwy W	110	23 S8	80 oct.P-lines W,NW.

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(A) [International] (Brownsville, Tex)	4.5 E;hwy N	22	57h L6 S6	78-100 oct. ARPT OF ENTRY.100 oct.Army
Kenedy (Tex)	1.4 ESE;hwy N	270	15 S2	80 oct. Ctn.
* Kingsville Int,11,JI-FV (North) (Tex)	3.5 S;hwy W	58	26 L3	(Tex)
	3.5 ESE	47	61h	CLOSED.
Kingsville (South)(Tex)	3.5 SE	51	61h S4	80, 91 oct.
Lake Mathis (Mathis,Tex)	5 WSW;RR SE			ABANDONED.
La Laja (Dolores,Tex)	1.5 NNE;riv SW			ABANDONED
LAREDO Range (Tex)	206(LL)(116.1)	137°,3.1	SBRAZ-DTV	(4); 116.1,122.1
(P) [Laredo] (Tex)	3.5 NE;hwy, RR W	512	66h L5 S6	80,91 oct.Lgts on req. ARPT OF ENTRY.
Los Fresnos (Tex)	0.8 SSE;RR W	35	24 S6	80 oct.P-line W.
McAllen (Tex)	1.6 SSW;hwy E	115	29 S6	80,91 oct,Obst sur. fld,
Magic Valley (Mission)	1.5 SSW;lk W			ABANDONED
(A) Matagorda Island (Tex)(A)		7	40h	TMP INACT.NO FACS. 9 SSW Port O'Conner.
Matagorda-Peninsula (Matagorda, Tex)	6.5 E Port O'Conner	5	40h	
Mauldin (Brownsville,Tex)	4.4 NNW;RR W	22	35 S6	80,91 oct. Obst sur fld.
Mid-Valley (Weslaco,Tex)	1.7 NE;RR W	70	25h S4	80 oct.Canal N,E,S.
(P) Moore (Mission, Tex)	12 N;RR E	219	50h S6	80,91 oct.
" #1 (Mission,Tex)	10 N Edinb'g	80	40h	Hwy,RR W.
(A) " #3 (Mission,Tex)(A)	5 N LaGrulla	300	30h	CLOSED.
PALACIOS Range (Tex)	350 (UX)	118°,1.6	MLWZ	
Palacios (Tex)	2.7 WNW	13	50h S4	80 oct.
* Pawnee Int,22,JI-FV (Tex)	5 WNW	368	30 L3	
(P) Port Isabel (Tex)	10 NW	12	48h	
* Raymondville Int,5,JI-FV	3.5 NNE	34	29 L3	RR W. (Tex)
(P) Rockport (Tex)	See Aransas Co under "New Facilities" - name changed.			
RODD NAAS Tower (Tex)	(142.74)		CN	3105;142.74(during flgt
(N) Rodd NAAS (Corpus Christi, Tex) (N)	9.8 S;riv S	20	51h L5 S6	80,91,100 oct. opers.)
Rooke (Refugio, Tex)	3.2 WSW	46	26 S4	80 oct.P-line NE.
San Benito,2,JI-FV (Tex)	1.5 E;RR SW	31	26 L3 S6	80,91 oct, Bust SW.
Shary (Mission, Tex)	1 NW;RR E			ABANDONED
Sinton (Tex)	1.3 E	27	26 S6	80,91 oct.
Tanner Sea & Land Plane Base (Port Lavaca,Tex)	3 S;hwy S	12	22 S1	80 oct.
Travland (Beeville,Tex)	2 NW;RR E	225	19 S2	80 oct.P-line E,NE.
Waldron (Corpus Christi, Tex)	12 SSE;hwy NNE	25	50h	CLOSED.
Weisman (Kingsville,Tex)	2.5 NNE;RR S			ABANDONED
Wormser (Lardeo, Tex)	4 SE;hwy W			ABANDONED
Worsham (Taft,Tex)	0.8 ENE;hwy S	54	20 L S6	80 oct. Port lgts on req.

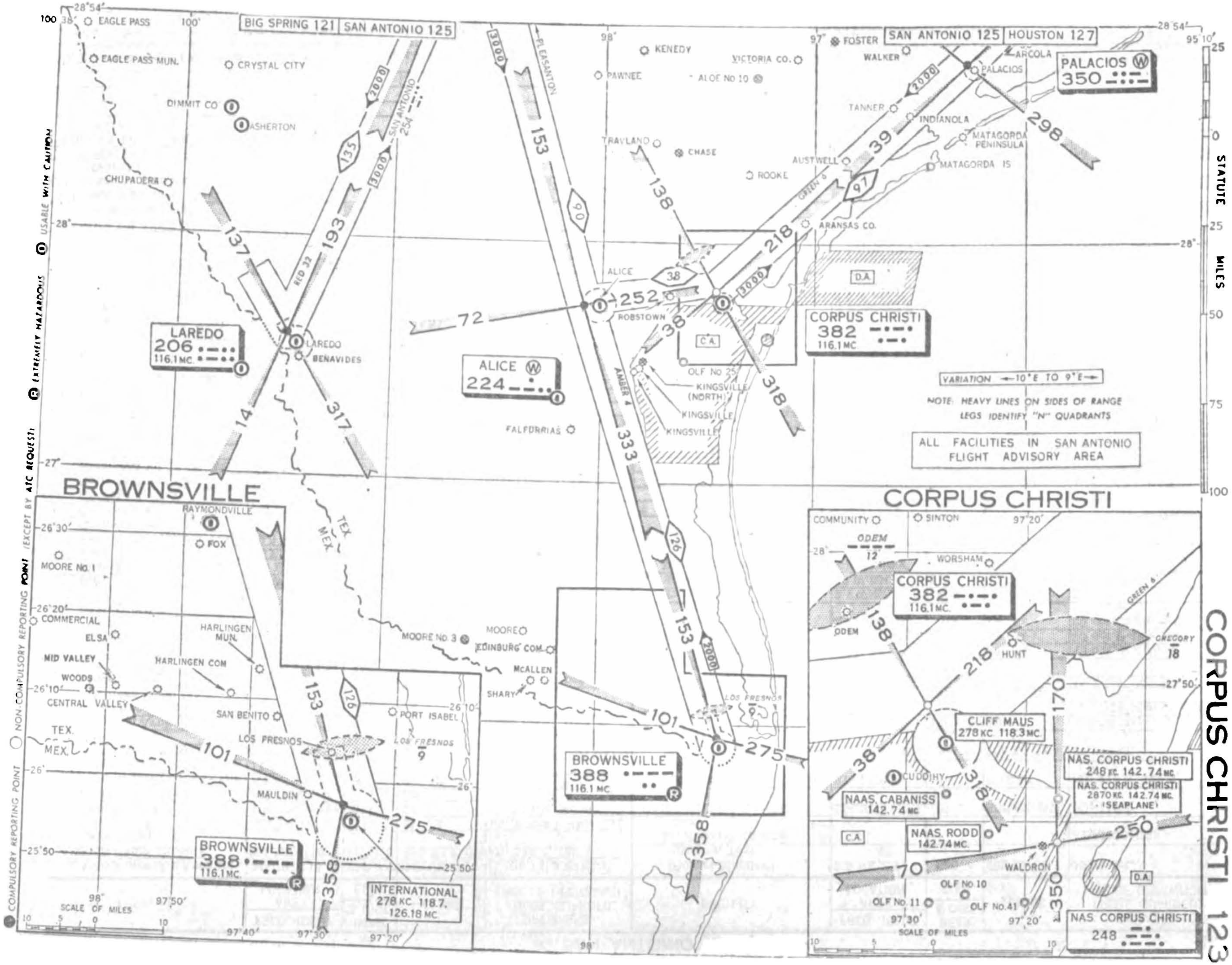
INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INTERNATIONAL	110.3	335	173°	IM-	MM- • - • - (0.66)	OM- - - (4.34)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES				
(P) Aransas Co (Rockport,Tex	4.3 N;bay W	22	45h	
Robstown Arpk (Tex.)	1 SW;RR S	83	16h	Rough. Use ctn. Cattle on fld.
Odem (Texas)	1.5 SSW;RR W	50	25 S1	80 oct.P-line W.PRIVATE.
Walker (Lolita,Tex.)	1.8 SSW;riv W	14	18 S2	80 oct.P-line N.
Edinburg (Tex)	2.8 W;hwy N,W	90	24 S6	73,91 oct.P-line W,N.
Benavides (Laredo,Tex)	4.3 E;RR N	545	25	Brush NW.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4496, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



CORPUS CHRISTI 123

SAN ANTONIO

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
ALAMO Range (San Antonio)	344(JR)(116.1)	174°,2.7	SMRLZ-DTV	(3);116.1,122.1(Tex.)
AUSTIN Range (Robert Mueller) (Tex)	281(XN)(116.1)	117°,1.8	SBMRLZ-DIV	(3); 116.1, 122.1
Bandera (Tex)	1.7 SE;riv N	1250	27 S6	80 ,91 oct.P-line ENE
Belton (Tex)	1.6 WSW;hwy N	511	21 S1	73, 80 oct. No sto.
BERGSTROM Tower (Tex)	396 (126.18)+		CA	(4); 126.18
(A) Bergstrom (Austin,Tex)(A)	7.5 SE;riv NE	515	65h L5 S6	73,100 oct.JP-1.
[Blackland#1](Waco,Tex)	11 WSW;RR S	575	55h	
(A) Bryan AAF (Tex) (A)	7 SSW;riv SSW	264	55h	TMP INACT.NO FACS
Burnet (Tex)	2 NE;RR W	1325	21 S1	80 oct.P-line SW.
Cameron Arpk (Tex)	1.7 N;RR W	402	29	Bldg NNE. Hwy W.
(A) Camp Hood Landing Field (Killeen, Tex) (A)	2 NE	920	36	CLOSED.
Coulter (Bryan, Tex)	4 NE;hwy NW	360	22 S6	80 oct. 5' fence SW.
Cuero (Tex)	3.1 N;riv 1 W	195	53 S6	80,91oct.Port lgts;prior req.
(P) Curtis (Brady, Tex)	3 N;hwy SE	1830	42 L3 S1	Ltd fuel
(P) Draughon-Miller (Temple, Tex)	5.5 NW;rd SW	675	54h L5 S1	80,91 oct. No flood lgts.Ctc lgts on req.
(P) Easterwood (College Station, Tex)	2.8 SW	320	52h S6	80 oct.
Eden (Tex)	1 NW;hwy E			ABANDONED
Edgerton (Cuero, Tex)	2.9 E;hwy SW			ABANDONED.
Edna (Tex)	1.5 ENE;RR NW			ABANDONED
Foster #4 (Victoria,Tex)	12.5 NNW	186	56h	lgts prior req
Garner (Uvalde, Tex)	2.7 E;hwy NW	930	17h L S6	80,91 oct, Port rnwy
(P) Georgetown (Tex)	3.3 N;hwy E	789	41h L5 S4	80, 91 oct.
Groesbeck (Tex)	1.5 E;hwy S	477	21 S1	73 oct.
Haile (Austin, Tex)	4.1 NE;RR NE	725	23 S6	80,91 oct.P-line E
* Hammond Int,16,GS-WC	2.5 SSE;RR W	393	30 L3	(Tex) SE.
Hearne (Tex)	0.8 SE;RR E	305	22 S1	80 oct.P-lines NE,E,
Hefner (El Campo, Tex)	1.5 WSW	104	41 L S6	80 oct. Port rnwy lgts.P-line NNE,SSW
(A) Hondo AAF (Tex) (A)	2.1 NW;RR S	929	61h	CLOSED.
KELLY Tower (Tex)	219 (126.18)+		CA	(3); 126.18
(A) Kelly (San Antonio, Tex) (A)	6.8 SW;RR NE	675	75h L5 S6	62,73,91,100 oct.JP-1. FOREIGN CLEAR.ST!
Killeen (Tex)	3.6 SE;RR NNE	833	33 S1	73 oct.Sign board N.
(P) Lampasas Co.(Lampasas)	6 NW;RR S	1480	42 S2	80 oct. (Tex)
(P) Llano Co. (Llano, Tex)	2.4 NNE	1029	40 S1	73 oct. Riv NE.
Louise (Tex)	1.6 E;RR W			ABANDONED
(P) Louis Schreiner (Kerrville, Tex)	See Kerrville Airport under "New Facilities" -name changed			
Mason Co. (Mason, Tex)	3.2 ESE;hwy N	1500	44	
Newland (Waco, Tex)	4.5 SSE	410	25 S6	80, 91 oct. RR NE.
RANDOLPH Army Range (San Antonio)(Tex)	359 (DRQ)	322°, 2.0	BMRLZ	(3)
RANDOLPH Tower (Tex)	272 (126.18)		CA	(3); 126.18
(A) Randolph (San Antonio, Tex) (A)	14.8 ENE;RR NW	760	70h L5 S6	91,100 oct.No sto.
Riesel (Waco, Tex)	10.5 SE	371	51	
ROBERT MUELLER Tower (Austin) (Tex)	272 (118.7)		C(ILS)	(4); 118.7,126.18,122.5 (7-23)

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
[Robert Mueller] (Austin, Tex)	3.5 NE;RR SW	620	46h L5 S6	80,91 oct.
St. Edwards (Austin, Tex)				ABANDONED.
SAN ANTONIO RANGE (Kelly) (Tex)	254(ZN)(116.1)	107°, 1.8	SBRAZ-DV	(4); 116.1
SAN ANTONIO MUN-ALAMO Tower (Tex)	278 (118.5)		C (ILS)	(4); 118.5, 122.5, 126.18
[San Antonio Mun.-Alamo] (Tex)	7.8 N;RR SE	800	55h L6 S2	80,91 oct.
SAN MARCOS Army Range	266 (DMS)	170°,4.2	MRLZ	V(6-18 Mon-Fri)
SAN MARCOS AAF Tower	317		CA	(3)(6-18 Mon thru Fri)
(A) San Marcos AAF (Tex)(A)	5 E;riv 1.4 W	596	63h L5 S1	73,91 oct.
* San Marcos Int, 31B, JI-FV (Tex)	See Thompson under "New Facilities" -name changed.			
Schulenburg (Tex)	2.2 N;hwy W	344	20 S4	73 oct. P-line W.
Scott (Gatesville, Tex)	1.8 E;hwy N	780	25 S1	80 oct.P-line NW.
Stephens (Marlin, Tex)	2 ESE;RR N, SSW	318	19 S2	80 oct.Cattle on fld. Pole W.
Taylor (Tex)	2.2 WNW;RR S	520	24 S4	73 oct.
White (Brady, Tex)	10 W;RR N	1550	73	CLOSED.
Woodson (Temple, Tex)	2 NNW;hwy SW	763	28h S4	80 oct.
YOAKUM H Fac (Int.)(Tex)	236 (YK)	352°, 2.8	HW	
* Yoakum Int,7,IR-HU(Tex)	5 NW;hwy S	387	39 L3	

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

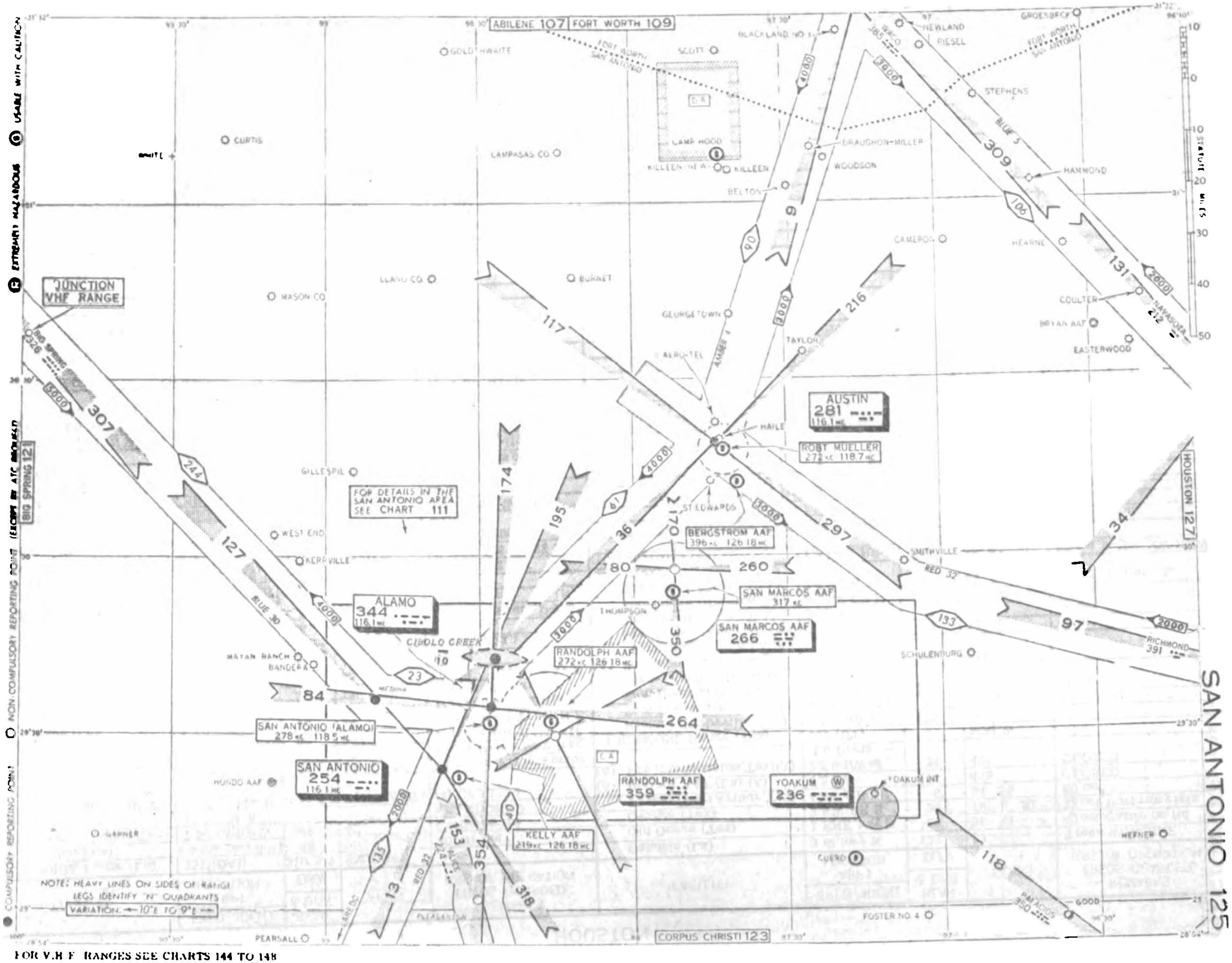
LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
ALAMO	109.9	333.8	30°	IM-	MM- •-•-• (0.68) OM- — — (4.38)
				MMK-	OMK-230 •— — —
ROBERT MUELLER	109.5	332.6	305°	IM-	MM- •— —(0.69) OM- — — (6.12)
				MMK-	OMK-

NEW FACILITIES

Edna (Tex,	See Good under "New Facilities"- name changed.			
Killeen-new (Tex)	1.6SE;RR,hwy N	833	25 S1	80 oct.
Smithville (Tex)	2,5 SE;lake NW	324	18 S1	80 oct. P-line ENE SW
(P) Kerrville (Tex)	5.8 SE;RR SW	1590	44h L5 S6	80,91oct No.f-lgts P-line
Good (Edna,Tex)	2 ESE;hwy S	60	18 S1	80 oct.
Mayan Ranch(Bandera,Tex)	0.7 W;riv N	1230	25 S2	80 oct Trees NNE,SSE,NW
St Edwards(Austin,Tex)	4 S;RR N	700	23 S4	80 oct
Aero-Tel(Austin,Tex)	7.5 N;plant 1 N	720	22 S6	80 oct Trees SSE,W .
Goldthwaite (Tex)	2.6 WSW;hwy NW	1500	35 S2	80 oct.P-line W.
Faust(New Braunfels,Tex)	2.5 NE;RR NW	720	44 S4	80 oct P-line SW,NW
West End(Kerrville,Tex)	1.9 NW;hwy SW	1645	20 S6	80 oct P-line SE,SSE
Gillespie(Fredericksb'g)	3.1 SW;hwy SE	1742	42 S3	80 oct. (Tex)
Thompson Site 31B,JI-FV (San Marcos,Tex.)	2 SE;riv NE	577	29 L3 S6	80,91 oct.Trees NE,ESE; SW.
Pearsall (Tex)	1.9 NNE;RR W	645	23 L S4	80 oct.P-line WNW.Port lgts on req.

RADIO: S–Simul. Range and Voice. W–Without Voice. Z–VHF Range Station Location Marker. (3)–3105, 4495, 6210 kcs. (4)–3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf)–Voice on 116.1 and 111.1 mcs. +–Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h–hard surfaced runways. L–Lighting facilities. S–Servicing (see page XIII) →New or revised data. [Jones]–Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



FOR V.H.F. RANGES SEE CHARTS 144 TO 148

HOUSTON

FACILITY	FREQ. IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS GUARDED. HRS OF OPERATION
ALEXANDRIA Range (La)	251 (DAI)	310°,5.7	SMRAWZ	
(P) Alexandria (La)	6 WNW;hwy 0 8 N	88	70h L5 S4	80, 91 oct
Angelina Co.(Lufkin,Tex)	7.5 SSW;RR W	288	42	Cattle on fld
Bay City (Tex)	2 SSW,RR N			ABANDONED
BEAUMONT Range (Jefferson Co)(Tex)	368(JU)(116.1)	160°,3.7	BMRLZ-DTV	(4),116.1,122.1
[Beaumont] (Tex)	6.8 W;bet RRs	31	34 L3 S6	73,80 oct Fld lgts prior
Carter Fly. Svc (Velasco,Tex)	0.8 NW,RR NE	10	27 S1	80 oct. P-line NNW req
Damon (Tex)	3 ESE;hwy WSW	60	22	4' fence sur fld WNW
De Quincy (La)	1.5 SW;RR NW	78	24	Cattle on fld Trees N,E
(P) De Ridder (La)	3.5 WSW;RR S	203	45h	Lgts on req to Ellington
(A) Ellington (Houston,Tex)(A)	15 SE;RR W	39	52h L5 S1	100 oct Airways or
→ Erwin-Newman (Houston, Tex)	5 SSW;hwy N	50	28 S6	80 oct Houston Arpt.
Eunice (La)	1.7 W,hwy N	45	35 S2	80 oct.
GALVESTON Range (Tex)	263(GS)(116.1)	125°,4.2	SBMRLZ-DTV	(4);116.1,122.1
Galveston (Tex)	3.5 WSW;gulf S	7	90h L5 S6	80,91 oct.
Gulf Coast (Texas City,Tex)	2.8 WNW;hwy N	8	23 S6	Ltd 80 oct. No sto. P-line
HITCHCOCK Tower (Tex)	3295		CN	3105 (days) N.
(N) Hitchcock NAF (LTA)(N)	2.3 SW;RR ENE	20	20h	(Tex)
HOUSTON Range (Tex)	322(HU)(116.1)	309°,2.2	SBRAZ-DTV	3);116.1,122.1
HOUSTON Tower (Tex) [Houston] (Tex)	(278)(126.18,118.5) 9 SSE;hwy W	50	AC (ILS) 47h L6 S6	(4);118.5,126.18,122.5 73,80,91,100 oct. P-line W,
Humphrey (Goose Creek)	4 NNE;RR E	34	24	P-line NW,W (Tex)
Jackson (Cypress,Tex)	4 SE;hwy S	145	25 S6	80 oct
(P) Jefferson Co.(Beaumont, Tex)	9.8 SSE;hwy NE	15	51h L5 S4	80,91,100 oct Rnwy etc lgts on req
Jennings (La)	1.4 NNW;RR SW	20	32 S4	80,91 oct. P-line E
LAKE CHARLES MUN Range	242(LC)(116.1)	340°,2.5	SBRAZ-DTV	(4),116.1,122.1
LAKE CHARLES Tower (La)				DECOMMISSIONED
(A) [Lake Charles Mun.](La)	4 ESE;RR NE	17	63h L5 S6	80,91 oct.,73,91,100 oct
Lake Charles (La)	5.2 SSW;hwy N			JP-1 for Army. ABANDONED
Lake Jackson (Freeport)	9.5 NW;hwy E			ABANDONED
Lamar (Beaumont, Tex)	4 SE;riv NE	17	22 S4	80 oct. No sto. P-line N,S.
→ Le Gros Memorial (Crowley, La)	6.5 WSW;RR N	16	43h L5 S2	80,91 oct.
Lufkin (Tex)	2 NW;hwy N	315	31 L1 S6	73,80 oct.
Madisonville Emerg.(Tex)	0.8 NW;hwy E	400	18	
Main Street (Houston,Tex)	6.5 SSW;hwy SE	50	22 S6	80 oct.
McArthur (Alexandria,La)	2.8 W;hwy E,N	86	26 S4	80,91 oct Trees N,S. Rnwy
Minor Stewart (Houston)	10 S;RR W	58	20 S6	80 oct. (Tex) data unver.
(P) Montgomery Co. Arpk. (Conroe, Tex)	3.5 NE;hwy W	245	46h L5 S6	80,91,100 oct. No flood lgts. Rnwy lgts prior req.
NAVASOTA Range (Int.)(Tex)	212 (NT)	180°,1.4	MRLW	
* Navasota Int,10,GS-WC (Tex)	2.5 ENE; RR NNW	331	30 L3	
(A) No.Camp Polk Land.Strip	6 NE	340	14h	(Camp Polk, La) (A)
No. Lake Charles (Lake Charles, La)	10 N;hwy N	17	50	
Oakdale (La)	3 W,hwy N	123	27	Trees WSW,ENE
Old Ocean (Tex)	1 ENE;hwy N	60	35 S1	80 oct. Cattle on fld
Orange (Tex)	2.6 W,RR S	20	18 L S1	73 oct Port rnwy lgts
Parker (Port Arthur,Tex)	4 NW;RR NE	6	34 S6	80 oct.
(A) Pollock AAF (La) (A)	4.5 SW	211	45h	CLOSED.
(A) Preston (Houston,Tex)(A)	2.5 WNW of La Porte	34	40	CLOSED.
RICHMOND Range (Tex)	391 (UT)		MRLW	
Richter (Kirbyville,Tex)	1.5 S;RR E	175	16	
Sam Houston (Houston,Tex)	10.5 SW,RR S	60	30 S6	73, 80 oct.
Sam Houston State College (Huntsville, Tex)	2.5 NW;RR E	401	24 S2	80 oct.
(A) So Camp Polk Landing Strip (Camp Polk,La)(A)	Adj E	300	21h	
Sky Harbor (Anahuac,Tex)	0.3 S;hwy N	24	22 S1	80 oct.
Skyport (Houston, Tex)	5 S;hwy N	46	32 S4	80 oct.
Sportsman (Houston,Tex)	6 ENE;RR N	60	30 S4	80 oct.
Tri-Cities (Goose Creek, Tex)	2.6 N;RR E	25	24 S2	80 oct P-line SE
(P) Wharton (Tex)	1.8 ENE;RR N	100	45 S4	80 oct. P-line NW,NNW

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

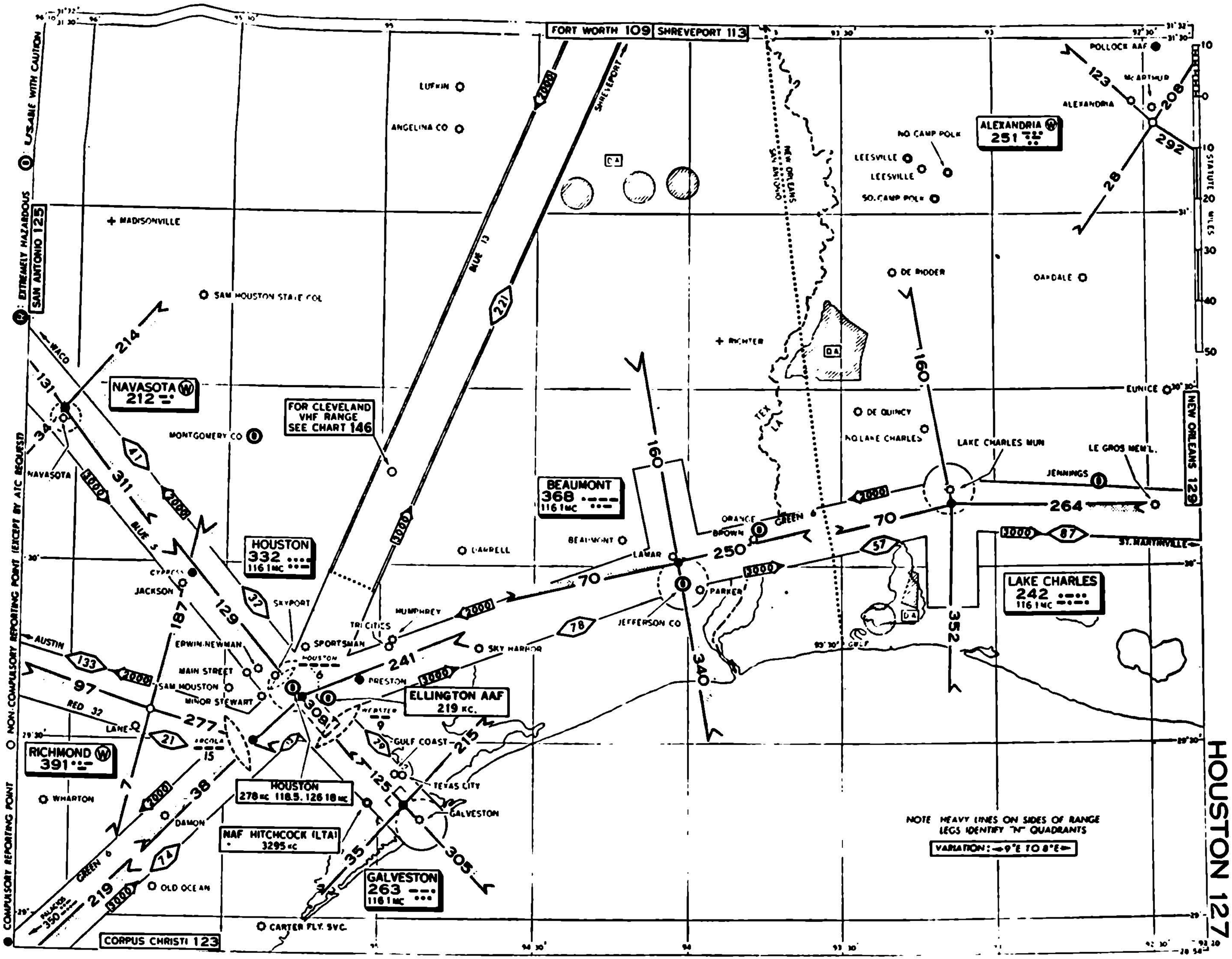
LOCATION	LOCALIZER	G.P.	APPR BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
HOUSTON	109.9	333.8	35°	IM-	MM-•—•—(0.66)	OM- — —(4.78)	
					MMK-	OMK-	
				IM-	MM-	OM-	
					MMK-	OMK-	

NEW FACILITIES

CLEVELAND Range(Tex)	109.1(CL)		VARW	
Brown (Orange,Tex.)	3.6 WSW;hwy SE	20	47 S4	80,91 oct. No sto. F-line SE.
Darrell (Liberty,Tex)	4.3 ESE;RR,hwy N	30	29 S1	80 oct. F-line N
Lane (Rosenburg,Tex)	2.5 SE	106	25 S2	80,91 oct. NNW
Texas City (Tex)	1.8 NNW	8	34 S4	80 91 oct. F-line NE.
→ ELLINGTON Tower (Houston,Tex.)	219		CA	4495;126.18
Leesville (La)	2 E,hwy N	150	12 S1	80 oct.

RADIO: **S-Simul.** Range and Voice. **W** - Without Voice. **Z** - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ **A.A.C.S. Scheduled** Broadcast on 6765 kcs. **(First Figure** is Scheduled time, **Second Alternate time)**

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.


FORT WORTH 109
SHREVEPORT 113
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
SAN ANTONIO 125
LUFKIN
ANGELINA CO
MADISONVILLE
SAM HOUSTON STATE COL
WACO
214
131
NAVASOTA
212
34
MONTGOMERY CO
FOR CLEVELAND VHF RANGE SEE CHART 146
41
311
BLUE 5
3000
NAVASOTA
HOUSTON
332
116.1 MC
CYPRESS
JACKSON
187
129
37
SKYPORT
AUSTIN
133
97
RED 32
LANE
277
21
ARCOLA
15
RICHMOND
391
WHARTON
7
38
DAMON
14
219
GREEN 6
OLD OCEAN
PALACIOS
350
CORPUS CHRISTI 123
BLUE 13
221
SHREVEPORT
CA
MADISONVILLE
SAM HOUSTON STATE COL
RICHTER
BEAUMONT
368
116.1 MC
CAMPBELL
BEAUMONT
TRI CITIES
HUMPHREY
SPORTSMAN
SKY HARBOR
78
JEFFERSON CO
HOUSTON
6
MAIN STREET
SAM HOUSTON
MINOR STEWART
PRESTON
ELLINGTON AAF
219 RC.
WEBSTER
9
GULF COAST
29
215
TEXAS CITY
HOUSTON
278 RC 118.5, 126.1 8 MC
NAF HITCHCOCK (LTA)
3295 RC
GALVESTON
263
116.1 MC
CARTER FLY. SVC.
GALVESTON
308
125
35
305
241
ERWIN-NEWMAN
ARCOLA
15
NEW ORLEANS CENTER
NO CAMP POLK
LEESVILLE
LEESVILLE
SO. CAMP POLK
ALEXANDRIA
251
DE RIDDER
OAKDALE
EUNICE
DE QUINCY
NO LAKE CHARLES
TEX LA
160
LAKE CHARLES MUN
LE GROS MEM'L.
JENNINGS
ORANGE
BROWN
GREEN
LAMAR
PARKER
250
70
264
57
87
ST. MARYSVILLE
LAKE CHARLES
242
116.1 MC
352
340
GULF
POLLOCK AAF
MCARTHUR
ALEXANDRIA
123
208
292
28
NEW ORLEANS 129
NOTE HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: 9°E TO 8°E
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
HOUSTON 127

NEW ORLEANS

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS OF OPERATION
(N) **Alvin Callender (New** Orleans, La)	9 SSE;RR E	4	50h L5 S4	73,80,91 oct
BATON ROUGE Range (La) (Harding)	347 (RX)	119°,3.4	MRLWZ	
Bogalusa (La)	2.4 N;RR E	100	35 S6	80,91 oct. No sto. Poles S.
Chapman (New Orleans, La)	8.5 NE;lake N			ABANDONED
* Covington Int,3,NO-LS (La)	6 NNE;hwy W	77	27 L3	Pole line W.
* Donaldsonville Int, 26. HU-NO (La)	3 ENE;hwy W	18	40 L3	Levee W. Closed ngts.
East Baton Rouge Parish (Baton Rouge, La)	4 E;hwy N,E	56	31 S4	80,91 oct. P-line S.
← Ellisville (Miss)	1.3 SW	240	18	Trees all appchs.
(A) Esler (Alexandria, La) (A)	11 NE;Bayou S	108	45h	CLOSED
False River (New Roads, La)	1.6 WSW; lk S	30	30 S1	80 oct.
Ferriday (La)	1.5 N;RR,hwy E	55	17	fld,
Girard (Lafayette, La)	2.5 NW;hwy E	39	26 S4	73,80,91 oct. Obst sur
Glendale (Hattiesburg, Miss)	5 NNW;hwy E	200	26 S4	80 oct. Trees sur fld.
Grand Isle (La)	2.6 NE;hwy NW	4	22	
(P) Gulfport Mun (Miss)	3 NE;bayou N	27	70h S4	80 oct.
Gulfport Mun (Old) (Miss)	1.3 N;RR E	30	24	
(P) Hammond	2 ENE;RR S	40	50h L5 S1	80,91 oct. Lgts prior req.
(P) [Harding] (Baton Rouge, La)	5.5 N;riv 1 W	70	60h L5 S4	80,91,100 oct.
← Harry P. Williams Memorial (Patterson, La)	2 WNW;hwy NW	9	32 L2 S4	80 oct. Trees NW.
(A) Hattiesburg AAF (Miss) ← (A)	5 SSE;RR SW, NE	145	43h	Poles W,NW. CLOSED.
(N) Houma NAS (LTA) (La) (N)	3.1 ESE;RR NE	11	50h	NAVY TEMP INACT.
Iberia Parish (New Iberia, La)	5 NW;RR NE	27	40h L5 S6	73-91 oct.
Joseph H. Sharpe (Natchez, Miss)	See Sharpe Airport under "New Facilities" - name changed			
KEESLER Army Range (Miss)	221 (DOX)	210°,2.9	BMRLZ	(4); 4220
KEESLER Tower (Miss)	201 (126.18)		CA	(4); 4220
(A) Keesler (Biloxi, Miss) (A)	2 WNW;bay N	26	66h L5 S5	100 oct. Rdo rqrd ngts
K-P (Covington, La)	1.6 NW;hwy adj	27	18 S2	80 oct. P-line E.
LAFAYETTE H Fac. (La)	227 (UG) (116.1)		MHTV	(4); 116.1,122.1
Lafayette (La)	1.5 SE;RR W	40	50h L5 S5	80 oct. P-line S. Fld lgts on req.
Laurel (Miss)	3 SW;RR SE	231	55h L S6	80,91 oct. Lgts in emerg.
McComb (Miss)	1.3 NW	460	21 L3 S6	80, 91 oct. No bcn. Bndry lgts prior req. Obsts sur field.
McLaurin (Miss)	1 NNE;RR E			ABANDONED.
Menefee (New Orleans, La)	See Meraux-Neunez Arpk under "New Facilities" - name changed.			

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
MOISANT Tower (La) [Moisant International]	278 (118.3, 126.18)		C (ILS)	(4); 122.5,118.3,126.18
(N) (New Orleans, La)	11 W;riv 1 S	3	70h L6 S4	91,100 oct.
(P) Natchez (Miss)	7.1 ENE;RR S	271	50h	
NEW ORLEANS Range (La) (Moisant)	338(NO)(116.1)	271°,3.2	SBRAZ-DTV	(3);116.1,122.1
NEW ORLEANS Tower (La) (NG) New Orleans (La)	382 (126.18)		CA	(4); 126.18
	6.5 NNE;RR S	8	40h L4 S4	91,100 oct.; 80-100 oct, 1-ech main NG.
NEW ORLEANS NAS Tower (N) New Orleans NAS (La) (N)	323 (142.74)		CN	(3); 142.74 (8-sunset)
(P) Opelousas (La)	4.6 N; on lake	7	34h S1	100 oct. Twr NE.
Picayune (Miss)	1.5 NE	35	18	Data unver.
	2.3 NNE;hwy W	92	19 S4	80 oct. P-line W
Pike Burden (Baton Rouge, La)	5 SE	35	50 S1	80 oct. Data unver.
Texaco (New Iberia, La)	2.6 N;hwy W			ABANDONED
* Tylertown Int,7,NO-LS (Miss)	6 SE;rd E	393	40 L3	
Ulmer (Brookhaven, Miss)	1.5 NNE;RR W	500	24 S4	73,80 oct. No sto. P-line W
Winnsboro (La)	1.2 ESE;RR SW	80	22 S1	80 oct.

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

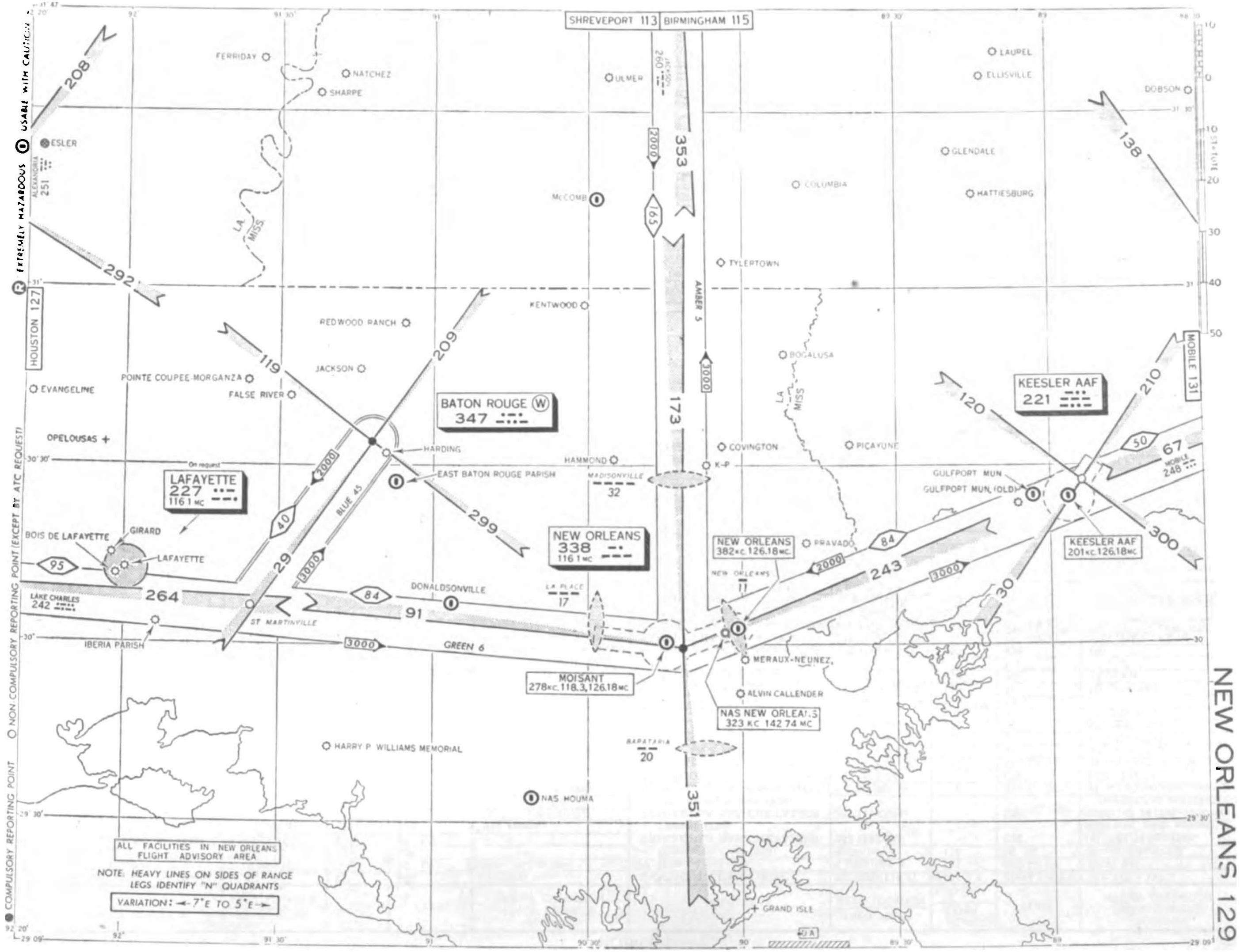
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MOISANT	109.9	333.8	99°	IM- ·····(0.05)	MM- ·-·-· (0.67)	OM- – – (3.92)
				IM-	MMK-	OMK-254 ·–··
					MM-	OM-
				IM-	MMK-	OMK-
					MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Pravado (Slidell, La)	1 W;hwy N	9	18 S1	80 oct
Kentwood (La)	0.4 N	100	15 S2	80 oct
Dobson (Bucatunna, Miss)	1 N;hwy W	185	22 S2	80 oct. Trees ENE,SSE,
Sharpe (Natchez, Miss)	1.8 ESE;RR S	27	26 S4	80 oct. N,W blkd NNW
Meraux-Neunez Arpk (New Orleans, La.)	5.2 E;riv S	1	25 S6	80 oct. P-lines S.
Bois de Lafayette (Lafayette, La)	2 SSW;bayou N	39	20	
Point-Coupee-Morganza (Morganza, La)	0.1 S;RR S	35	21	
Redwood Ranch (Wilson, La)	2 SSE;RR .5 E	256	21 S1	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
♦ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.



NEW ORLEANS 129

MOBILE

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
(A) Alliance #4 (Marianna,Fla)(A)	14 SE	215	50h	CLOSED
Andalusia (Ala)	1.7 S;hwy W	340	18 S6	80 oct. P-line NW.
(P) Apalachicola (Fla)	2 W;RR N	19	53h	
★ Atmore Int,16,NO-AG (Ala)	6 NW;at rd int.	287	31 L3	
(N) Bagdad OLF (Pensacola,Fla)(N)	14 NE;RR SE	111	18h	Use rnwys.
BARIN NAAS (EAST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-East (Foley,Ala)	2.7 ESE	51	41h	CLOSED (N)
BARIN NAAS (WEST) Tower (Ala)				DECOMMISSIONED.
(N) Barin NAAS-West(Foley,Ala)	2.7 ESE	72	34h	CLOSED (N)
(A) Bascomb (Fla) (A)	3.5 NE	120	50h	CLOSED.
← [Bates] (Mobile, Ala)	10 W;rd N,S	217	50h L5 S6	80,91 oct No flood lgts; ctc lgts on req.
(P) Brewton (Ala)	3.5 S;riv N	92	40h	Cattle on fld.
Brewton (old)(Ala)	2.5 N;hwy E			ABANDONED
(N) Bronson NAAS (Pensacola,Fla)	12 WSW;bay W	27	44h	CLOSED (N)
BROOKLEY Tower (Mobile,Ala)	281 (126.18)+		CA	(4); 126 18
(A) Brookley (Mobile,Ala) (A)	3 SSW;RR NW	26	89h L5 S4	62,73,100 oct. IF-1.
(N) Canal OLF (Foley,Ala)(N)	8 S;rd W	16	36h	FOREIGN CLEARING STN.
Carabelle Flgt Strip (Fla)	2.6 W;hwy S	20	40h	NNW
Chastain's (Prichard, Ala)	2.5 NW;hwy E	50	19 S6	80 oct. SSE blkd. Trees SW
Chipley (Fla)	3.2 SE;RR N	100	26 S6	80 oct. S blkd. Trees N.
(N) Choctaw OLF (Pensacola,Fla)	15 ENE	111	40h	(N)
City Air Park (Panama City)	2.5 N	40	26 S6	80,91 oct Data unver (Fla
CRESTVIEW Range (Fla)	350(HW)(116.1)	263°, 2.6	SBRAZ-DTV	(4);116.1,122.1
Crestview, 21, NO-JX (Fla)	2.5 N;RR E	274	32 L2 S6	80 oct.
Davis (Mobile, Ala)	15.5 SW;bcn N	180	17 S6	80 oct.
De Funiak Springs (Fla)	1 W;hwy N	197	25 S6	80 oct Obst sur fld.
Donalsonville (Ga)	1.5 S	150	40h	
DOTHAN Range (Ala)	233(NI)(116.1)	47°, 3.7	SBRAZ-DTV	(4); 116.1
[Dothan] (Ala)	3 WNW;hwy SE	330	40h L5 S6	80,91 oct No sto. No flood lgts
→ EGLIN Army Range (Fla)	209 (DVQ)	175°, 3.6	BMRLPZ	Range cont.; (3); 126.18 (6-24)
→ EGLIN Tower (Fla)	278 (126.18)+		CA (GCA)	(3); 126 18 (6-24)
(A) Eglin (Valparaiso,Fla)(A)	1.8 SW;hwy SE	71	80h (L5) S4	73,100 oct JP-1 No sto.
(A) " #1 " (A)	13.7 NNE	238	40h	
(A) " #2 " (A)	6.1 NNE	157	40h	
(A) " #3 " (A)	10 N	192	40h	
(A) " #4 " (A)	6.2 W	92	42h	
(A) " #5 " (A)	10 NW	178	40h	
(A) " #6 " (A)	18.2 WNW;riv NW	136	40h	
(A) " #7 " (A)	19.5 W	133	40h	
(A) " #8 " (A)	10.3 ENE	113	50h	
(A) " #9 " (A)	13.7 WSW	35	50h	
Ellis (Marianna, Fla)	9.5 N;riv W	116	50h	CLOSED
(N) Ellyson NAAS (Pensacola,Fla)	7.5 NNE;bay E	115	38h	CLOSED (N)
Enterprise (Ala)	0.5 N;hwy W	355	23 S6	80 oct. Trees W,SW.
(N) Faircloth OLF (Lillian,Ala)(N)	3 NW;bay E	70	34	All apchs partly blkd.
Geneva (Ala)	2.4 NW;hwy S	88	23 S4	80 oct RR S
Gulf Airpark (Pensacola,Fla)	See Airpark (Pensacola, Fla.) under "New Facilities"-name changed.			
Headland (Ala)	2 NE;hwy N	350	48	
(N) Helm OLF (Pensacola,Fla)(N)	12 NW			ABANDONED.
(N) Holley OLF (Fla) (N)	1.5 S;riv N	37	36h	
Jackson Co. (Pascagoula,Miss)	3.5 ENE	16	45h S6	80,91 oct.
(N) Kaisers Tract OLF (Elberta, Ala) (N)	3.3 ENE;hwy S	90	20	Trees NE,S,W
Luverne (Ala)	1.7 NNW;hwy SW	300	20 S4	80 oct. P.line W.E blkd.
(N) Magnolia OLF (Foley,Ala)(N)	5.4 NW	83	29h	
(A) Malone #2 (Marianna,Fla)(A)	15.5 N	154	50h	CLOSED.
(P) [Marianna](Fla)	6 NE;hwy E	112	50h L5 S6	80,91 oct.
(P) Middleton (Evergreen,Ala)	6 WSW;hwys 3 E	258	40h L1	
(P) Milton "T" (Fla)	3.5 ENE;RR S	150	53 S6	80 oct. E,S,W blkd.
MOBILE Range (Ala)(Brookley)	248(MS)(vhf)	138°,3.2	SBRAZ-DTV	(3);116.1,122.1
(P) Napier (Dothan, Ala)	7.5 NW;RR S	397	45h	
(A) Ozark AAF (Ala) (A)	12 SSW	305	46h	TMP INACT.NO FACS.
Panama City (Fla)	5 NW ;bay W	4	19 S4	80,91 oct.

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV.	CLASS	REMARKS FREQS. GUARDED, HRS. OF OPERATION
PENSACOLA Range (Fla)	326(KH)(116.1)	340°,2.1	SBRAZ-DTV	(4); 116.1,122.1
(P) [Pensacola] (Fla)	4 NNE;bay E	121	50h L5 S6	80,91 oct.
← Pensacola Arpk (Fla)	4 NW;hwy E	110	34 S1	80 oct. Allway fld.
PENSACOLA NAS-CHEVALIER Tower (Fla)	383 (142.74)		CN	(4); 142 74 (sunrise-30 min. after sunset)
PENSACOLA NAS-CHEVALIER (Seaplane) Tower (Fla)	2870 (142.74)		CN	3105;142 74 (730-1630 except Sat,Sun,and holidays)
(N) Pensacola NAS-Chevalier(Fla)	5.3 SW;RR W	9	26h L S6	91 oct Flood,obst lgts.(N)
PENSACOLA NAS-CORRY Tower	341 (142.74)		CN	3105; 142.74
(N) Pensacola NAS-Corry (Fla)(N)	5 WSW;hwy SE	32	43h L4 S6	91 oct Obsts N,E,W.
(N) " OLF #1 (N) (Fla)	14 NW;riv 3 W	100	46	ABANDONED.
(N) " OLF #5 (N)	10 NNW;RR W	115	57	ABANDONED.
(N) " OLF #6 (N)	10 NNW;RR E	110	48	ABANDONED
(N) " OLF #7 (N)	7 NW	103	37	ABANDONED.
(N) " OLF #8A (N)	13 NW	100	73	
(N) " OLF #9K (N)	11.5 NNW;RR E	110	50	ABANDONED.
(A) Reynoldsville (Ga) (A)	0.9 SSW	110	30h	CLOSED.
(N) Santa Rosa OLF (Milton,Fla)	6 E;rivs N,S,W	150	45h	(N)
SAUFLEY NAAS Tower (Fla)	275 (142.74)		CN (GCA)	3105,4495; 142.74
(N) Saufley NAAS (Pensacola,Fla)	8.5 WNW;bay SW	85	61h L5 S4	100 oct. NATS. (N)
(N) Silverhill OLF (Ala) (N)	3.5 WNW	129	30h	
Skyland (Panama City,Fla)	Within city W	12	20 S6	80 oct No sto. P-line S.
Southern Airmotive (Dothan)	2 SE;hwy SW			ABANDONED.
(N) Spencer OLF (Pensacola,Fla)	15 NNE;bay S	145	18h	(N)
(N) Summerdale OLF (Ala) (N)	3.5 ENE;RR W	129	29h	CLOSED
TYNDALL Army Range (Fla)	203 (DKE)	313°, 2.8	MRLZ	(3); 126.18 (V, 6-24)
TYNDALL Tower (Fla)	272 (126.18)		CA	(3); 126.18 (6-24)
(A) Tyndall (Panama City,Fla)(A)	8 SE;Gulf SW	16	61h L5 S6	73,91,100 oct.
WHITING Navy Range (Fla)	524 (AWT)	130°, 3.2	MRLWZ	
WHITING NAS-NORTH Tower	269 (142.74)		CN	3105,4495; 142.74 (Fla)
(N) Whiting NAS-North (Milton,Fla)	6 N	200	60h (L6) S4	73,91,100 oct. (N)
WHITING NAS-SOUTH Tower				DECOMMISSIONED
(N) Whiting NAS-South (Milton,Fla)	5 N	178	60h	Use N Fld.INACTIVE.(N)
(N) Wolf OLF (Elberta,Ala). (N)	5.8 SE	54	30h	

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

BATES tower(Ala)	317(118.9)	C		(4);118.9,122.5 prior req.
Flomaton (Ala)	2 NNE;RR E	240	16 L S4	80 oct. P-line W.Strip lgts
Hutchinson's Avia Port	9 5 WNW	10	19 S4	80,91 oct. P-line S(Panama
Sandpiper(Port St Joe,Fla)	1 E	20	22 S6	80 oct City,Fla.)
Headland (Ala)	2 ENE;hwy NW	350	48 S1	80 oct.
Oak (Foley,Ala.)	6 S;riv W	35	20 S6	80 oct. Trees E.
McKee (Jackson,Ala)	1.1 N;hwy E	60	17 S2	80 oct. S blocked.
Robertsdale (Ala)	1.3 E;RR W	142	19 S4	80 oct. P-line E.
Airpark (Pensacola,Fla.)	4.5 WNW;hwy SW	70	20 S1	80 oct.
Edwards (Pensacola, Fla.)	3 W;RR W	70	30 S6	80 oct.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs.
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.
◆ A A C S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)
→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED.
Airports are indented and non-capitalized.

BIRMINGHAM 115 | ATLANTA 117

NEW ORLEANS 129

MOBILE 131

JACKSONVILLE 133

MOBILE 248 111.1,116.1 MC

NAS. WHITING 524

NAS WHITING (NO) 269 KC 142.74 MC

CRESTVIEW 350 116.1 MC

DOTHAN 233 116.1 MC

PENSACOLA 326 116.1 MC

EGLIN AAF 209

EGLIN AAF 278 KC 126.18 MC

BROOKLEY AAF 281 KC 126.18 MC

BATES 317 KC 118.9 MC

NAAS SAUFLEY 275 KC 142.74 MC

NAAS BARIN (WEST)

NAAS BARIN (EAST)

NAAS ELLYSON

NAAS BRONSON

NAS. PENSACOLA - CORRY 341 KC 142.74 MC

NAS. PENSACOLA - CHEVALIER 382 KC 142.74 MC

SEAPLANE 2870 KC 142.74 MC

TYNDALL AAF 272 KC 126.18 MC

TYNDALL AAF 203

OLF'S TO NAAS BARIN

+10 CANAL

+11 MAGNOLIA

+12 SILVERHILL

OLF'S TO NAAS BRONSON

+13 KAISER

+14 WOLF

+15 FAIRCLOTH

OLF'S TO NAAS ELLYSON

+16 BAGDAD

+17 SPENCER

OLF'S TO NAS WHITING

+18 HOLLEY

+19 SANTA ROSA

+20 CHOCTAW

VARIATION: 5°E TO 3°E

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS

● COMPULSORY REPORTING POINT ○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

Ⓔ EXTREMELY HAZARDOUS Ⓤ USABLE WITH CAUTION

STATUTE MILES 0 10 20 30 40 50

JACKSONVILLE

FACILITY	FREQ., IDENT / ARPT LOCATION	BEAR & DIST / ELEV	CLASS	REMARKS FREQS. GUARDED, HRS OF OPERATION
ALBANY Range (Ga) (Turner Aux. Field #1)	254(GY)(116.1)	298°,2.3	BMRLZ-DTV	(4): 116.1.122.1 (DTV stn lctd at Albany Arpt)
[Albany] (Ga)	4 SW;RR N	196	49h L5 S6	80,91 oct.
ALMA Range (Ga)	242(AJ)(116.1)	144°,2.2	SBRAZ-DTV	(4); 116.1, 122.1
Alma Site 43,MM-AG (Ga)	2.5 W;hwy N	200	43 L3 S1	80 oct.P-line NW
Ashburn (Ga)	1.5 SE;RR,hwy W	430	18 S2	80 oct
(A) Babcock (Boykin,Ga) (A)	3.5 ENE	145	30h	CLOSED
Bainbridge (Ga)	7 NNW;RR NE	141	50h S6	80 oct.
(A) Bemiss #3 (Valdosta,Ga)(A)	12 NE;hwy SE	198	50	TMP INACT.NO FACS
(N) Bostwick OLF (Fla) (N)	1 NW;RR E	53	34	CLOSED
Bowser (Baxley, Ga)	2.5 S;hwy W;RR N	205	21 S1	80 oct.
Bradenton (Fla)	0.5 S;RR NE	20	24 S1	80 oct Trees W;poles SW
(N) Branan OLF (Jacksonville,Fla)	14.5 SW	73	40h L	B-2 lgts (N)
BRUNSWICK H Fac. (Ga)	230 (BS)(116.1)		MHTV	(4), 116 1, 122 1
Brunswick Arpk (Ga)	2.5 NNE;RR W	14	26 S2	80,91 oct Trees NE
Bunnell (Fla)	3.3 E	34	50h	
Cairo-Grady Co. (Ga)	3.3 ENE	245	21	Trees SW,W
Camilla (Ga)	2.2 WSW;hwy N	180	39 S4	80,91 oct
CECIL NAAS Tower (Fla)	201 (142 74)		CN	3105;142 74 (Flying hrs)
(N) Cecil NAAS (Jacksonville,Fla)(N)	16 WSW;hwy NW	80	50h L5 S4	100 oct Trees sur fld
Civil Air Patrol (Waycross,Ga)	2.6 WSW;RR N	140	22 S6	80 oct
Commodore Decatur (Bainbridge)	2 WNW;hwy N	103	40h S1	80 oct (Ga)
Conway Arpk (Starke, Fla)	1 W;RR E	165	20 S1	80 oct Obsts sur fld.
Cook County (Adel, Ga)	1.3 W;hwy N,S	220	40h S6	80,91 oct SW blkd
Craig (Jacksonville, Fla)	9 E;riv N	41	40h L5 S6	80,91 oct
CROSS CITY (AAF) Range (Fla)	269(FC)(116.1)	315°,2 7	SBMRAZ-DTV	(4); 116 1, 122 1
(A) Cross City AAF (Fla) (A)	1 SE;RR SW	42	50h L4	CLOSED
DALE MABRY Tower (Fla)	281 (118.3,126.18)		C	(4), 126.18,118 3,122.5
(P) [Dale Mabry](Tallahassee,Fla)	3 W;RR S	70	53h L5 S6	80,91 oct.
Darien (Ga)	0.8 SE;riv S	30	14 S1	Ltd 80 oct. Trees W.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°,2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach] (Fla)	2.8 SW;hwy S	34	41h L5 S6	80,91 oct.Ctc & rnwy lgts
(P) Fernandina (Fla)	4 S;ocean E	15	52h S6	80 oct.] on req.
Fitzgerald (Ga)	2 SSW;RR W,E	365	21 S4	80 oct Trees SSW.
(N) Flemings Island OLF (Jacksonville, Fla) (N)	17 SSW	23	40h L	B-2 lgts
* Folkston Int,37,MM-AG (Ga)	0.7 WNW;hwy E	82	20 L3	P-line NE,SW,NW
[Gainesville Mun.] (Fla)	4.5 NE;RR W	155	50h L5 S4	80,91 oct Lgts prior req
GLYNCO NAF Range (Ga)	520(NEA)	239°,0.3	MRLZ	3105,6390 (V-0730-16)
GLYNCO NAF Tower (Ga)	317 (142.74)		CN	3105,4495;142 74(0730-16
(N) Glynco NAF (LTA)(Ga) (N)	6.4 N Brunswick	25	38h L1 S4	91,100 oct Hwy SE
(A) Harris Neck AAF (Ga) (A)	7 E S.Newport	22	54h	CLOSED
Hart (Jacksonville, Fla)	6.5 W;RR S	20	40 S6	80,91 oct.Trees sur fld.
Homerville Flight Strip (Ga)	1.7 NW;hwy NE	185	40h	
Hurst (Live Oak, Fla)	2.5 SW;rd NW	105	26 S6	80 oct P-line N,NW.
Jacksonville Mun. #3 (Fla)	9 SW;hwy adj	87	40h S2	80,91,100 oct on req.
JACKSONVILLE Range #1 (Fla)	344(JX)(116.1)	269°,1.7	SBRAZ-DTV	(3); 116 1, 122 1
JACKSONVILLE #1 Tower (Fla)	278 (126.18,118.5)	AC	(ILS)	(4); 122.5,126 18,118.5
(P) [Jacksonville #1] (Fla)	6.3 N;RR W	52	71h L6 S6	80,91 oct.Hangar W.
JACKSONVILLE NAS Range (Fla)	365 (NIP)	89°, 3.1	MRLZ	
JACKSONVILLE NAS Tower (Fla)	323 (126.18,142.74)		CN	(3); 126.18,142.74
JACKSONVILLE NAS (Seminole) Tower (Fla)	2870		CN	2870.3105 (avail during working hrs.& 1 hrs adv.
(N) Jacksonville NAS (Fla) (N)	7.2 S;riv E,N	20	60h L5 S6	91,100 oct NATS notice)
Jasper, 43,NO-JX (Fla)	3.5 SSE;RR NE	148	36 L3 S1	80 oct Poles W
Jesup (Ga)	2.3 NE;RR E	100	26	50' trees ends all strips
(P) Kay Larkin (Palatka, Fla)	3 NW;RR S	56	50h L5 S1	80,91 oct.
(A) Keystone (Keystone Hgts,Fla)(A)	4.5 NNW;RR W	192	50h	CLOSED
(N) Lake Butler OLF (Fla) (N)	2 SSW;RR NW	131	60h	CLOSED
Lake City (Fla)	3.7 ESE;RR S	201	67h S6	80 oct Engine rprs only
Lake Jackson (Tallahassee,Fla)	9 NNW;riv NW	250	26 S4	80 oct Obsts sur fld
(A) Lake Park #2 (Ga) (A)	1 SSW;hwy N	220	48	TMP INACT.NO FACS
LEE OLF GCA (Fla)			GCA	Contact Navy Jacksonville Tower or Radio
(N) Lee OLF (Green Cove Spgs,Fla)(N)	2.2 SE;riv N	22	51h	
Malcolm-McKinnon (Brunswick Ga)	6 E	19	41h L5 S6	80,91 oct Lgts on req.No bndry or flood lgts
(CG) Mayport CGAS (Fla) (CG)	0.6 NNE;riv N	16	43h	INACTIVE
(N) Middleburg OLF (Fla) (N)	3 NNE;rds E,SE	34	32	CLOSED
(P) Montbrook (Williston,Fla.)	3.2 SSW;hwy E	70	70h	
Monticello (Fla)	1.5 SW;hwy E	160	25	
(A) Moody (Valdosta, Ga) (A)	11.5 NNE;RR W	233	50h	TMP INACT.NO FACS
(A) Moultrie (Ga) (A)	7 S;RR,hwy W	287	40h	
Nashville (Ga)	1.3 ENE;RR S	236	31 S4	80 oct NE,SW blkd
Northside (Moultrie, Ga)	3.2 NNW,RR W	300	30 S4	80 oct No sto
Ormond (Fla)	3.5 WNW;RR N	29	40h S4	80 oct Ctn,stock on fld
(P) Perry (Fla)	3.2 S;RR E	45	50h S4	80,91 oct
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
Quincy (Fla)	1.5 NE;hwy S	212	35 S6	80 oct. SE,WSW blkd
Quitman Flgt Strip (Ga)	2.4 NW,pond 0.5 E	180	18	
(A) Rocky Ford #1 (Valdosta,Ga)(A)	16 SW;hwy N	220	47h	CLOSED.
St. Augustine (Fla)	4 NNW;hwy W	10	42h S6	80,91 oct
St Marys (Ga)	1 7 NNW;riv S	24	50h	Cattle on fld
Sawyer (Palatka, Fla)	2.6 SW;riv 2 S	60	25 S4	80 oct
Silver Springs Aero Lodge(Fla)	0.3 W,RR 1 WSW	75	26 S1	80 oct P-lines SE,S Lgt
Sky Haven (Albany, Ga)	1.5 SSW;hwy E	200	26 S4	80 oct P-line WNW. planes only
(P) So.Georgia College (Douglas,Ga)	1.3 S;RR W	255	60 S6	Pwrline E
Spence (Moultrie, Ga)	5 SE;hwy W	292	50h S6	80,91 oct
Stengel (Gainesville,Fla)	4 WSW;RR SE	70	47 S6	80,91 oct
(N) Switzerland OLF (Fla)(N)	1.5 SE	31	40h	CLOSED.
TALLAHASSEE Range (Dale Mabry)	335(T)(116.1)	85°,2.7	SBRAZ-DTV	(3); 116 1,122 1 (Fla)
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct No floodlgts
Tennile (Fla)	2.2 SSW;rd E	35	20	Trees SW
Terrell Co (Dawson, Ga)	2 SE;hwy N	353	21	INACTIVE S blkd
(P) Thomasville (Ga)	7 5 NE,hwy S	264	50h S1	91 oct.
Thomasville com. (Ga)	1 SW;RR N	250	42 S2	80 oct P-lines NW
Three "B" (Fitzgerald, Ga)	1.5 N	515	27 S6	80,91 oct.
Tifton Mun. (Ga)	2.3SE;hwy W	343	50h L5 S6	80,91 oct.Lgts prior req
(A) Turner (Albany, Ga) (A)	4 ENE;riv N	215	76h	TMP INACT.NO FACS
Vada (Ga)	1.5 WNW,hwy E	140	40h	CLOSED
[Valdosta] (Ga)	3.7 S;RR W	226	56h L5 S1	80 oct Lgts prior req No flood lgts
(A) [Waycross AAF (Ga) (A)	4 NW;hwy E	141	50h	CLOSED.
(N) Whitehouse OLF (Jacksonv'l,Fla)	13 W;RR S	102	40h L	B-2 lgts (N)
Williams (Jacksonville,Fla)	3.3 WNW;RR E	25	18 S6	80 oct P-line E
Witt (Lake City, Fla)	2 WSW;hwy S	200	36 S4	80 oct No sto

INSTRUMENT LANDING SYSTEMS (Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
JACKSONVILLE	110.3	335	44°	MM- (0.66)	OM- (4.60)
				MMK 209	OMK-251
				MM-	OM-
				MMK	OMK-

NEW FACILITIES

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3017.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 127.65, 140.65 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

JACKSONVILLE 133

R EXTREMELY HAZARDOUS ⓞ USABLE WITH CAUTION ②

O NON COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

COMPULSORY REPORTING POINT

ATLANTA 117 | CHARLESTON 119

TERRELL CO
ASHBURN
THREE "B"
FITZGERALD
SKY HAVEN
ALBANY
TURNER AAF
ALBANY 254 116.1 MC
TIFTON
SO GEORGIA COLLEGE
TURNER AAF APPROACH ZONE INCLUDES THE AIRSPACE UP TO 6,000' M.S.L.
CAMILLA
NORTH SIDE
NASHVILLE
SPENCE
COOK CO
BABCOCK
VADA
MOULTRIE
HOMERVILLE
BAINBRIDGE
MOODY AAF
BEMIS NO 1
COMDR DECATUR
CAIRO-GRADY CO
THOMASVILLE MUN
THOMASVILLE COM
QUITMAN
VALDOSTA
TALLAHASSEE 335 116.1 MC
ROCKY FORD NO 1
GA
FLA
LAKE PARK NO 2
QUINCY
LAKE JACKSON
MONTICELLO
JASPER
RED JO
DRIFTON
MARIANNA
DALE MABRY 281 KC 118.3, 126.18 MC
MOBILE 131
HURST
WITT
LAKE CITY
PERRY
TENNILE
CROSS CITY AAF
CROSS CITY 269 116.1 MC
NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "N" QUADRANTS
VARIATION: ←3°E TO 1°E→
TAMPA 135
TAYLOR
SILVER SPRINGS
MONTBROOK
GAINESVILLE
STENGEL
KEYSTONE AAF
CONWAY
LAKE BUTLER OLF
NAAS CECIL 201 KC 142.74 MC
MIDDLEBURG OLF
BRANAN OLF
NAS. JACKSONVILLE 365
WHITEHOUSE OLF
JACKSONVILLE NO 3
HART
WILLIAMS
CRAIG
CGAS MAYPORT
NAS. JACKSONVILLE 323 KC 142.74, 126.18 MC
SEAPLANE 2870 KC
FLEMINGS IS OLF
SWITZERLAND OLF
LEE OLF
BOSTWICK OLF
JACKSONVILLE OCEANIC A.T.C.
ST AUGUSTINE
KAY LARKIN
SAWYER
BUNNELL
DAYTONA BEACH 236 116.1 MC
PIERSON MEM
MELBOURNE
ORMOND
DAYTONA BEACH
281
ALMA 242 116.1 MC
BOWSER
ALMA
WAYCROSS AAF
CAP
NAF GLYNCO 317 KC 142.74 MC
NAF GLYNCO 520
DARIEN
MALCOLM-McKINNON
BRUNSWICK 230 116.1 MC
On request
BRUNSWICK
JESUP
SAVANNAH 263
HARRIS NECK AFF
FOLKSTON
ST MARYS
ST MARYS
JACKSONVILLE NO 1 278 KC 118.5, 126.18 MC
BRYCEVILLE
BRYCEVILLE
FERNANDINA
JACKSONVILLE 344 116.1 MC
FT GEORGE ISLAND
D.A.
D A
147
105
227
51
2000
333
142
239
59
324
96
AMBER 6
3000
322
110
AMBER 7
192
187
116
25
265
89
115
2000
20
26
269
10
179
19
84 YARD
359
338
90
AMBER 7
196
47
3000
80
135
RED 25
225
45
44
315
101
7
298
22
STATUTE MILES

TAMPA

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV	CLASS	REMARKS; FREQS. GUARDED, HRS. OF OPERATION
(P) Albert Whitted (St. Petersburg, Fla)	2.5 E;bay E	6	33h L3 S6	80,91 oct. Coast Gd.Stn adj.Poles SW.
← Altoona (Fla)	0.6 NW;RR E			ABANDONED.
Arcadia (Fla)	2 SE;hwy W	60	30	Trees around fld.
Avon Park (Fla)	1.5 W;RR E	156	40h S4	80,91 oct.P-line S;trees sur fld.
(A) Avon Park AAF (Fla) (A)	11 ENE;lake NW	65	54h	TMP INACT.NO FACS.
← BANANA RIVER Navy Range (Fla)				DECOMMISSIONED
BANANA RIVER NAS Tower (Fla)	224 (142.74)		CN	(3); 142.74
(N) Banana River NAS (Fla)(N)	11 SE Cocoa	9	40h L5 S6	91 oct.No bcn Lgts on req.
↘ Barberville (Fla)	1 SE;bet RR & rd			ABANDONED
(P) Bartow (Fla)	5.5 NE;RR NW	124	50h S4	80,91 oct.
Bradenton (Fla)	0.5 S;RR E.	20	24 S6	80 oct.Obst sur fld.
(A) Brooksville AAF (Fla) (A)	7.5 SW;hwy E	70	70h	CLOSED.
Bunnell (Fla)	3.5 E;lk SW	34	50h	
Cannon Mills (Orlando, Fla)	3.8 E;arpt W	105	41 L S6	80 oct. Flood,obst lgts on req.
Carlstrom (Arcadia, Fla)	7 SSE;hwy N			ABANDONED Obst sur fld.
Cedar Keys (Fla)	1 W;bay S	6	25h	
Clearwater (Fla)	2.5 NE;hwy S	73	30 S6	80,91 oct. Trees W,NE,SW,
↘ Cocoa (Fla)	1 NW;RR E	20	25 L1 S1	80 oct.Obst sur fld. NW
(P) Conners (Okeechobee, Fla)	2.5 NW;RR S	34	50h S1	80 oct.
DAYTONA BEACH Range (Fla)	236(DB)(116.1)	101°, 2.1	BMLZ-DTV	(4); 116.1, 122.1
(P) [Daytona Beach], (Fla)	2.8 SW;hwy S	34	41h L5 S6	80, 91 oct.
Deland (Fla)	2.5 NNE;hwy N	80	60h L5 S6	80,91 oct.Trees NE.
Dorr (Arcadia, Fla)	11.5 E;hwy N			ABANDONED
DREW Tower (Fla)	278 (126.18, 118.5)		AC	(4); 126.18,118.5,122.5 No bndry lgts.
(P) [Drew] (Tampa, Fla)	5 W;bay 1.5 SW	26	70h L5 S4	80,91,100 oct.Rdo rec rqrd.
(A) Dunnellon AAF (Fla) (A)	4.5 E;hwy S	66	50h	CLOSED.
Ellenton (Fla)	1.5 NNW;RR N	18	24 S6	80,91 oct.P-line NE.
(P) Fette Aircraft Service (Fla)	See Venice Mun (Fla.) under "New Facilities"-name changed.			
Fort Pierce, com. (Fla)	3.3 SSE;RR E	19	25 L3 S6	80 oct. P-line W. N,W,NW blkd.
(P) Fort Pierce, mun. (Fla)	3.5 NW;hwy E	24	50h	
Frank D. Waterman (Eustis, Fla)	0.9 SSW;lake NW	81	23 S2	80 oct. Obst sur fld.
Gilbert (Winter Haven, Fla)	3.5 NNW;lake W,	135	40h S6	80, 91 oct.
Gray's (Leesburg, Fla)	5 N;RR,hwy W	130	27 S6	80 oct. Orange groves W.
Haines City (Fla)	1 NW	175	20 L1	
(P) Hendricks (Sebring, Fla)	See Sebring Air Terminal under "New Facilities"- name changed.			
Hidden Acres (Clarcona, Fla)	1.5 WNW;lake W	93	27 S5	80 oct. E blkd.
(A) Hillsborough AAF (Tampa, Fla)	7 NNE	67	50h	CLOSED (A)
Hoequist (Orlando, Fla)	3.8 SW; hwy E	90	20 S4	80 oct. s E.
Honeymoon Island (Dunedin)	2.5 W		30	Data unver. (Fla)
Kerlin (Minneola, Fla)	0.5 NE	100	18 S2	80 oct.
(P) Kissimmee (Fla)	2 W; RR N	82	50h L5 S4	80,91 oct.No bndry,flood.
Lakeland AAF (Fla)	See Drane under "New Facilities"- name changed.			
[Lakeland Mun. #1] (Fla)	2.8 N;lake E	159	35h L5 S6	80,91 oct.Ctc lgts on prior req. till 2400.
Lake Wales (Fla)	2.3 WSW;RR N	125	40h L3 S6	80, 91 oct.
(A) Leesburg AAF (Fla) (A)	4 ENE;RR SE	67	50h	CLOSED.
Ludwig Sky Harbor (St.Petersburg, Fla)	See Sky Harbor Airport under "New Facilities" - name changed			
← MAC DILL Tower (Fla)	227 (126.18)+		CA (ILS-W)	(3); 126.18- ◆-00,20 (GCA)
(A) MacDill (Tampa, Fla) (A)	8 SSW;bay NE	9	100h L5 S6	73-100 oct.JP-1.No sto.
(N) Malabar OLF (Fla) (N)	7 WNW	27	40h	FOREIGN CLEAR.STN.
MELBOURNE Range (Fla)	257 (OU)(116.1)	158°, 2.3	SBRAZ-DTV	(4); 116.1, 122.1 SW.
Melbourne-Eau Gallie (Fla)	2.2 NW;RR E	26	43h L5 S6	80,91 oct. Lgts on req.Trees
(P) Montbrook (Williston, Fla.)	3.2 SSW;hwy E	70	70h	
New Smyrna (Fla)	3 NNW;RR W	12	50h S6	80,91 oct,
ORLANDO Range (Fla)	206(OR)(vhf)	220°, 3.4	BMRLZ-DTV	(3); 116.1, 122.1
ORLANDO Tower (Fla)	278 (126.18, 118.7)+		C	(4); 118.7,122.5,126.18
(A) [Orlando AAB] (Arpt)(Fla)	2.5 E;lake S	115	55h L5 S6	80,91 oct;100 oct mil acft.
Orlando Aviation Country Club (Winter Park, Fla)	1 NW;lake S	100	21 L S6	80 oct.Flood lgts prior req.P-line N.
Osceola (Sanford, Fla)	10 SSE;lake SE	25	40h	
Peter O.Knight (Tampa, Fla)	3.7 S;bay S	8	40h L5 S6	80,91 oct.Ctc lgts prior req.
Pierson Memorial (Fla)	0.5 N;hwy,RR W	70	21	
(A) Pinecastle AAF (Fla) (A)	3 ESE;lake NW	95	100h	CLOSED.
PINELLAS Tower (Fla)	317 (118.3)		CI	(4); 122.5 (8-24)
(P) [Penellas Co. International] (St. Ptersburg, Fla.)	9.5 N;bay E	12	50h L5 S6	80,91,100 oct.
Piper-Fuller (St. Petersburg, Fla)	4.8 WNW;bay W			ABANDONED
Plant City (Fla)	3 E;hwy N			ABANDONED
(P) Punta Gorda (Fla)	5 ESE;hwy SW	25	50h	
Robinson (Plant City, Fla)	1.5 WSW;RR E	110	21 S6	80,91 oct E,ESE Blkd
(N) Roseland OLF (Sebastian, Fla)	1.7 W;riv N,E	23	40h	(N)
Ryan (Apopka, Fla)	1 N;hwy E	104	25 S4	80 oct. Obst sur fld.
Sanford (Fla)	2.5 SE;hwy N	57	60h L5 S6	80, 91 oct. Lgts on req.
(P) [Sarasota-Bradenton] (Sarasota, Fla)	3.5 NNW;hwy W	24	50h L5 S6	80,91 oct.Lgts on req.
Sarasota, com. (Fla)	2.5 E;RR N,E	25	35 S6	80 oct. Obst sur fld.
Sebring (Fla)	4 SW;lake NE	200	20 S1	80 oct.P-line SW.
Showalter Arpk (Winter Park) (Fla)	1 E;RR S	91	24 S4	80,91 oct.
Skyland (Lakeland, Fla)	1.9 WNW;RR S	170	21 S6	80 oct.No sto.Trees S.
Skyport (Dunedin, Fla)	1.5 N;RR E	4	30 L2 S6	80 oct. No bcn. S Blkd.
TAMPA Range (Fla)(Peter O. Knight)	388(TM)(116.1)	55°, 2.7	SBRAZ-DTV	(4); 116.1, 122.1
(P) [Taylor] (Ocala, Fla)	1 SW;RR NE	72	40h L5 S6	80,91 oct. No flood lgts
(P) Titusville-Cocoa (Titusville)	6 S;RR E	35	50h L5 S6	80 oct. Lgts prior req.(Fla)
* Titusville Int,20,MM-AG (Fla)	1.3 NW;RR E			ABANDONED.
Tomoka (Daytona Beach, Fla)	See Ormond under "New Facilities"- name changed.			
(N) Valkaria OLF (Melbourne, Fla) (N)	8 SSE;RR E	26	40h	
Venice Aux (Fla.)	0.5 SE;hwy W	20	36 S4	80 oct. Trees ENE,SE.
VERO BEACH H Fac. (Fla)	359(VB)(116.1)		MHTV	(4);116.1,122.1
[Vero Beach] (Fla)	1 NW;RR E	24	75h L1 S1	91 oct,Airlines only,exc in emerg
Wauchula (Fla)	2.1 E;riv W	120	21	Trees N,E,NE
Wimauma (Fla)	0.8 ESE;RR W			ABANDONED.
(P) Witham (Stuart, Fla)	1.5 SE;RR SW	17	50h L5 S1	80 oct.
(P) Zephyrhills (Fla)	1.5 ESE;RR W	92	50h L5 S6	80 oct.No bndry lgts.

INSTRUMENT LANDING SYSTEMS *(Localizer and G.P. in mcs, Compass Locators in kcs)*

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MacDILL (A)	110.3	335	217°	IM- (0.07)	MM- .....(1.09)	OM- – –(5.03)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ormond (Fla)	3.5 WNW;RR N	29	40h S4	80 oct.Ctn,stock on fld.
Sky Harbor (St.Petersburg, Fla)	6 NE;bay E	8	28 S6	80 oct.
Groveland (Fla)	1.8 SSE;lk NE	100	20 S3	80 oct.
Winter Garden (Fla)	1.5 NW;lk NW	75	25 S2	80 oct.
Tarpon Springs (Fla)	2 W;Gulf of Mex. W	12	19 S1	80 oct Trees N,E,S
Spruce Creek (Samsula, Fla)	3.5 N	25	40h	
Howey (Howey in the Hills, Fla)	0.5 S;lake E	75	20 S2	80,91 oct.Private.
← Aviation Ctr (Leesburg, Fla)	1.5 N;lk E	80	15h S6	80 oct.WNW blkd.
(P) Sebring Air Terminal (Fla)	6.5 ESE;RR 2 SW	62	52h L5 S6	80,91 oct.Lgts on req.
(P) Drane (Lakeland, Fla)	5.5 SW;hwy 3 N	135	50h L5	No flood lgts. No bcn
(P) Venice Mun (Fla.)	1.9 SSE	19	50h L5 S6	80 oct. Rnwy lgts on req.No bcn or flood.

RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. #

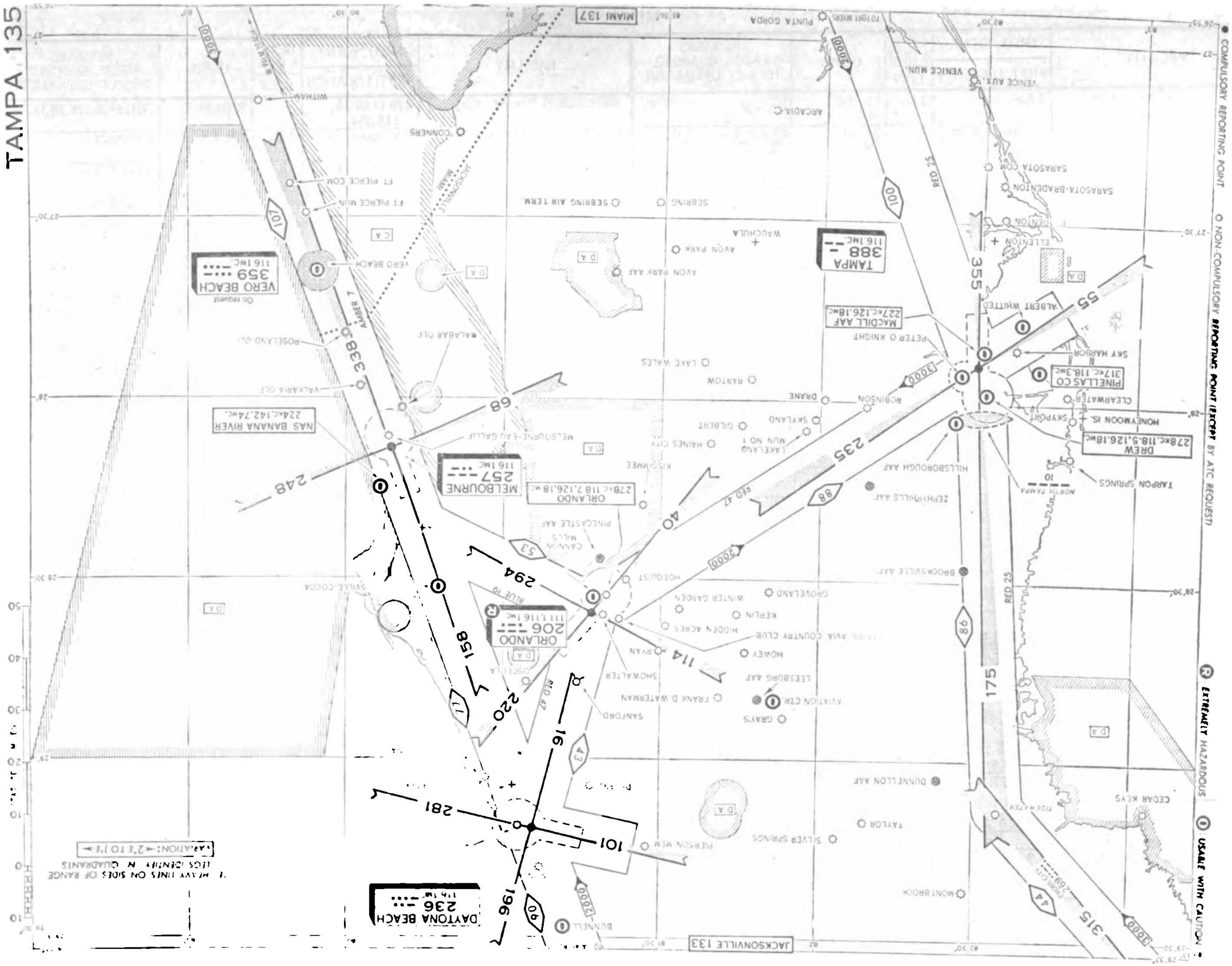
Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. **+ – Army** A.C.S. transmits on and guards 116.1, 137.88, **149.58 mcs.**

◆ **A.A.C.S.** Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second **Alternate time)**

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing (see page XIII)

→ New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. **Airports are indented and** non-capitalized.

TAMPA 135


MIAMI 137
JACKSONVILLE 133
COMPULSORY REPORTING POINT
NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)
EXTREMELY HAZARDOUS
USABLE WITH CAUTION
PUNTA GORDA
VENICE AUX.
VENICE MUN.
ARCADIA
CONNERS
WITHAM
FT PIERCE COM
FT PIERCE MUN
SEBRING AIR TERM.
SEBRING
WAUCHULA
AVON PARK
AVON PARK AAF
SARASOTA COM
SARASOTA-BRADENTON
ELLENTON
ALBERT WHITTED
SKY HARBOR
CLEARWATER
SKYPORT
HONEYMOON IS.
TARPON SPRINGS
NORTH TAMPA
ZEPHYRHILLS AAF
HILLSBOROUGH AAF
LAKELAND MUN NO 1
SKYLAND
GILBERT
HAINES CITY
LAKE WALES
RARTOW
DRANE
ROBINSON
PETER O KNIGHT
MACDILL AAF
227x.126.18w
TAMPA
388
116.1MC
VERO BEACH
359
116.1MC
On request
NAS BANANA RIVER
224x.142.74w
MELBOURNE
257
116.1MC
ORLANDO
278x.118.7.126.18w
ORLANDO
206
111.1.116.1MC
DAYTONA BEACH
236
116.1MC
PINELLAS CO
317x.118.3w
DREW
278x.118.5.126.18w
CEDAR KEYS
DUNNELLON AAF
TAYLOR
SILVER SPRINGS
PIERSON MEM
MONTBROOK
BUNNELL
BROOKSVILLE AAF
GROVELAND
WINTER GARDEN
KEPLIN
HIDDEN ACRES
AVIA COUNTRY CLUB
HOWEY
LEESBURG AAF
AVIATION CTR
GRAYS
SHOWALTER
FRANK D. WATERMAN
SANFORD
HOCOUIST
PINECASTLE AAF
CANNON MILLS
MELBOURNE-EAU GALLIE
KISSIMMEE
VALKARIA OLF
MALABAR OLF
ROSELAND OLF
AMBER 1
RED 47
RED 25
RED 47
RED 47
338
355
235
175
315
248
294
158
220
114
281
196
68
88
86
100
101
90
53
17
43
14
3000
7000
10000
10TOPI MTRS
CA
DA
HEAVY LINES ON SIDES OF RANGE
LEGS IDENTIFY N. QUADRANTS
VARIATION: 2°E TO 1°E

MIAMI

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Belvedere (West Palm Beach, Fla.)	2 SW	17	25 S5	
Belle Glade (Fla)	1 NNE;lake W	17	24 S6	80 oct. Trees S,W.
BOCA RATON AAF Tower (Fla)	396 (126.18)		CA	(3); 126.18
(A) Boca Raton AAF (Fla)(A)	2 NNW;canal E	14	64h L5 S6	100 oct.
Brown (Miami, Fla)	10 NNE;RR NW	10	20 S6	80,91 oct. No sto. Trees E.
(A) Buckingham AAF (Fort Myers, Fla) (A)	10 E;riv SW	25	54h	CLOSED.
Chapman (Miami, Fla)	11.5 SSW	3	40 S6	80,91 oct. No sto. Pwr line W. RR W
Clewiston (Fla)	1.6 SW;RR N	19	30 S6	80,91 oct. P-line N,NE, SW.
(N) Forman OLF (Fort Lauderdale, Fla)	See Ft. Lauderdale-Davie Arpt under "New Facilities" - name changed.			
Ft. Lauderdale (Fla)	6 NNW;RR SE	14	40h	
(N) Fort Lauderdale NAS (Fla) (N)	3.5 SSW;RR W	10	50h	CLOSED
FORT MYERS Range (Fla) (Page)	341(FM)(116.1)	38°,3.6	SBRAZ-DTV	(4);116.1,122.1
Homestead, mun. (Fla)	2 NE;rd N	8	28 S6	80 oct.
(A) Immokalee Airfield (Fla) (A)	1.3 ENE;RR W	20	50h	CLOSED.
★ Immokalee Int, 13, TM-MM (Fla)	5.25 SE;RR SW	23	38 L2	
KEY WEST Range (Fla)	332(KW)(116.1)	70°,5.8	SBRAZ-DTV	(4); 116.1, 122.1
KEY WEST NAS Tower (Fla)	396 (142.74)		CN	(3); 142.74 (sunrise to sunset)
KEY WEST NAS (Seaplane) Tower (Fla) (NC)	272 (142.74)		CN	3105;142.74 (prior req.)
(N) Key West NAS (Fla)(N)	7 ENE	5	70h L5 S4	91,100 oct. No sto.
Lake Worth (Fla)	2 W;RR E	12	26 S6	80 oct.
MacArthur (Hollywood, Fla)	See Hollywood under "New Facilities" - name changed.			
Marathon (Fla)	1.8 ENE;hwy S	6	100h	CLOSED.
MASTER NAS Tower (Fla)	382 (142.74)		CN	(3); 142.74 (7-sunset)
(N) Master NAS (Miami, Fla)	8 NNW;RR W	9	74h L5	Pwr line SE. (N)
[Meacham] (Key West, Fla)	2.3 E;ocean S	4	41h L5 S1	80,91 oct. ARPT ENTRY. Lgts prior req. No bcn
MIAMI Range (Fla) (International)	365(MM)(vhf)	270°,2.3	SBRAZ-DTV	(3); 116.1, 122.1
MIAMI INTERNATIONAL Tower (Fla)	278 (126.18, 118.5)		AC	(4); 122.5,126.18,118.5
(A) [Miami International - AAF] (Fla)	5 NW;RR W	9	74h L5 S6	80,91,100 oct. FEE. 2-way rdo rqrd. ARPT OF ENTRY.
Miami Aviation Center (Miami, Fla)	7.5 NNE;bay E	8	25h S6	80,91 oct. Trees N,S.
(N) Miami NAS (Fla) (N)	10.7 NW;canal N	9	60h	CLOSED.
(N) Miami OLF (Fla) (N)	7.9 NNW;RR E	9	36h	CLOSED
MORRISON Tower (Fla)	278 (126.18, 118.9)+		C (ILS)	(4);118.9,126.18,122.5
(A) [Morrison](West Palm Beach, Fla) (A)	2 W;canal S	18	70h L5	CLOSED.
Naples (Fla)	2 NE;RRs E, W	8	50h	CLOSED.
(N) North Perry OLF (Hollywood,Fla)(N)	6.3 W	9	32h	CLOSED
(N) North Pompano OLF (Pompano, Fla)(N)	1.5 NE;RR W	21	40h	CLOSED.
(P) [Page] (Ft. Myers,Fla)	4 S;RR E,hwy W	18	50h L5 S6	80,91 oct. Ground traffic.
(P) Palm Beach County Park (Lantana, Fla)	2 WNW;lake N, E	13	35h L5 S6	80-100 oct. Fld lgts on prior req after 2300
Punta Gorda, mun. (Fla)	3 SSE;hwy E	4	24	
(N) Richmond NAS (LTA)(Fla)	15 SW Miami	13	20h	CLOSED. (N)
(P) Riddle (Clewiston,Fla)	7.6 W;hwy N	19	25h	Use rnwys only.
(P) South Dade County (Homestead, Fla)	See Homestead Arpt under "New Facilities" - name changed.			
Sunny South (Miami,Fla)	6 N;hwy E	12	40 S6	80,91 oct. E blocked.
Tamiami (Miami, Fla)	12 W	8	35h S6	80,91,100 oct. No sto P-line N,W
WEST PALM BEACH Range (Fla) (Morrison)	209 (DWZ) (116.1)	89°,2.4	BMRAZ-DTV	(3); 116.1, 122.1

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs. Compass Locators in kcs)

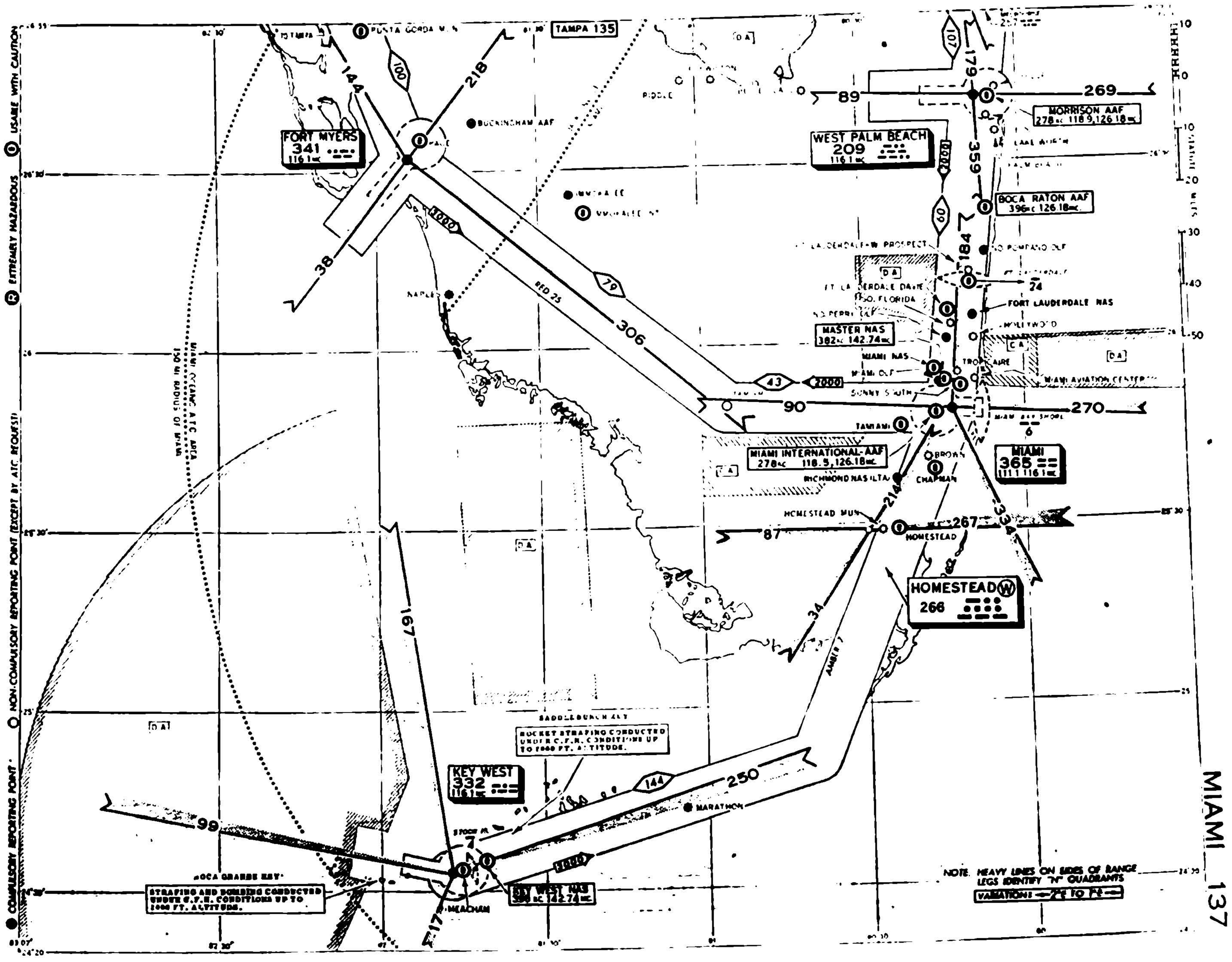
LOCATION	LOCALIZER	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
MORRISON (A)	110.3	335	90°	IM -	MM- ·····(0.61)	OM- --(4.5)
					MMK-	OMK-
				IM-	MM-	OM-
					MMK-	OMK-

NEW FACILITIES

Ft. Lauderdale-Davie (Fla.	6.5 WSW;hwy N	7	30h S4	80,91 oct.
West Prospect (Ft. Lauderdale, Fla.)	See Ft. Lauderdale above - name changed.			
(P) Homestead (Fla)	5 E	8	60h L5 S6	80,91 oct. Landing fee.
Hollywood Arpk Inc. (Fla.)	1 SW;RR W	12	28 S6	80,91 oct. Trees SE,NW
South Fla. (Ft. Lauderdale)	7.5 SW;hwy E	10	45 S6	80,91 oct. P-line E. (Fla)
Tropicaire (Miami, Fla)	9 N	10	22 S6	80,91 oct. P-line N,E,S;N.
Belvedere Co. Club (W. Palm Beach, Fla)	2 WSW;Army fld S	17	25 S6	80 oct. Trees SE, E blkd. NW. Lgt acft only.

RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ◆ A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII) → New or revised data. [Jones] - Airline Stop. N.B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized


TAMPA 135
FORT MYERS
341
116
PUNTA GORDA
BUCKINGHAM AAF
NAPLES
WEST PALM BEACH
209
116
MORRISON AAF
278 118 9,126.18
BOCA RATON AAF
396 126.18
FORT LAUDERDALE NAS
MASTER NAS
382 142.74
MIAMI NAS
MIAMI INTERNATIONAL-AAF
278 118.5,126.18
MIAMI
365
111 116
HOMESTEAD
267
HOMESTEAD
266
KEY WEST
332
116
KEY WEST NAS
MARATHON
MEACHAM
BOCA GRANDE KEY
ROCKET STRAFING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
STRAFING AND BOMBING CONDUCTED UNDER C.F.R. CONDITIONS UP TO 2000 FT. ALTITUDE.
MIAMI OCEANIC A.T.C. AREA
EXCEPT BY ATC REQUEST
USABLE WITH CAUTION
EXTREMELY HAZARDOUS
NON-COMPULSORY REPORTING POINT
COMPULSORY REPORTING POINT
NOTE. HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "H" QUADRANTS
VARIATION 1° TO 7°
MIAMI 137

LOCATION	FREQ., IDENT.	STA. CLASS, BEAR. & DIST.	FREQS. GUARDED, HRS. OF OPER., REMARKS
BURBANK (Lockheed Air Term.)	248(BU)(116.1)	SBML-DTV;93°, 3	(3); 116.1
BURBANK LFM	(- -)	LFM, 97°, 1.5	Burbank
CASTAIC FM	(- - - - -)	FM, 322°, 41	Los Angeles.
CHATSWORTH	341 (L)	FMHW;276°,10.5	(Cont.) Burbank
CHATSWORTH LFM	(. . - - - - -)	LFM, 276°, 10.5	Burbank
DOWNEY FM	(-)	FM, 77°, 11	Los Angeles
DOWNEY	379 (V)	FMHW;77°,11.0	(Cont.) Los Angeles
EL TORO MCAS (Santa Ana)	3295(142.74)	CN(GCA)	3105,4495;126.18,142.74
GLENDALE	371 (S)	MHW;97°,7.3	(Cont.) Burbank
GRAND CENTRAL (Glendale)	201(118.7)	CI	(4);118.7,122.5 (8-sunset)
HAWTHORNE NORTHROP	396 (126.18)	CI	(3); 126.18 (0730-2230)
HUNTINGTON BEACH FM	(- -)	FM, 118°, 11	Long Beach
LA HABRA FM	(. . -)	FM, 77°, 21	Los Angeles
LOCKHEED AIR TERM. (Burbank)	278(126.18,118.3)	AC	(4); 122.5,126.18,118.3
LONG BEACH	233(HB)(vhf)	SBMRLZ-DTV	(3);116.1,122.1
Long Beach Airport	347(126.18,118.5)	AC; 298°, 3.9	(4);122.5,118.5,126.18
LOS ALAMITOS NAS (Long Beach)	317(142.74)	CN	3105; 142.74 (8-1730)
LOS ANGELES	260(LA)(vhf)	SBRAZ-DTXV	(3); 116.1,122.1
		;244°,3.9	
Los Angeles Airport	272(126.18,118.9)	AC(ILS-W)	(4); 126.18,118.9,122.5
LOS ANGELES	109.1 (LA)	BVAR; 88°, 2.0	
NEWHALL (Int.)	209(NH)(vhf)	SBMRL-DTV;317°,0.1	(4);116.1 122.1
ONTARIO AIRPORT	219(126.18,116.1)	CI	(4);126.18,116.1,122.5 (8-18)
SANTA ANA (Navy)	359(NTK)	BMRLZ	3105;142.74
Santa Ana NAS	6970(142.74)	CN; 250°, 0.6	3105,3195;142.74 (Fly.hrs.& req.)
→ SANTA MONICA AIRPORT	353(126.18)	CI	(3); 126.18 (730-20)
TERMINAL ISLAND NAS (San Pedro)	338 (142.74)	CN	DECOMMISSIONED
VAN NUYS METROPOLITAN AIRPORT	219 (126.18)	CI	(4); 126.18 (730-1530,except Sat. & Sun)

INSTRUMENT LANDING SYSTEMS (Localizer and G.P. in mcs, Compass Locators in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)			
LOS ANGELES,	109.9	333.8	247°	IM-	MM- ·—·— (0.64)	OM- — — (6.04)	
					MMK-		OMK-

S-Simul. Range and Voice; W-Without Voice; Z-VHF Range Station Location Marker; (3)-3105, 4495, 6210 kcs; (4)-3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column Indicate VHF Voice. + - Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs.

AIRPORTS — CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Bellflower	1.2 NE;dyke N	80	21 S4	80 oct. No sto.
Brackett (Pomona)	3 NW;hwys N,E	1010	25 S6	80 oct. Hill W.
Cable-Claremont	1.8 ENE;RR E	1400	22h S6	80,91 oct. Brush NNE.
Cal Aero (Chino)	4.5 SE	625	47h L	Restricted to W.A.A. Bndry lgts prior
Compton	1.5 W;hwy E,W	90	33 S6	80 oct. Poles E, N. Hwy N. req.
Compton Central (Compton)	2 NW;RR W	100	33h L S6	80,91 oct. Rdo & instr rprs. Rnwy data
Conejo Valley (Camarillo)	9.5 ESE;RR W	750	25 S6	80,91 oct. No sto. P-lines NE. unver.
Corona	2.3 ESE;RR N	645	22 S6	80,91 oct. P-lines E,SE,W,NW.
Cranford (Artesia)	2.1 NE;RR W	55	27 S6	80 oct. Pole line S.
Culver City (Los Angeles)	9 WSW;RR S,W	25	29 S6	80 oct. Poles NE.

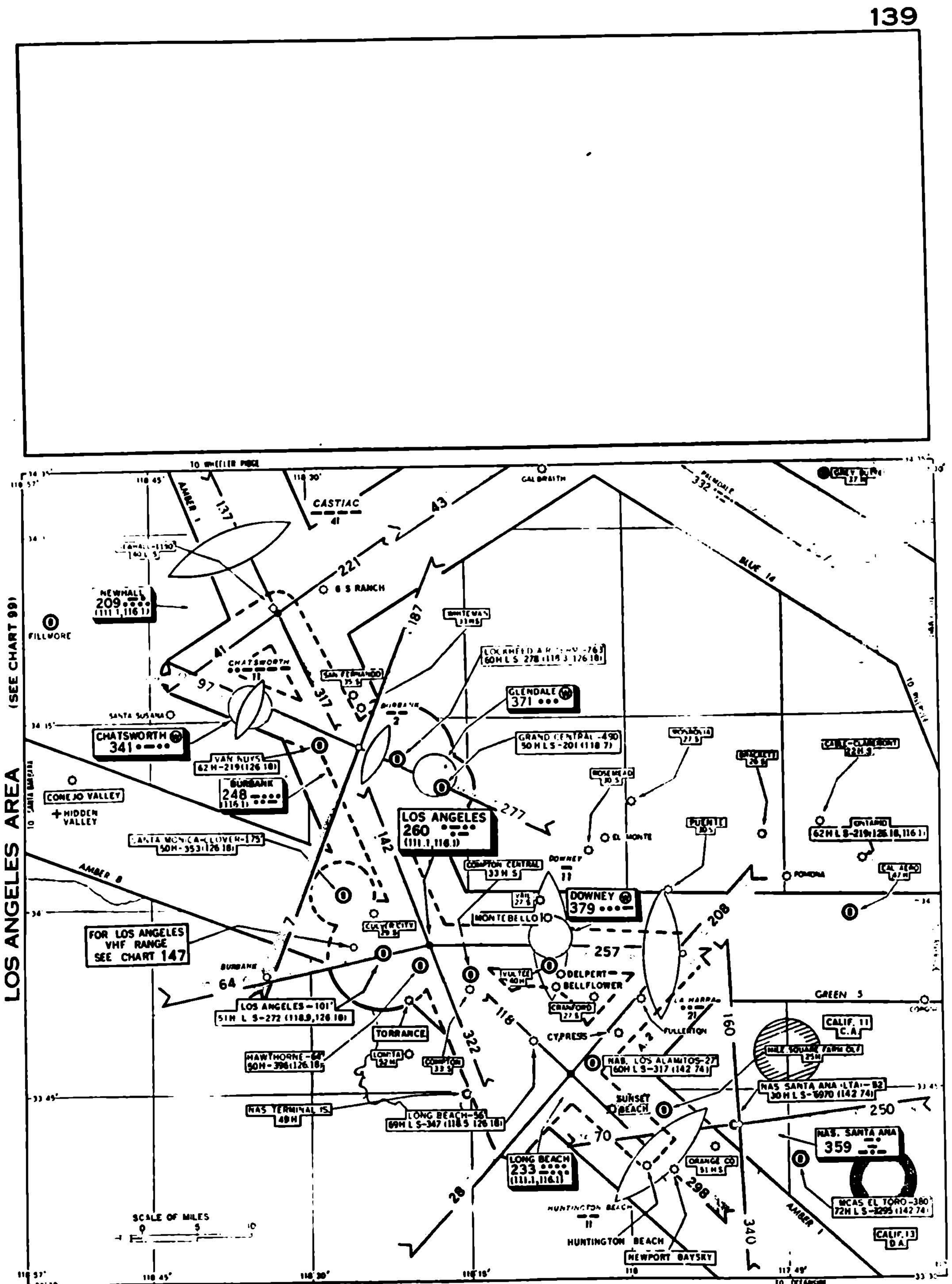
h-hard surfaced runways. R-radio facilities. L-lighting facilities. S-servicing. (See page XIII) NC-(not charted). → NEW OR REVISED DATA.

CALIFORNIA

AIRPORT-CITY NAME	LOCATION	ELEV.	CLASS	REMARKS
Delpert Airpark (Norwalk)	1.5 W;hwy N	90	21 S6	80 oct. No sto. Pole.
El Monte	1 NNE;rd E	300	20 S6	73,80,91 oct. Trees SW. Bldgs NE.
(N) El Toro MCAS (Santa Ana)(N)	5 SE,RR,hwy W	380	72h R1 L5 S4	100 oct.
Fullerton	3 W;RR NE	95	18 L S6	80 oct. Obst & port range lgts prior req.
Galbraith (Palmdale)	0.3 W;RR E	2660	21 S1	73, 80 oct.
Gardena Valley (Gardena)	2 NW;RR SE	50	23 S6	80 oct. Pole line E.
Grand Central (Glendale)	2.2 NW	490	50h R1 L5 S6	73,83,91,100 oct. Bet RR & river.
(A) Grey Butte (Victorville)(A)	22 W	3050	37h	Mtns S. CLOSED
(N) Haster Farm OLF (Gardengrove) (N) (NC)	2 SW	65	14h	
Hawthorne	1.2 E;RR S	64	50h R1	Poles W. Closed to transients.
(N) Horse Farm OLF (Los Alamitos) (N) (NC)	2 E	54	17h	
Hughes (Culver City) (NC)	3.6 SSW;RR N	15	91	Pole line NE. Closed to Public.
Huntington Beach	1.8 SE;hwy NW	4	19 S1	80 oct.
(NG)(N) LOCKHEED AIR TERM. (Burbank)	3.5 WNW;RR S	763	60h R2 L6 S6	73,80,91 oct;100 oct Army. No sto. Two-way radio required.
(P) Lomita Landing Strip	1 W;hwy S	95	52h	Mtns S.
(A) LONG BEACH	3 NE;RR W	56	69h R2 L6 S6	100 oct. No sto.
(N) Los Alamitos NAS (Long Beach)	6 E; hwy N	27	60h R1 L5 S4	80,100 oct, NATS
(P)(N) [Los Angeles]	9.5 SW;RR E	101	60h R3 L6 S6	91,100 oct. Rdo rqrd. Rnwy data unver.
(N) Mile Sq. Farm OLF (Santa Ana)	3.5 SE;riv E	44	25h L	Pwr lines S.
Monrovia (N)	0.5 SE;RR S	500	26 S6	80,91 oct. Tree N,S.
Montebello	2 SSW;RR S	180	34 S6	80, 91 oct.
* Newhall Int, 3A, LA-SF	2.2 NW;RR E	1190	40 R1 L3 S1	91 oct, for airlines.
Newport Bay Sky Harb. (Costa Mesa)	1.3 WNW;hwy E	100	26 S4	80,91 oct. No sto.
Norco	2.5SSW;riv1.5 NW	590	14 S6	80,91 oct. Trees W,SW.
(P) Ontario International	1.5 E;RR SW	952	62h R1 L5 S6	80,91,100 oct. Trees SW.
(P) Orange Co. (Santa Ana)	5 S;at fork rds	53	48h L5 S6	80,91 oct. Fld lgts on req.
(N) Palisades OLF (N)(NC)	2 E Costa Mesa	107	25	Bay N, W.
Pomona	1.8 SSE;rd W	775	20 S6	80 oct. Trees E, hill W.
Rosemead (El Monte)	1 W;RR N	255	30 S6	80,91 oct. Poles NE, house SW.
San Fernando	1.2 E;hwy SW	1150	35 S6	80 oct. Poles SW.
(N) Santa Ana NAS (LTA)(N)	3.6 SE;RR NE	52	30h R2 L4 S4	91,100 oct. No sto.
(P) Santa Monica	2.6 ESE;rd E	175	50h R1 L5	No bcn. Lgts prior req.
Santa Susana	0.5 S;RR N	955	18 S1	80 oct. Hills ENE, P-lines WSW.
Sky Ranch (Puente)	See Puente Sky Ranch under "New Airports" -name changed.			
(N) Terminal Isl. NAS (San Pedro)(N)	2 ENE	14	49h	CLOSED.
Torrance Community (Los Angeles)	11.5 SSW;hwy W	82	21h S6	80 oct. No sto. Poles W; pwr line E.
Vail (Los Angeles)	6.5 E;RR SW	175	27 L S6	80,91 oct. Port rnwy lgts. Rdo rprs.
(A) Van Nuys Metropolitan	2.8 NW;RR N	800	62h R1	Ltd 100 oct.
Vultee (Downey)	1.5 SSE;hwy W	100	40h L1	60' trees WSW. RST'D.
Whiteman (San Fernando)	2 SE;RR N	1000	33h S6	80 oct. Pole line NNW,NE,SW.
NEW FACILITIES				
Sunset Beach (Calif)	2.6 E;ocean SW	25	19 S4	80 oct. Fence ENE.
6 S Ranch Arpk (Solemint, Calif)	1 WNW;hwy N	1350	26 S6	80,91 oct. P-line E,W.
Fillmore (Calif)	1 S;riv N	435	16	Tree W.
Cypress (Westminster, Calif)	4.6 NNW;RR SW	60	22 S1	80 oct. Pwr line NE.
Puente Sky Ranch (Calif)	1.3 E;RR S	402	30 S4	80 oct. Trees E, p-line W.
Hidden Valley (Camarillo, Calif)	10 SE;lake E	920	20	McMahans Oaklane Ranch. Data unver

LOS ANGELES AREA

(SEE CHART 99)



● DESIGNATED RADIO FIX

○ NON-COMPULSORY REPORTING POINT

NOTE:
HEAVY LINES ON BASES OF RANGE LEGS INDICATE R OR O AREAS.

Ⓡ: EXTREMELY HAZARDOUS

Ⓞ: USABLE WITH CAUTION

AIRPORTS LESS THAN 7500 FT IN LENGTH HAVING UNPAVED RUNWAYS AND NO LIGHTS CARRY NO CLASS IN AIRPORT BOX

DETROIT — CLEVELAND

FACILITY	FREQ., IDENT. / ARPT. LOCATION	BEAR. & DIST. / ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ann Arbor (Mich)	4 S	835	32 L3 S6	80 oct. Lgts prior req. P-line N, SE.
Bedford (Ohio)	2 NE;hwy W	1060	17 S4	80 oct. P-line W,SW,NW
Berz (Birmingham,Mich)	1.5 E;RR SW	700	32 S2	80,91 oct. N blkd.
Big Beaver (Mich)●	0.8 E;hwy W	650	21 S6	80 oct. P-line N.
Brooklyn (Cleveland, Ohio)	5.5 SW;RR S	780	26 S2	73 oct.
Burns (Detroit, Mich)	8.5 WSW;RR N	625	19 S6	80 oct. SW blkd. P-line N
Chagrin Falls (Ohio)	3 E;hwy W	1220	26 S6	80 oct. P-line N,NE,NW.
Chagrin Harbor (Willoughby, Ohio)	2.5 NNW;hwy W	620	20 S6	80 oct. P-line W. Soft when wet.
Chardon (Ohio)	2.8 S;lk W	1230	22 S4	80 oct. P-line N,NE,SE Use strips only.
CLEVELAND Range (Ohio)	344(CV)(116.1)	100°,0.7	SBRAZ-DTXV	(4); 116.1
CLEVELAND Arpt. Range	278		MLW	(Ohio)
CLEVELAND Tower (Ohio)	278 (126.18, 118.3)		AC(ILS-W)	(4); 118.3,126.18,122.5
(A) [Cleveland] (Ohio)	8.5 SW;riv W	789	60h L6 S6	73-100 oct;100 oct IP-1 Army 2nd ech maint. FEE.
Cumberland (Portsmouth,Va)	8 S	15	28 S4	80 oct. [ARPT OF ENTRY.
DETROIT H Fac. (Mich)	338 (D)	329°,2.2	MHW	(Cont.) Detroit.
DETROIT CITY Tower [Detroit City] (Mich)	278 (118.5) 5.5 NE;RR S	625	C 53h L4 S6	(4); 122.5 (Mich) 80,91 oct. FEE. Rdo rec rqrd. ARPT OF ENTRY P-line N. Tank W.
ELYRIA H Fac. (Ohio)	219 (S)	280°,10.9	FMHW	(Cont) Cleveland
Elyria (Ohio)	1.6 SSW;bet RRs	745	27 S4	80 oct. Poles SSE,S.
Euclid Ave. (Willoughby, Ohio)	1.5 WSW;RR N	640	26 S6	80.91 oct. P-line N,NNE, SSW.
Flat Rock (So. Rockwood)	2.8 W;hwy W	600	24 S4	80 oct. P-line NW. (Mich)
Ford (Detroit, Mich)	8.8 SW;RR N	600	37h	PRIVATE.
Gridley (Ypsilanti, Mich)	4.4 WSW;hwy E	840	24 S5	80 oct. Pole E;woods N
GROSSE ILE NAS Tower	269 (142.74)		CN	(3); 142.74 (8-17)
(N) Grosse Ile NAS (Detroit, Mich) (N)	17 SSW	594	47h L5 S6	91,100 oct. P-line E.
Hance (Wyandotte, Mich)	2.5 W;hwy N,E	590	28 S6	80 oct. N blkd.
Hartselle Air Terminal (Wayne, Mich)	3.5 NW;RR E	675	18 S6	80 oct. P-line E;trees W. ENE,WSW,WNW.
Irish Hills (Springv'l,Mich)	3 N;lk S	990	20 S1	80 oct. Trees NE,SE.
Joy (Detroit, Mich)	13 NE;RR W	616	24 S6	80 oct. Trees SW.
Knapp (New Hudson, Mich)	0.5 SW;RR SE	947	25 S1	80 oct. N blkd.
Krist-Port (Farmington, Mich)	3.8 N;jct rds	860	27 S6	80 oct. Obsts sur fld.
Lorain (Ohio)	2.8 W;RR N	610	31 S4	80 oct. P-line NE,SE.
Lorain Skyport (Lorain,O)	2.5 W;lk N	610	29 S4	80.91 oct. P-line S,SE. SW corner unusable.
Lost Nation (Willoughby,O)	3 N;lk NW	626	37 S6	80.91 oct. Obsts sur fld. except N approach
McEnnan (Ypsilanti,Mich)	2.7 SSW;riv NE	738	23 S4	80 oct. P-line E;trees NW
McKinley (Fraser, Mich)	1.3 NW;RR E	620	27	P-line E, NE.
Mettetal (Plymouth, Mich)	1.5 SSE;RR E	700	25 S6	80 oct. P-line N,SW,W,NE
Mid City (Hudson, Ohio)	2 S;RR E,SW	1080	31 S6	80 oct. Obsts sur fld.
Milan (Mich)	3.8 SW;RR SE	705	23 S2	80 oct. P-line N.
Nan-Bar (Flat Rock, Mich)	1 ENE;RR N	590	26 S4	80 oct. P-line NE,E.
National Flying Service (Detroit, Mich)	11.5 WSW;RR N	635	29 S4	80 oct. Poles NE,NW.
(N) Newport OLF (Mich) (N)	3 W;hwy E	608	20h	
Ortner (Wakeman, Ohio)	4 NNE;RR S		26 S1	73 oct. Data unver.
Richmond (Gregory, Mich)	1.7 SE;lk E	920	23 S2	80 oct. Trees N,ESE.
ROMULUS Range (Mich)	230(DT)(116.1)	86°,2.8	SBRAZ-DTV	(3); 116.1
Roseville (Mich)	0.5 S;hwy W	610	31 S6	80 oct. SE,SW blkd.
Sky Haven (Northfield,Ohio)	2.5 SSE	1040	25 S4	80 oct. P-line SE,S,SW,W
Solon (Ohio)	1.1 SSE;RR NE	1034	24 L S6	80 oct. P-line SE,SW W Flood lgts on req.
Stinson (Wayne, Mich)	1.4 SW;RR E	664	25h	PRIV. P-line NNE
Tecumseh (Mich)	1.8 NNE;riv SW	815	26 S6	80 oct. P-lines S.W blkd.
Triangle (Plymouth,Mich)	1.5 ESE;lk N	700	26 S4	80 oct. P-line N,E,S.W blkd.
* Vermilion Int,28,CG-LG (O)	3.7 SW;RR N,S	610	24 L3	N,SE,S,NW blkd.
Ward (Bedford, Ohio)	1.5 S;RR E	980	21 S6	80 oct. Twr, tank N.
Warren (Mich)	1.6 WNW;RR E	625	23 S6	80 oct. P-line E,S;trees W.
Washtenaw (Dexter,Mich)	3 SSE;hwy S	867	26 S4	80 oct. P-lines, trees all
Waterloo (Mich)	2.4 ESE;lk W	1040	23 S1	80 oct. Trees SE [appchs Hills SW, W.
(NG) Wayne Co. (Detroit,Mich) (NG)	16 SW;RR N	630	61h S3	100 oct. 1-ech. maint. for NG. ARPT OF ENTRY
Willoughby (Ohio)	1.2 E;brdg 1 W	700	25 S6	80,91 oct. Rnwy data unv. P-line ENE,S.
WILLOW RUN Tower (Mich)	332 (118.7)		C(ILS)	(4); 118.7
(P) [Willow Run] (Ypsilanti,Mich)	4.5 E;riv S	715	74h L5	RR N. FEE.
WINDSOR Range (Ont.,Can)	353 (QG)	243°,3.3	SBRAZ-T	3105,6210,3117.5

INSTRUMENT LANDING SYSTEMS *(Localizer, Glide Path in mcs, Compass Locator in kcs)*

LOCATION	LC LZR.	G.P.	APPR. BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)	
CLEVELAND	109.9		54°	MM-	OM- — — (4.75)
				MMK-	OMK-
WILLOW RUN	109.5	332.6	50°	MM- • — • — (0.65)	OM- — — (5.8)
				MMK- 323 — (0.65)	OMK- 359 • — — (5.80)
				MM-	OM-
				MMK-	OMK-
				MM-	OM-
				MMK-	OMK-

NEW FACILITIES

Wellington (Ohio)	Adj NW;RR W	850	20 S2	80 oct. Stacks NE. Data unver.

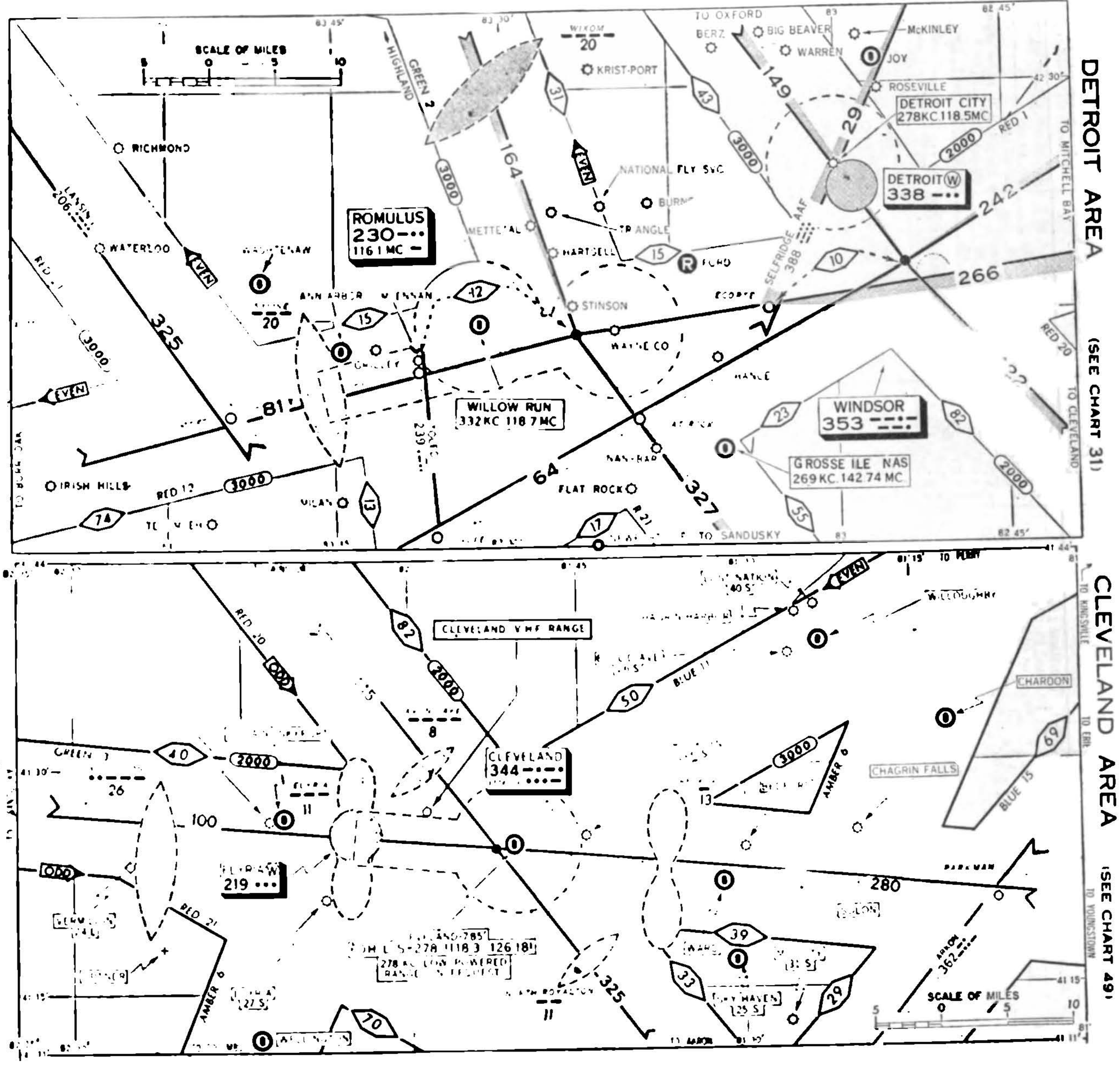
RADIO: S - Simul. Range and Voice. W - Without Voice. Z - VHF Range Station Location Marker. (3) - 3105, 4495, 6210 kcs. (4) - 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) - Voice on 116.1 and 111.1 mcs. + - Army A.C.S. transmits on and guards 116.1, 137.88, **140.68 mcs.**

● **A.A.C.S.** Scheduled Broadcast **on 4765 kcs.** (First **Figure is** Scheduled time, Second Alternate **time)**

AIRPORTS: h - hard surfaced runways. L - Lighting facilities. S - Servicing (see page XIII)

→ New or revised data. [Jones] - Airline Stop. N. B. Radio facilities are all CAPITALIZED. **Airports are indented and** non-capitalized.

CHART 141



• DESIGNATED RADIO FIX
○ NON-COMPULSORY REPORTING POINT
FOR V.H.F. RANGES SEE CHARTS 144 TO 147

NOTE:
HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY 'R' QUADRANTS.

Ⓡ. EXTREMELY HAZARDOUS
Ⓞ. USABLE WITH CAUTION

SEATTLE – PORTLAND – INDIANAPOLIS

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
Ace (Anderson, Ind)	3.5 S;RR E	875	33 L S6	80 oct.Port lgts prior req.
Anderson (Ind)	3.5 SE;RR W	875	27 S6	80 oct. P-line NE.
(P) Aurora Flight Strip (Ore)	1.6 NNW;hwy W	196	41h	
Apex Arpk (Silverdale, Wash)	1.5 WSW	550	16	Data unver.
Bargersville (Ind)	1 NNE;RR W	701	27 S2	80 oct.Trees N.P-line E,W
Barrys Sky Harbor (Tacoma)	2.3 ENE;riv SW	4	21 S6	80 oct P-line E (Wash)
Beck (Joliet ville, Ind)	2.2 SSE;hwy 2W	830	18 S4	80 oct. P-line WNW.
Boeing-Renton (Renton, Wash)	0.9 NW;lake N	32	54h L5	Lgts prior req.
BOEING Tower (Seattle, Wash)	278 (126.18, 118.3)		AC	(4): 118.3, 126.18, 140.1, 122.5
(P) [Boeing] (Seattle, Wash)	3.8 SSE;RR E	15	75h L5 S6	80-100 oct.ARPT OF ENTRY
Brightwood (Indianapolis, Ind)	3.7 NE;rd S		44 S4	80 oct. Data unver.
Brownsburg (Ind)	1.5 SSE;RR N	650	26 S2	80 oct. P-line S.
Canby (Ore)	0.5 NNW	150	17 S1	80 oct. Pwrline NE,SW.
City View Arpk (Tacoma, Wash)	4.5 NE	380	18	P-line SW.
Crawfordsville (Ind)	4.5 SSW	850	38 S4	80 oct. Hwys E, W.
Delaware (Yorktown, Ind)	1 NE;RR S	950	27 S4	80 oct.P-line N,W.Use strips.
Dwyer Landing Fld.(Portland, Ore)	7 SE;RR NW	200	16	Poles SW.
Enumclaw (Wash)	1.5 WSW;hwy E	740	20 S2	Ltd 80 oct. Pwrline E.
Farmers (Greenfield, Ind)	9 NW		26 S2	73 oct. Data unver.
Forrest Grove (Spanaway, Wash)	1.8 E;RR E	340	28 S6	80 oct. P-line S.Ctn.
Franklin Flying Fld. (Ind)	4 S	745	22 S6	80 oct.
G & C (Anderson, Ind)	1 N	875	30	Data unver.
Green Acres (Mulino, Ore)	1.9 SSW;RR W	269	18	SE blkd.
Greencastle (Ind)	2.5 ESE;RR N	780	20 S6	80 oct.P-line SE,S.Soft.
(P) Greenfield Inc. (Ind)	1.9 ENE;RR S	910	30 S6	80 oct. P-line S.
Groves (Camas, Wash)	2.8 N;hwy E	350	16 S1	Ltd 80 oct. Lake SW.
Himes (Whitesville, Ind)	0.8 E;RR SW	870	17 S1	80 oct.P-line NNE,NW
Hoosier-Park (Ind)	4 WNW;hwy N	740	26 S6	80,91 oct.P-line NE.
Howell Brothers (Rushville, Ind)	2 SE;hwy SW	985	13 S2	91 oct. Bldgs SW.
Huffman Air Svc. (Selma, Ind)	0.8 SE;RR N	1000	19 S6	80 oct. Obsts sur fld.
INDIANAPOLIS Range (Ind)	266(ID)(vhf)	75°,3.3	SBRAZ-DTV	(3);116.1,122.1
INDIANAPOLIS Tower (Ind)	278 (126.18, 118.7)		AC (ILS)	(4); 122.5,126.18,118.7
(P) [Indianapolis] (Ind)	8 SW;hwy N	796	53h (L6) S6	73-100 oct. Exper lgtg.
Kent (Wash)	1.5 SSW;riv N	30	30 S6	80 oct.
Kitsap Co. (Bremerton, Wash)	8 SW;hwy NW	482	50h L5 S6	80,91 oct.Lgts on req.No sto
Lake Arpk (Bellevue, Wash)	3.5 SSE;	35	21h S2	Data unver. On lake shore
Lakewood (Tacoma, Wash)	7.5 SSW;RR E	243	22 S1	80 oct.Trees ENE,WSW.
Lapel (Ind)	1 NE	865	26 S4	80 oct.Obst sur fld.
Lebanon (Ind)	1 S;RR N	925	16 S4	80 oct. Trees SW.
Lizton (Ind)	1 SE		25	Data unver.
Loy (Plainfield, Ind)	0.5 S;RR W	873	20 S6	80 oct. E,SE blkd.
Martinsville (Ind)	See Elliott-Martinsville under "New Facilities"-name changed			
→ McCHORD Army Range (Tacoma)	272 (DTA)	26°, 1.7	BMRLZ	
→ McCHORD Tower (Wash)	396 (126.18)+		CA (ILS-W) ● :45,05(GCA)	(3); 116.1, 126.18
(A) McChord (Tacoma, Wash)(A)	7 SSW;lake SE	285	59h L5 S6	73,91,100 oct.JP-1.FOREIGN CLEARING STN.
Mecca (Danville, Ind)	0.8 WSW;hwy N	750	18 S2	80 oct.P-line E,SSE,NNW.
Mercer (Seattle, Wash)	See Bellevue Airfield under "New Facilities" - name changed			
Milroy Int,5,CC-CG (Ind)	5.5 ESE	1034	27 L3	
Moore (Zionsville, Ind)	12 NW		14 S1	80 oct. Data unver.
New Castle Western (New Castle, Ind)	2.3 NW;hwy E	1080	24 S2	80 oct. P-line N,SE. NW blkd.
New Castle (Ind)	3.2 E;hwy N	1040	29 S6	80,91 oct.N,NE blkd.
Noblesville (Ind)	1 SE;RR N	801	24 S1	80 oct. Pwrline ESE.
Northern Tacoma (Puyallup)	1.3 N;RR N,S	20	19 L S6	(Wash) Lgts prior req.
Owen Pathfinder (Camby, Ind)	2.3 S	792	32 S1	80 oct.P-line SSE,SW.Use strips
PORTLAND Range (Ore)	332(PD)(vhf)	168°,3.1	SBRAZ-DTV	(3); 116.1, 122.1
PORTLAND Tower (Ore)	278(126.18,118.3)+		AC (ILS)	(4);142.74,122.5,118.3,126.18

FACILITY	FREQ., IDENT. ARPT. LOCATION	BEAR. & DIST. ELEV.	CLASS	REMARKS FREQS. GUARDED. HRS. OF OPERATION
(NG) [Portland] (Ore)	5 NNE;riv N	19	55h L6 S6	91,100 oct.Lgts prior req.
→ Portland Birdsdale (Ore)	8.5 E;RR N	220	23 S6	80, 91 oct.
Puyallup (Wash)	6 S;hwy W	520	42 S6	80,91 oct.
R.C. Sugg (Orchards, Wash)	See Evergreen Fld (Orchards) under "New Facilities" - name changed.			
Reese Fly. Serv. (Selma, Ind.)	3.5 SW;riv W	975	20 S2	80 oct. P-line E,NE.
R.O.K. (Gresham, Ore)	2.2 W;RR S	285	26 S5	73 oct. Pwrline E, ENE
Schuler (Woodburn, Ore)	2.8 WNW;RR E	200	29	
SEATTLE Range (Boeing)(Wash)	260(SA)(116.1)	296°, 2.8	SBRAZ-DTXV	(3); 116.1, 122.1
Seattle Sky Ranch (Issaquah)	1.6 NNW;hwy S	50	25 L5 S6	80,91 oct Hill S.Lgts prior
SEATTLE Navy H Fac. (Wash)	532 (WN)		MH	(4) cont req.No ben.flood lgts.
SEATTLE NAS Tower (Wash)	230(142.74)		CN (GCA)	(3); 142.74 (8-sunset)
(N) Seattle NAS (Wash) (N)	6.5 NNE;lk E	37	51h (L6) S6	91,100 oct. NATS.
→ Seattle-Tacoma (Seattle, Wash)	10.5 S; RR E	405	61h L6	P-line NE.hills sur fld.Lgts
Shank's (Indianapolis, Ind)	6NW;hwy NE	740	32 S6	80,91 oct. req Boeing twr.
Sheridan (Ind)	2.5 N	700	23 S6	80,91 oct.P-line W.Data unver.
(P) Sky Harbor (Indianapolis, Ind)	7 ENE;hwy S,E	730	26 L S6	80 oct.P-line E,S,SE
Sky Park (Oregon City, Ore)	2.7 SE;RR NW	440	27 S6	80 oct. P-line S.
South Port Orchard (Port Orchard, Wash)	7.5 SSW;lk S	350	30 S6	80 oct.
Spanaway Acft Co.(Spanaway)	1.2 SSE;RR S	375	25 S6	80,100 oct.P-line S.(Wash)
Sportsman Arpk (Newberg, Ore)	1 E;riv SW;hwy W	173	23 S4	80 oct.Trees NNE.
STOUT Tower (Ind)	396		CA	4495 (9-18)
(A) Stout AAF (Indianapolis, Ind)(A)	5.5 WSW	714	45h L5 S4	100 oct,2nd ech maint only
Suco Arpk (Shelbyville, Ind)	0.7 SE;RR NE	800	23 S2	80 oct.P-line E.Data unver
Tacoma (Wash)	4.4 W;hwy SE	369	22 S6	80, 91 oct.
Tacoma Arpk (Tacoma, Wash)	2.9 WSW;RR E	250	20 S4	80 oct.Sharp drop W edge
Vancouver (Wash)	1 SE	26	19 S6	Ltd 80 oct. fld.
Vancouver, mun. (Wash)	6.7 ENE	240	26 S1	80, 91 oct. Hwy W.
Wells (Milwaukie, Ore)	1.3 NE;RR W	158	17 S1	80 oct. Use strips only.
White Cloud (Greenwood, Ind)	1.8 SW;hwy E	800	24 S6	80 oct.P-line N,NE,E,SE,NW
Yorktown (Ind)	0.8 S;RR N	910	20 S6	80,91 oct.P-line N,E,W.

INSTRUMENT LANDING SYSTEMS

(Localizer, Glide Path in mcs, Compass Locator in kcs)

LOCATION	LOCALIZER	G.P.	APPR.BEAR.	MARKER IDENT & MILEAGE (PLUS COMPASS LOCATORS)		
INDIANAPOLIS (L6)	109.9	333.8	44°	IM-	MM- ·—·—(0.89)	OM- ——(4.3)
				MMK-201 —··		OMK-219 ··
McCHORD (A)	109.9	333.8	337	IM- (0.24)	MM- ····· (0.85)	OM- ——(4.44)
					MMK-	OMK
PORTLAND	109.9	333.8	113°	IM-	MM- ·—·—(0.52)	OM- ——(4.81)
					MMK-	OMK-219 ····
SEATTLE-TACOMA	110.3 (W)	335	338°	IM-	MM- ·—·—(0.65)	OM- ——(4.6)
					MMK-371 ·—··	OMK-359 ···

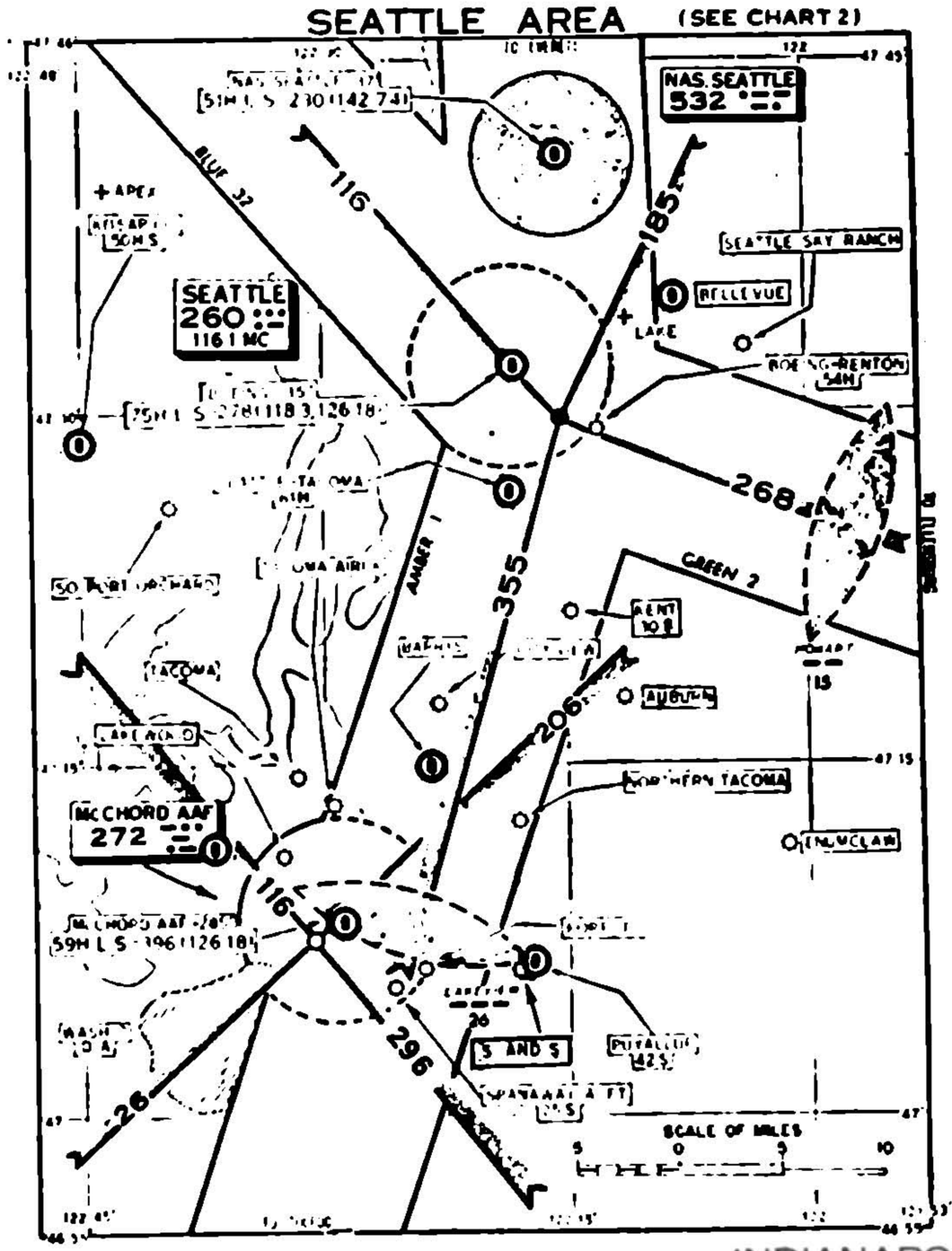
NEW FACILITIES

Bernard (Beaverton, Ore)	1.4 NNW;RR S	208	19 S6	80, 91 oct.
Columbia Co.(Scappoose, Ore)	1.2 NE;RR W	55	40h L S6	80,91 oct.Port rnwy lgts,P.
Hillsboro (Ore)	2.4 ENE;RR E	200	41h L5 S6	80,91 oct. line NNW.
Bellevue (Seattle, Wash)	9.5 E	345	22h S6	80,91 oct.Rdo prs. Rnwy data unver.
Stewart (Danville, Ind.)	2 E;hwy N	750	25 S2	80 oct.Wires N,S.Use strips.
Skylife (Fairview, Ore.)	4 W;RR N	243	28 S1	80 oct.Pwrline ESE.
Division Street (Ore.)	2.4 WNW;RR E	250	28 S6	80,91 oct,S bldk,Trees N,
Auburn (Wash.)	1.8 ESE;lk NE	276	24 S6	80,91 oct.
Evergreen Fld (Orchards, Wash.)	3.6 SSE;hwy S	510	24 S6	80 oct.Port lgts prior req.
Elliott-Martinsville (Martinsville, Ind)	2.8 WSW;RR N	600	26 S2	80 oct.P-line N,SW,NW.
S & S Airstrip (Graham, Wash)	3.9 N;hwy E	520	13	Tall grass SW.
SEATTLE NAS H Fac.(Wash.)	414 (X)		MHW	Opers cont.
Converse (Ind.)	1 W SW;hwy N	850	33	

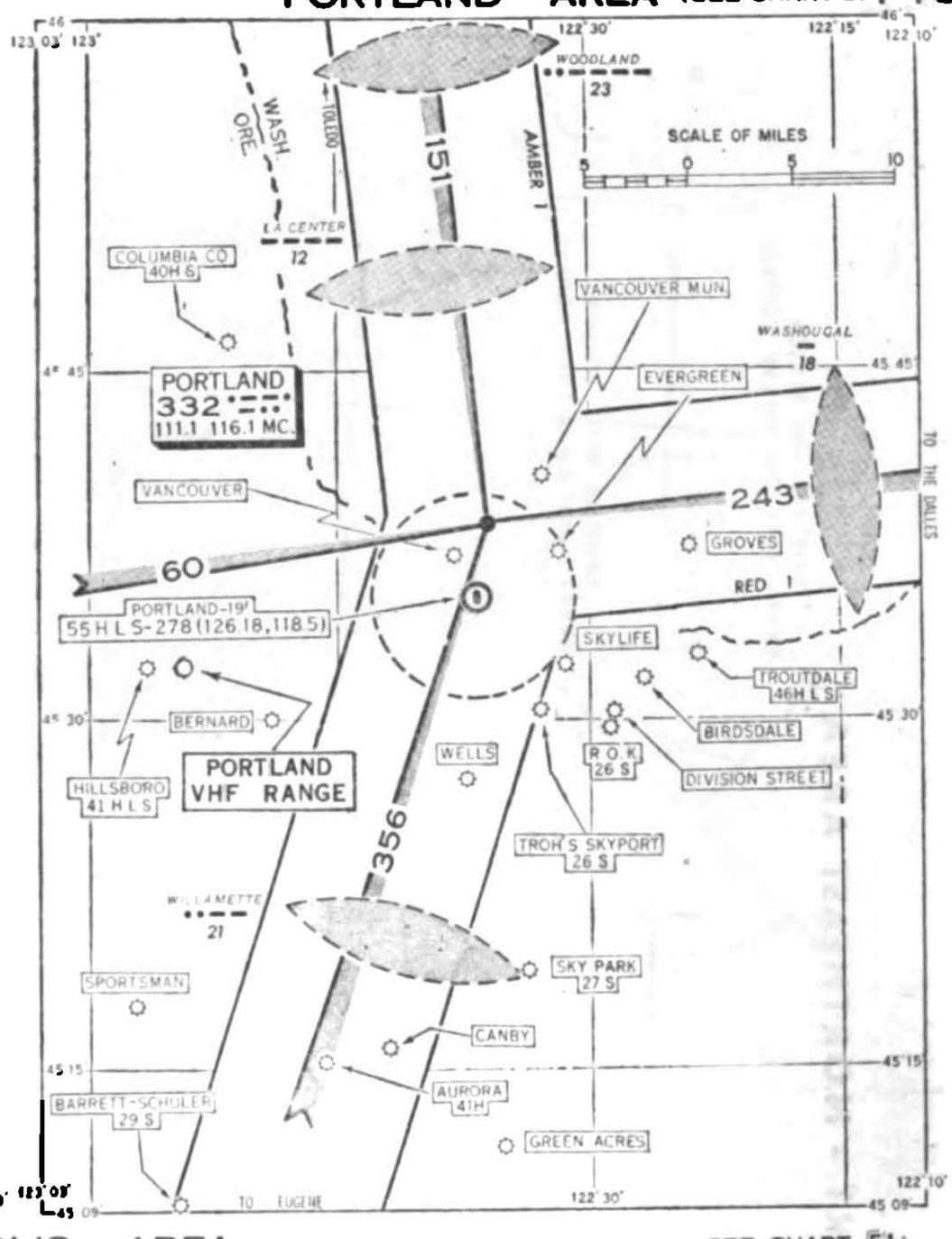
RADIO: S – Simul. Range and Voice. W – Without Voice. Z – VHF Range Station Location Marker. (3) – 3105, 4495, 6210 kcs. (4) – 3105, 4495, 6210, 3117.5 kcs. Parenthetical Numbers in Frequency Column indicate VHF Voice. (vhf) – Voice on 116.1 and 111.1 mcs. + – Army A.C.S. transmits on and guards 116.1, 137.88, 140.58 mcs. ● A.A.C.S. Scheduled Broadcast on 4765 kcs. (First Figure is Scheduled time, Second Alternate time)

AIRPORTS: h – hard surfaced runways. L – Lighting facilities. S – Servicing.(see page XIII) → New or revised data. [Jones] – Airline Stop. N. B. Radio facilities are all CAPITALIZED. Airports are indented and non-capitalized.

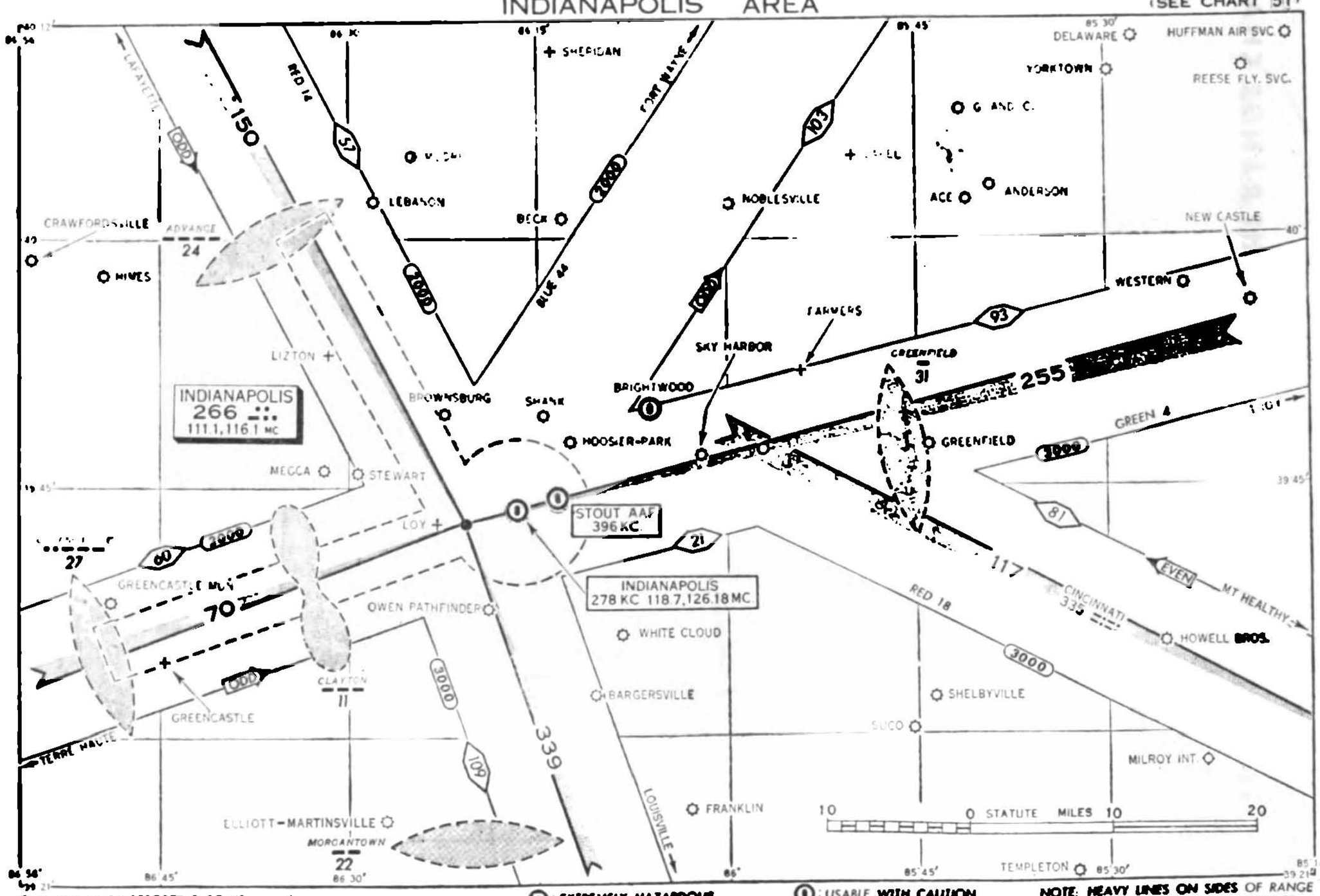
SEATTLE AREA (SEE CHART 2)



PORTLAND AREA (SEE CHART 2)



INDIANAPOLIS AREA (SEE CHART 51)



● COMPULSORY REPORTING POINT
○ NON-COMPULSORY REPORTING POINT (EXCEPT BY ATC REQUEST)

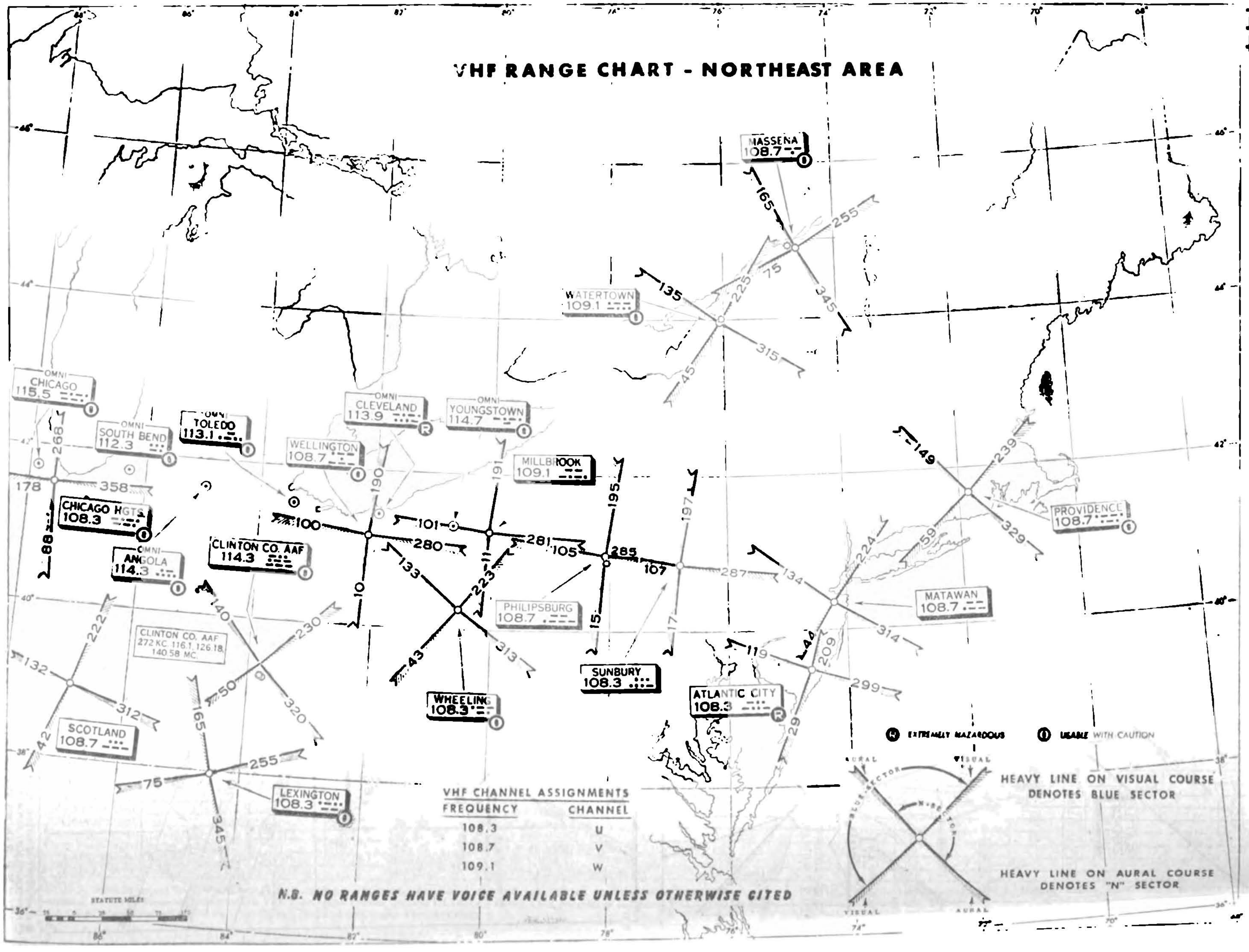
Ⓡ : EXTREMELY HAZARDOUS

Ⓓ : USABLE WITH CAUTION

NOTE: HEAVY LINES ON SIDES OF RANGE LEGS IDENTIFY "IN" QUADRANTS

FOR V.H.F. RANGES SEE CHARTS 144 TO 148.

VHF RANGE CHART - NORTHEAST AREA

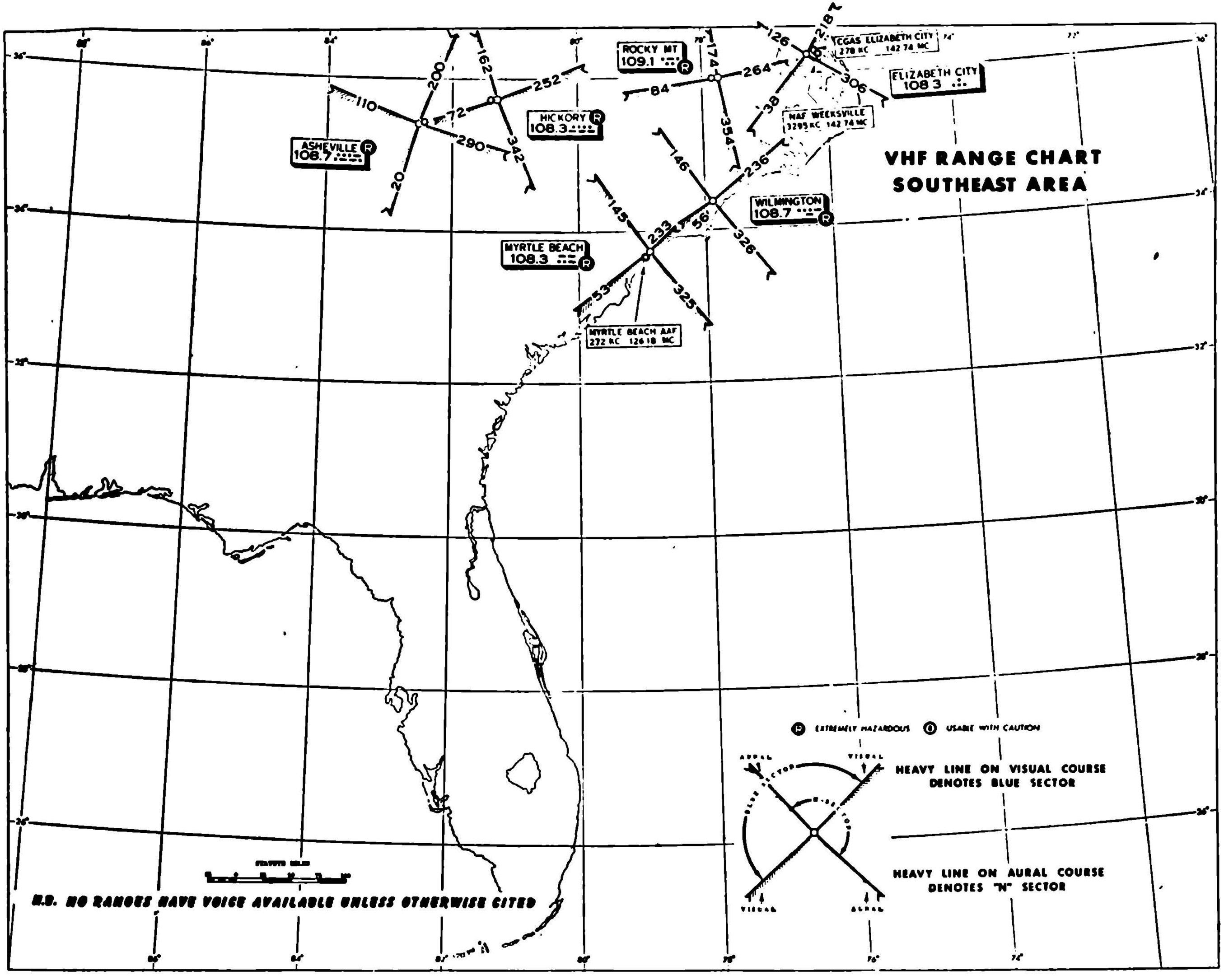


H EXTREMELY HAZARDOUS U USABLE WITH CAUTION

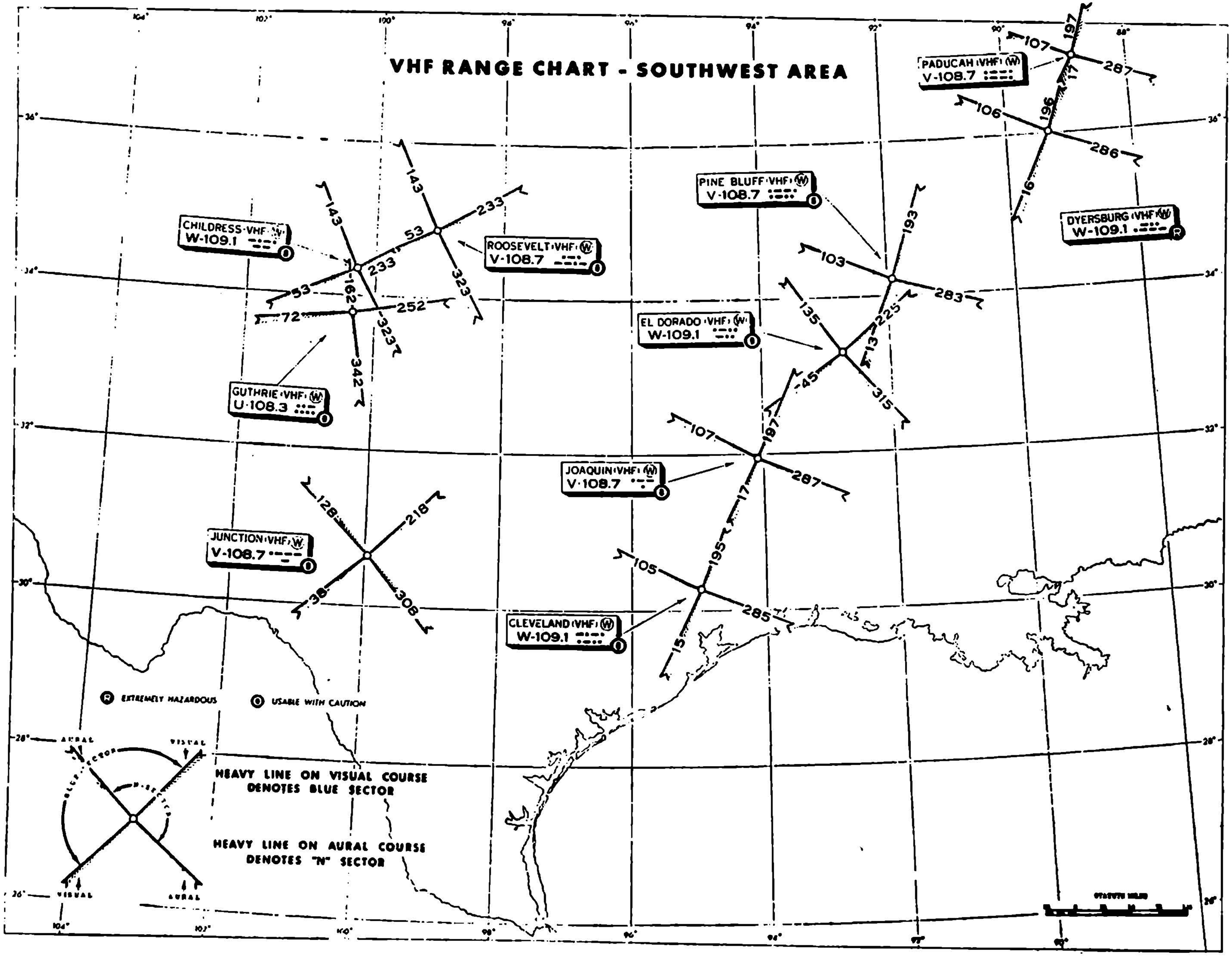
VHF CHANNEL ASSIGNMENTS

FREQUENCY	CHANNEL
108.3	U
108.7	V
109.1	W

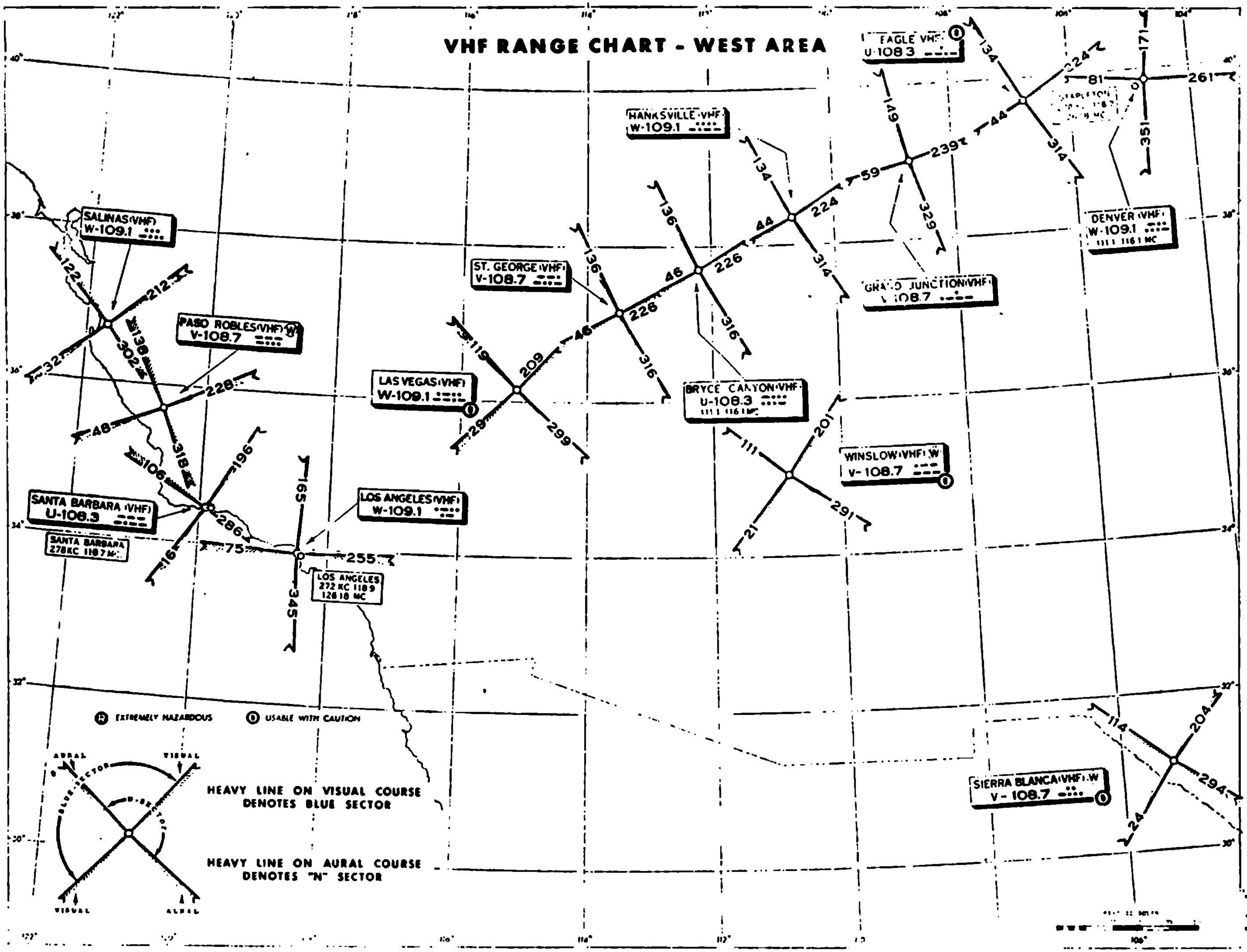
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED


VHF RANGE CHART
SOUTHEAST AREA
ASHEVILLE R 108.7
HICKORY R 108.3
ROCKY MT R 109.1
CGAS ELIZABETH CITY 278 RC 142.74 MC
ELIZABETH CITY 108.3
NAF WEEKSVILLE 328.5 RC 142.74 MC
WILMINGTON R 108.7
MYRTLE BEACH R 108.3
MYRTLE BEACH AAF 272 RC 126.18 MC
110
200
162
252
72
290
342
20
174
264
84
354
126
218
306
38
146
236
145
233
56
326
53
325
R EXTREMELY HAZARDOUS
O USABLE WITH CAUTION
AURAL
VISUAL
BLUE SECTOR
HEAVY LINE ON VISUAL COURSE DENOTES BLUE SECTOR
HEAVY LINE ON AURAL COURSE DENOTES "N" SECTOR
N.B. NO RANGES HAVE VOICE AVAILABLE UNLESS OTHERWISE CITED

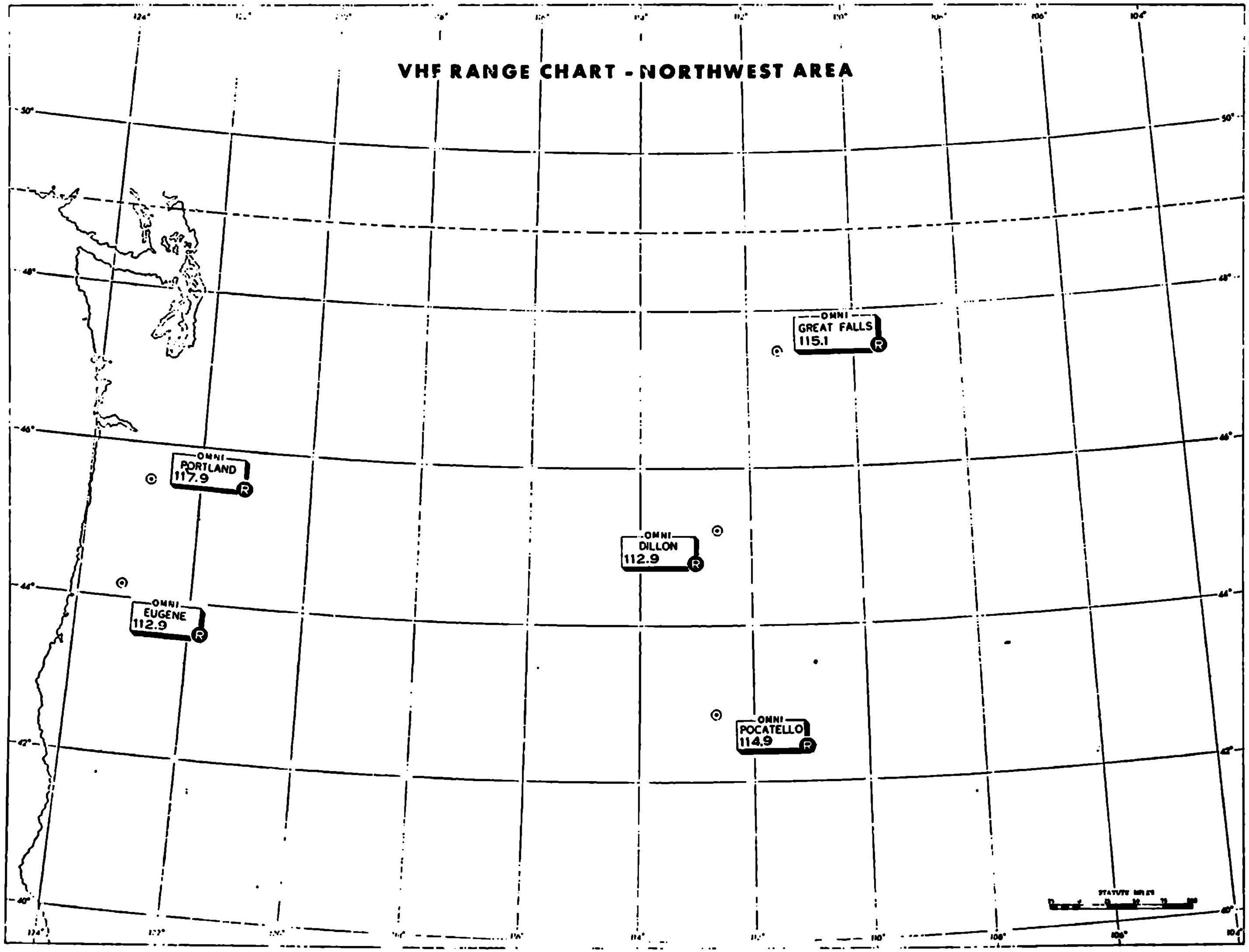
VHF RANGE CHART - SOUTHWEST AREA



VHF RANGE CHART - WEST AREA



VHF RANGE CHART - NORTHWEST AREA



AIRWAY MILEAGES

ALBANY - BOSTON	147
ALBANY - MONTREAL	195
ALBANY - NEW YORK	146
ALBUQUERQUE - AMARILLO	278
ALBUQUERQUE - DENVER	408
ALBUQUERQUE - WINSLOW	234
AMARILLO - OKLAHOMA CITY	252
AMARILLO - WICHITA	300
ATLANTA - MOBILE	299
ATLANTA - SHREVEPORT	579
ATLANTA - WASHINGTON	577
BIG SPRING - FORT WORTH	253
BIG SPRING - EL PASO	282
BILLINGS - HELENA	195
BIRMINGHAM - ATLANTA	141
BIRMINGHAM - MEMPHIS	268
BISMARCK - BILLINGS	384
BOSTON - BANGOR	210
BOSTON - BUFFALO	403
BOSTON - BURLINGTON	192
BOSTON - MONTREAL	265
BOSTON - PORTLAND	95
BROWNSVILLE - SAN ANTONIO	273
BUFFALO - CHICAGO	506
BUFFALO - DETROIT	249
CHARLESTON - CINCINNATI	452
CHARLESTON - RICHMOND	362
CHARLESTON - ST. LOUIS	475
CHARLESTON - WASHINGTON	461
CHICAGO - CINCINNATI	279
CHICAGO - DES MOINES	318
CHICAGO - MINNEAPOLIS	370
CHICAGO - ST. LOUIS	257
CLEVELAND - CHICAGO	320
CLEVELAND - DETROIT	107
DENVER - ALBUQUERQUE	408
DENVER - AMARILLO	378
DENVER - OMAHA	486
DENVER - SALT LAKE	469
DENVER - SHERIDAN	400
DES MOINES - DENVER	604
DETROIT - CHICAGO	257
EL PASO - ALBUQUERQUE	251
EL PASO - PHOENIX	383
EL PASO - SAN DIEGO	666
FARGO - BISMARCK	187
FORT WORTH - EL PASO	545
FORT WORTH - OKLAHOMA CITY	181
FORT WORTH - MONROE	310
GREAT FALLS - BILLINGS	202
GREAT FALLS - SALT LAKE	488
GREAT FALLS - SPOKANE	299
GREENSBORO - ATLANTA	307
HELENA - SPOKANE	209
HOUSTON - ALICE	222
HOUSTON - CORPUS CHRISTI	184
HOUSTON - DALLAS	267
HOUSTON - FORT WORTH	271
HOUSTON - SAN ANTONIO	238
INDIANAPOLIS - ST. LOUIS	222
JACKSONVILLE - ATLANTA	275
JACKSONVILLE - CHARLESTON	208
JACKSONVILLE - NEW ORLEANS	529
KANSAS CITY - CHICAGO	413
KANSAS CITY - DENVER	568
KANSAS CITY - HURON	416
KANSAS CITY - MINNEAPOLIS	471
KANSAS CITY - ST. LOUIS	265
KEY WEST - MIAMI	157
KNOXVILLE - NASHVILLE	151
LAS VEGAS - SALT LAKE	370
LOS ANGELES - LAS VEGAS	277
LOS ANGELES - SALT LAKE	647
LOS ANGELES - SAN FRANCISCO	362
MEMPHIS - FORT WORTH	468
MEMPHIS - NEW ORLEANS	349
MEMPHIS - ST. LOUIS	261
MEMPHIS - TULSA	362
MIAMI - JACKSONVILLE	334
MIAMI - TAMPA	222
MINNEAPOLIS - FARGO	228
NASHVILLE - MEMPHIS	205
NEW ORLEANS - HOUSTON	313
NEW YORK - BUFFALO	291
NEW YORK - BOSTON	193
NEW YORK - CLEVELAND	433
NEW YORK - PITTSBURGH	335
NEW YORK - ROCHESTER	277
NEW YORK - SYRACUSE	193
NEW YORK - WASHINGTON	228
OKLAHOMA CITY - WICHITA	158
PENDLETON - SALT LAKE	495
PHILADELPHIA - PITTSBURGH	258
PHOENIX - LOS ANGELES	369
PITTSBURGH - CLEVELAND	124
PITTSBURGH - INDIANAPOLIS	353
PITTSBURGH - NEW YORK	361
PORTLAND - BANGOR	115
PORTLAND - PENDLETON	185
PORTLAND - THE DALLES	73
PORTLAND - SEATTLE	131
RICHMOND - WASHINGTON	98
ROANOKE - KNOXVILLE	244
SACRAMENTO - SAN FRANCISCO	76
ST. LOUIS - CHICAGO	257
ST. LOUIS - KANSAS CITY	205
ST. LOUIS - MEMPHIS	261
SALT LAKE - BUTTE	379
SALT LAKE - GREAT FALLS	488
SALT LAKE - SACRAMENTO	549
SAN ANTONIO - CORPUS CHRISTI	168
SAN ANTONIO - BIG SPRING	267
SAN ANTONIO - DALLAS	251
SAN ANTONIO - FORT WORTH	258
SAN DIEGO - LOS ANGELES	106
SAN FRANCISCO - PORTLAND	574
SAN FRANCISCO - SALT LAKE	625
SAN FRANCISCO - SEATTLE	705
SEATTLE - SPOKANE	245
SHERIDAN - GREAT FALLS	307
SPOKANE - PENDLETON	161
SPOKANE - SEATTLE	245
TALLAHASSEE - BIRMINGHAM	297
TALLAHASSEE - NEW ORLEANS	363
TAMPA - TALLAHASSEE	225
TULSA - ALBUQUERQUE	629
WASHINGTON - CHARLESTON	267
WASHINGTON - GREENSBORO	271
WASHINGTON - NEW YORK	226
WASHINGTON - PITTSBURGH	190
WASHINGTON - ROANOKE	196
WICHITA - KANSAS CITY	176
WINSLOW - LOS ANGELES	502

N.B. The attempt to superimpose VHF ranges cartographically upon the low frequency system practically nullified the Guide charts for either VHF or LF navigation.

It was decided, therefore, to give the VHF ranges separate coverage. With the Guide's stringent page limitations, separate VHF range charts necessitated the elimination of the Civil Airways and Mileage Charts. Specific flight advisory and traffic control area boundaries and specific fix mileages, however, may still be found on the individual Guide Charts.

It is hoped that the mileages tabulated above facilitate flight planning because the addition of small sector mileages is no longer necessary.

NOTICES TO AIRMEN

SPECIAL NOTICES

ARMY DATA: Advice covering Army fields or Army operations on civil fields, or Army radio facilities, and also Air National Guard fields and facilities should be forwarded to Commanding General, Air Transport Command, ATTN: Flight Operations Division, A-3. Requests for approval of the closing of Army airfields or restrictions in airfield facilities to transient military aircraft for over 10 days should be forwarded to the same address for submittal to Headquarters Army Air Forces, as required. Restrictions in Air National Guard Fields or facilities will be forwarded to the National Guard Bureau through the State Adjutant General for approval. That Bureau will forward approved restrictions to the above address for publishing. Information to be published will be coordinated and submitted to the Civil Aeronautics Administration.

NAVY DATA: In accordance with Hydrographic Office Memorandum for Aviators No. 9, July 29, 1946, Hydrographic Office information concerning naval and marine corps air stations and facilities, including changes in field facilities, operation rules, air/gnd communications facilities, instrument approach procedures and navigational aids, should be directed to: The Division of Air Navigation, Hydrographic Office, Washington 25,D.C. for transmittal to the Civil Aeronautics Administration. In accordance with Aviation Circular Letter No. 96-46 of June 13, 1946, approval for the closing of any naval or marine corps air station or facility to transient military aircraft for a period in excess of 10 days must be obtained from the Chief of Naval Operations. Also, approval is to be obtained from the Chief of Naval Operations before relocation or modification of any aid to air navigation, such as reorientation of radio ranges.

CIVIL DATA: The Airman's Guide covers primarily two broad fields of civil airport information, namely so-called permanent data changes and temporary hazardous conditions. Permanent airport data refer to new airports or changes in field layout, servicing, lighting, or permanent obstructions of existing airports. Temporary hazardous conditions refer to conditions that make such airports temporarily unusable or usable only with caution. Such hazardous conditions could be, for example, a field closed because of floods, spring thaws, or construction; or merely a burned-out obstruction light or a runway partially unusable because of construction. Obviously, temporary hazardous conditions should be reported to the aeronautical public at once. The necessity for reporting additional aids or minor changes in existing aids, however, isn't nearly as cogent In other words, a temporarily closed airport is ordinarily of much more importance from a safety angle than is a new airport, and the aeronautical public should be told about it as expeditiously as possible.

Notamizing of advice covering a field unusable because of flood, or snow, a runway closed because of construction, or the erection of a pole-line in an approach, doesn't necessitate an engineering background on the part of the reporter Too, safety frequently necessitates the notamizing of such advice before an official check can be made. On the other hand, advice covering permanent airport data changes, such as a new airport, or a lengthened landing strip, or an additional hangar, obviously doesn't require the same expeditious transmission to the aeronautical public, and the data may be checked from an engineering standpoint and for standardization before being publicized.

SUMMATION: (a) Since the aeronautical public should be immediately advised of hazardous conditions, reporters should utilize the CAA Airways Communications Stations The item to be reported, therefore, should either be telephoned or mailed to the nearest communications station for dissemination as a notam and for further transmission to the publishers of the Airman's Guide.

(b) Permanent airport data changes (as differentiated from temporary hazardous conditions) should be reported to the appropriate CAA District Airport Engineer for coordination before they are included in the Airman's Guide.

USE OF AIRPORTS BY MILITARY AIRCRAFT: (1) AAF REGULATION 65-2: The attention of Army clearance personnel and of Army pilots is invited to the provisions of Section III, AAF Regulation 65-2 and AAF Regulation 65-2A, which state in part: "Except for those Army aircraft assigned to civil contractors or agencies under bailment contract, no Army aircraft will utilize civil airports which have not been leased, purchased, or where AP-4 or similar landing rights agreements have not been negotiated by the Government, except in case of emergency or in case of official business. Each instance of flights in AAF aircraft for official business will be covered by competent air force, major air command, or higher authority orders. Each instance of flights for official business in organic aircraft of the Army Ground Forces will be covered by written orders of the commander of the unit to which the aircraft is assigned. These written orders must designate the field of intended landing. Unauthorized use of such airports is a substantiating factor in claims for damage with accompanying requests to the Government to bear maintenance and repair costs or to provide Government equipment at such civil airports. Notation will be made by clearing authorities in Remarks section of AAF Form 23 that competent authority authorizes use of such fields and will be transmitted in Remarks Section of the flight plan as 'authorized flight'. All landings by military aircraft without competent written orders on inactive, temporarily inactive Army airfields and civilian airports, except in case of emergency, will be limited to the ones identified by letters "A, N, NG, or P" in the Airman's Guide. It is the responsibility of the various air forces, major air commands and certain field activities under the direct control of the Commanding General, AAF, to prevent unauthorized use of airfields and airports as outlined in this Regulation".

2. "OFFICIAL BUSINESS" within the meaning of AAF Regulation 65-2 is interpreted as the necessity for personnel aboard an aircraft to contact personnel, units, or organizations at or near the airfield selected for landing for the puspose of conducting transactions in the service of, and in the interest of, the United States Government. This does not include the use of an airfield by transient aircraft for the purpose of obtaining clearance, service, or other items attendant with itinerant operations. Cross country flights for the purpose of maintaining flying proficiency are not considered to be official business within the meaning of this regulation.

3. POLICY OF ARMY USE OF TEMPORARILY INACTIVE AIRFIELDS: (a) Municipal airfields which have been used jointly by the Army Air Forces and civil interests and at which Army facilities are temporarily inactive but the civil facilities are still active, may continue to be used by military aircraft. No servicing other than that provided by commercial concerns will be available. Such airfields will be identified herein (directory section only) by the following notice: "ARMY TEMP INACTIVE - CIVIL FACS" (b) Temporarily inactive Army airfields used exclusively by the Army Air Forces (either owned or leased) or municipal airfields used jointly by the Army Air Forces with civil interests at which both Army and civil facilities are inactive will be available to military aircraft at the discretion of the Commanding Officer of the organization to which the aircraft is assigned. Such airfields will be identified herein (directory section only) by the following notice: "TEMP INACTIVE. NO FACS.". Above policy statement is not to be construed as countermanding any AAF Regulations or letters governing command use of municipal airports or Army airfields.

4. "CLOSED" ARMY AIRFIELDS: Under the provisions of AAF Regulation 60-23 or under specific direction of the CG, AAF, from time to time certain airfields under the jurisdiction in whole or in part of the Army Air Forces will be listed as "CLOSED": Such as, (a) Fields closed to all transient traffic except on official business or in emergency; (b) Fields that have been declared surplus to the AAF and on which permits have not been issued for civil use or which have not been otherwise disposed of by WAA. The listing "CLOSED" will appear in the directory section only. Airfields so designated will be used on official business only under written orders in each case.

CLEARANCE OF AAF AIRCRAFT: National Guard Units are not authorized to clear AAF aircraft. At bases occupied solely by National Guard, clearance for AAF aircraft will be obtained from Flight Service in accordance with provisions of paragraph 2, AAF Regulation 60-22.

ARMY FOREIGN CLEARING STATIONS: Under the authority of AAF Regulation 61-4, Army aircraft with destinations listed below or returning therefrom to the United States will clear through the stations indicated: AFRICA AND AZORES - Brookley Fld, Ala., MacDill Field, Fla., Washington National Arpt, D.C., or Westover Field, Mass. ALASKA - McChord Fld, Wash., or Great Falls AAF, Mont. BERMUDA - Mitchel Field.

✓ Indicates new or revised Special Notices

N.Y., Brookley Fld, Ala., MacDill Field, Fla., Washington National Airport, D.C., or Westover Field, Mass. CANADA - Great Falls AAF, Mont., Brookley Field, Ala., McChord Fld, Wash., Washington National Airport, D.C., Selfridge Field, Mich., or Westover Field, Mass. CANAL ZONE, CENTRAL AMERICA, MEXICO, AND SOUTH AMERICA - March Field, Calif., MacDill Field, Fla., Kelly Field, Tex., or Brookley Fld, Ala. CARIBBEAN - Brookley Fld, Ala., Kelly Fld, Tex. or MacDill Field, Fla ENGLAND, GREENLAND, ICELAND, AND NORTH IRELAND - Washington National Arpt., D.C., or Westover Field, Mass. NOVA SCOTIA AND NEWFOUNDLAND - Washington National Arpt., D.C., Westover Field, Mass., Selfridge Field, Mich., or Brookley Fld, Ala. HAWAII - Fairfield-Suisun AAF, Calif. EUROPEAN THEATER - Brookley Fld, Ala., MacDill Fld, Fla., Washington National Arpt., D.C., or Westover Fld, Mass.

PILOT PROCEDURES WITH FLIGHT SERVICE, USING AAF MILITARY FLIGHT SERVICE COMMUNICATIONS SYSTEM (PLAN 62): (1) Departure from AAF Bases: No change. References: AAF Regulations 15-25 and 60-22 (2) Departure from non-AAF Bases: All pilots of AAF aircraft departing from a non-AAF base will file a complete flight plan, with, and when necessary secure approval from, the nearest Flight Service Center prior to take-off, or as outlined in AAF Regulation 60-22. Communication with a Flight Service Center may be established by a collect telephone call. When a telephone is not available the nearest AAF base or AACS station may be contacted by radio After obtaining the Flight Service approval, pilots contemplating flight under Instrument Flight Rule conditions will secure a CAA Airway Traffic Control clearance The CAA clearance normally can be obtained more rapidly by contacting CAA direct through CAA communications facilities. However, if CAA commun. facs. are not available, the CAA clearance may be obtained through Flight Service. (3) Change of Contact Flight Rule (CFR) Flight Plan Enroute: AAF aircraft requiring a change of route or point of first intended landing of a CFR flight plan enroute will contact Flight Service through an AACA airway radio station or control tower, submit the information required by AAF Regulation 60-22 and, when necessary, secure Flight Service approval. (4) Change of IFR Flight Plan, or CFR to IFR, or IFR to CFR Enroute: Any AAF aircraft requiring a change or route, altitude, point of first intended landing, cruising speed, or alternate airport, or change from CFR to IFR, or IFR to CFR, enroute will contact a CAA communications station for CAA Airway Traffic Control clearance and Flight Service approval if necessary. Pilots possessing clearance authority must furnish Flight Service their new flight plan. If communication with a CAA communications station cannot be established, an AACS airways radio station will be contacted for coordination between CAA and Flight Service and to obtain CAA Airway Traffic Control clearance and Flight Service approval when necessary. (5) CFR Position Reports: When flying under CFR conditions, pilots will make position reports, wherever practicable, to AACS airway radio stations enroute and receive any necessary advisories from Flight Service. One position report each 30 minutes is considered adequate. (6) IFR Position Reports: When flying under IFR conditions, pilots will first make position reports to CAA communications stations as heretofore required by Civil Air Regulations, and then to AACS airways radio stations en route, and receive any pertinent Flight Service advisories (7) Voice Calls: AACS airways radio stations will be called by the location name followed by the word "airways", such as "Bolling Airways". This is distinct from the CAA radio call system which uses the location name followed by the word "radio", such as "Washington Radio". (8) Arrival Reports at non-AAF Bases: Arrival reports from fields where there is no established AAF Base Operations will immediately be sent by the most expeditious means available or by a collect telephone call to the nearest Flight Service Center. (9) RON Messages: At bases not connected with Flight Service Centers by military interphone, pilots may file RON messages via long distance telephone to the Flight Service Center at the time the arrival report is filed (10) All VHF equipped aircraft will be provided with a card to be prominently mounted near the VHF control box which will specify button, frequency, and service obtainable. An Index of AACS airways stations within the U.S., together with a listing of the assigned frequencies, may be found on pages 100 and 101 of T.O. 08-15-1. The following table displays the channels and frequencies normally used to contact the various communication installations:

Button	Frequency	Service	
A	116.1 mcs.	CAA AIRWAYS (RANGE STATIONS)	** AACS Airways
B	126.18 mcs.	CONTROL TOWERS	(Plan 62)
C	137.88 mcs.	AACS AIRWAYS (PLAN 62)	** Control Towers
D	140.58 mcs.	MILITARY EMERGENCY & GCA FINAL APPROACH	

** Available for service indicated on a secondary basis. CONTROL

(11) It will be some time before all AAF aircraft are equipped for operation on AACS airways frequencies. It is not the intent that pilots flying aircraft not so equipped attempt to make position reports to Flight Service as described above. Emergency Flight Service advisories, however, may be transmitted to such aircraft on the AAF control tower frequency Aircraft which are equipped for operation on AACS airways frequencies will contact airways station whenever possible rather than AAF control towers. (12) The following list of telephone numbers will be used for contacting military Flight Service Centers:

CAA AREA	FLIGHT SERVICE AREA	PHONE NO.
Washington; Pittsburgh; New York; Boston	Olmsted Flight Service Center Middletown, Penna.	Steelton 93387 Steelton 93470
Jacksonville; Miami	MacDill Flight Service Center Tampa, Fla.	Tampa H-4671
Memphis; New Orleans; Atlanta	Maxwell Flight Service Center Montgomery, Ala.	Montgomery LD 89
Cleveland; Cincinnati; Detroit;Chicago;St. Louis	Wright Flight Service Center Dayton, Ohio	Osborn 88691 Osborn 88692
Ft. Worth; San Antonio; part of El Paso	Ft. Worth Flight Service Center** Fort Worth, Tex.	Fort Worth 77251
Denver; Minneapolis; Kansas City	Lowry Flight Service Center Denver, Colo.	Denver LD 116 LD 117
Los Angeles;Albuquerque; part of El Paso	March Flight Service Center** Riverside, Calif.	Riverside 7107 Riverside 7108
Oakland; Salt Lake	Hamilton Flight Service Center Hamilton Field, Calif.	San Rafael 770 San Rafael LD-20
Great Falls;Seattle	McChord Flight Service Center Tacoma, Washington	Tacoma LD-20 Tacoma LD-21

**REVISION OF ARMY FLIGHT SERVICE CENTER AREAS: The boundary between the March and Fort Worth Flight Service Areas has been moved. That part of the El Paso CAA area lying E of the following points now falls within the Fort Worth Flight Service Area; that part lying W within the March Flight Service Area: From 25 miles SE of the Clarendon Range, thence SSW to lat. 33°, long. 101°35', thence W to 33°-104°, thence S to 31°-104°, thence W to the U.S.-Mexican Border at 31°-105°34'.

IFR CLEARANCE OF ARMY AIRCRAFT: Except as outlined below, no Army aircraft will be cleared for instrument flight unless such aircraft is equipped with a low frequency radio receiver capable of reception in the 200 to 400 kc. band. The BC-1206 (Detrola) receiver is not considered adequate as regards compliance with this directive. Aircraft not so equipped may be permitted to clear under IFR when the instrument type clearance is necessitated by reduced local visibility caused by fog, smoke, or haze, or when the flight will not be conducted under conditions which will require navigation by radio.

CLEARANCE OF AAF AIRCRAFT IN NEW YORK CITY AREA: In accordance with notification from Headquarters, Army Air Forces, July 2nd AAF Letter 63-9 has been rescinded and the following instructions will govern the clearance of AAF aircraft in the New York City Area: For clearance purposes into or from the New York City Area (encompassed by a 25 mile radius from the southern tip of Manhattan) CFR is defined as ceiling at least 2000' and visibility 3 miles or more; IFR when the visibility is not less than one mile and the ceiling is unlimited, or when the ceiling is not less than 5000' and the visibility not less than 2 miles. AAF aircraft flying into

the New York City Area may be cleared to any authorized field therein provided weather conditions are not less than those defined above. In all cases in-flight approval from Olmsted Flight Service Center by contacting Olmsted Airways, Rome Airways, Westover Airways, Mitchel Airways, or Ft. Dix Airways must be obtained prior to proceeding to the field of destination. All pilots whose destination is an airfield within the area will indicate on the AAF Form 23 that their flight plan to the field of destination is via any of the five stations listed. Flights for which the point of first intended landing is Mitchel Field may be made using normal clearance procedure and restrictions outlined herein are not applicable to that station. AAF aircraft engaged in regularly scheduled transport flights under the operational control of the Air Transport Command are exempt from these restrictions.

SELECTION OF WEATHER ALTERNATES BY ARMY PILOTS: In accordance with policy stated by the CG, AAF April 7, 1947, Army pilots are not to be refused IFR clearances because of selection of other than "A, N, NG, or P" fields as an alternate. The selection of an alternate airport is a planned procedure to be resorted to in case of emergency and any suitable airport, military or civilian, will be accepted for clearance purposes. Concerning this policy, it is pointed out that pilots who do utilize other than "A, N, NG, or P" fields under such circumstances may be called upon to justify their use of same.

V.H.F. CHANNEL ASSIGNMENTS:

Following are Army assignments:

Channel	Frequencies
A	116.1
B	126.18
C	137.88
D	140.58
G	137.70
H	134.10
U	108.3
V	108.7
W	109.1

Following are Navy assignments:

Channel	Frequencies
1	116.1
2	142.56
3	126.18
4	128.70
5	143.28
6	134.64
7	143.64
8	142.02
9	142.74
GUARD	140.58

ARMY DISTRESS, AND SEARCH AND RESCUE PROCEDURE: 1. When an aircraft is in distress and the pilot is unable to establish two-way communication on any frequency, he will transmit as follows: "Mayday. Mayday. Mayday. This is Army 1 2 3 4, this is Army 1 2 3 4, this is Army 1 2 3 4, my approximate position is --, Over." Pilot may follow this emergency transmission with any other information he deems necessary. Although Channel "D" (140.58 mcs) has been designated as the Joint Army-Navy emergency frequency, the pilot in distress will use any or all frequencies at his disposal. Communication coverage on various frequencies will vary depending upon the location of control tower, airways, VHF/DF, and other radio stations. 2. To request escort by Air Rescue Service rescue plane when two-way communication can be established, aircraft in distress will: (a) Contact Flight Service through nearest AACS airways station. (b) Give position report; if position is not known, request QTF (Fix). (c) Give nature of trouble, also estimated time plane can remain aloft. (d) Follow instructions transmitted by Flight Service. (e) Follow instructions of Air Rescue Service aircraft after contact is accomplished. 3. To report sighting of crashed aircraft: (Note: Previously reported and identified crashes are marked with yellow paint). (a) Contact Flight Service through nearest AACS airways station. (b) Give position of crash. (c) Evidence of survivors, type and number of aircraft (if possible). (d) Follow instructions transmitted by Flight Service. (e) Immediately after landing make a complete report for transmission to the nearest Air Rescue Unit; also notify nearest Army Air Forces installation.

SERVICING FOR ARMY AIRCRAFT: Transient Army servicing is usually available at active Army airfields and, when available, is indicated in the remarks column, data section by an "S" designation (as defined under data legend) and octane ratings of gas are shown. At airport designated by a single (A) in the "Airman's Guide" (joint use with civil interests), Army servicing is available unless remarks column carried "ARMY TEMP INACT-CIVIL FACS." Notation is given in remarks column to servicing available for military aircraft: for example, "91,100 oct. Army" This may be contract service. As a matter of policy, limited servicing and maintenance will be available to transient military aircraft at Air National Guard Fields (on Form 15) Notation with regard to available facilities will be shown in the remarks column; for example, "91,100 oct. NG". At (P) or civil fields, military servicing or Army contract fuel will not be available; servicing may be secured in emergency only on a Form 15. Army servicing may be procured at Navy fields on a Form 15.

✓ REVISION TO ARMY FLIGHT CLEARANCE PROCEDURE: Effective August 15, 1947, within the continental limits of the U.S., flight clearance procedure is revised as follows: (Conflicting portions of AAF Regulation 15-23 and 60-16 are being rescinded): All written weather data will be eliminated from Form 23. Forecaster will indicate on Form 23 whether the flight should be conducted under IFR or CFR conditions. A verbal briefing consisting of at least the following factors will be given: (1) Existing synoptic situation and terminal forecast for destination, and if required, for alternate. (2) Existing route weather. (3) Location of pertinent hazardous weather areas and recommended procedures for avoiding them. The pilot will certify on Form 23 as follows: "I have been adequately briefed on the current and forecast weather affecting my flight and I understand the weather situation". A written or cross section forecast will be furnished only upon request submitted two hours in advance. At non-AAF bases and AAF bases where no forecaster is on duty, the appropriate Flight Service Center forecaster will brief the pilot verbally over the interphone system or telephone: The Flight Service dispatches will monitor receipt of pilots acknowledgment of adequate weather briefing.

CIVIL USAGE OF MILITARY FIELDS: Army and Navy fields are open to civil fliers only in emergency or with prior permission of the commanding officers thereof

---

✓ REISSUANCE OF EXPIRED PILOTS CERTIFICATES: 20.550 Reissuance: Any person who on June 30, 1947, held a valid private or commercial certificate and who failed to exchange such certificate in accordance with Section 20.55 of the Civil Air Regulations, may, notwithstanding such failure and without other showing, obtain a pilot certificate with appropriate ratings upon application to the Administrator.

✓ PERSONAL POSSESSION OF PILOT CERTIFICATE: No person shall pilot a civil aircraft within the U.S. unless he holds a valid pilot certificate with appropriate ratings issued by the Administrator or an appropriate and valid foreign pilot certificate. Such certificate shall be in the personal possession of the pilot at all times while piloting aircraft and shall be presented for examination to any inspector of the Administration or State or local law enforcement officer upon the request of such inspector or enforcement officer.

✓ ISSUANCE OF STUDENT PILOT CERTIFICATES AND TEMPORARY STUDENT PILOT CERTIFICATES. DURATION OF PILOT CERTIFICATES WITH PRIVATE OR COMMERCIAL RATING: The purpose of this regulation is to provide that (1) an authorized representative of the Administrator, as well as the Administrator, may issue student pilot certificates, (2) temporary student pilot certificates as well as pilot certificates with private or commercial rating may be issued by the Administrator or his authorized representative, and (3) pilot certificates with a private or commercial rating shall not have a prescribed expiration date. Effective July 22, 1947, Part 20, of the C.A.R. was amended to read in part as follows: "20.00 Issuance. A student pilot certificate will be issued by the Administrator or his authorized representative to an applicant who meets the applicable requirements." "20.51 Duration. (A) A student pilot certificate shall expire 24 calendar months after the month of issuance. (b) a pilot cer-

tificate with a private or commercial rating shall remain in effect unless it is suspended, or revoked, or a general termination date for such certificate is fixed by the Board." "20.52 Temporary certificates. The Administrator or his authorized representative may issue a temporary student pilot certificate or a temporary pilot certificate with a private or commercial rating for a period of not to exceed 90 days, subject to the terms and conditions specified therein by the Administrator. 20.53, Reinstatement, repealed.

NOTICE TO ALL FLYING PERSONNEL: Because of the increase in aircraft operations, both civil and military, in recent months, the number of complaints regarding airplane noise nuisance has reached such proportions that the advancement of aviation and development of new airports are in danger of being severely retarded. To reduce the number of such complaints, it is requested that the following practices be put into effect by all fliers: (1) Discontinue all unnecessary low flying. (2) When weather and traffic volume permit, increase altitudes of all traffic patterns that require flight over inhabited areas. (3) Re-route channels of approach and departure to avoid residential and business districts whenever possible. (4) If the airport is located near inhabited areas, reduce power and increase pitch of propellers as quickly as possible during take-off so as to keep engine and propeller noises at a minimum (5) Keep rpm's set at a minimum required operational setting when low flying over populated areas is necessary.

✓ SEAPLANE BASE DIRECTORY: A new Seaplane Base Directory, dated June 15, 1947, has been mailed to all seaplane base operators and seaplane owners on record It is obvious from correspondence received that not all operatbrs and owners received their copies. This is notice, therefore, that any qualified non-recipient may have a copy upon request to: Office of Aviation Information, Attention: A-258, C.A.A., Department of Commerce, Washington 25, D.C.

RADIO TELEPHONE-OPERATION AUTHORIZATION: This is the simple way in which an authorization to operate a radio telephone transmitter in an aircraft is obtained: the applicant appears in any of the Federal Communications Commission field offices, or before any CAA flight examiner of the CAA, who has been designated by the FCC to issue the permits, proves he is a United States citizen, that he has need of such an authorization, and that he understands the few simple rules and regulations. He is given a card granting the authorization then and there. FCC offices are listed under U.S. Government in phone books, and there are some 30 of them throughout the country. Mostly, they are in downtown offices. There are more than 1,000 CAA designated flight examiners. Mostly they are located at airports. The "examination", if it may be so described, consists of a few questions establishing the ability of the applicant to transmit and understand spoken messages in English, and to understand the simple rules governing the use of such equipment. He is also given simple, printed instructions for its use.

V.H.F. IFR FLIGHTS: Until further notice, Air Traffic Control will be exercised on the assumption that aircraft are utilizing intermediate frequency radio ranges. If a pilot desires to conduct IFR flight using VHF ranges over all or a portion of the route, his flight plan should so indicate. Further, flight should not be conducted on civil airways in IFR weather using VHF ranges unless the ATC clearances so authorize. (See pages 144, 145, 146 for VHF range coverage).

NEW PRIVATE FLIER VHF FREQUENCIES: All CAA Communications Stations and Towers are discontinuing receiving watches on 131.7 mcs. and 131.9 mcs. as new equipment becomes available to guard the new private flier frequencies of 122.1 mcs. for transmission to CAA Communications Stations and 122.5 mcs. for transmission to CAA operated towers. Practically all CAA towers now guard 122.5 mcs. but the communications station program is not fully effective yet because of non-receipt of the new receivers. CAA Communications Stations normally reply to itinerant aircraft on the voice feature of the range, low frequency or VHF, whichever is applicable. Replies are made on 111.1 mcs if VHF reply has been requested on other than range frequency. CAA airport control towers will reply to itinerant aircraft on one of the frequencies 118.3, 118.5, 118.7, or 118.9 mcs: in addition to towers' low frequencies. See individual data pages in the Airman's Guide for inclusion of these frequencies as commissioned.

U. S. WEATHER BROADCASTS AND TRANSMISSIONS: The time of observation for all weather reports is 30 minutes after the hour, unless otherwise announced. Pilots enroute are requested to avoid, if possible, calling airway communications stations at or about 15 and 45 minutes past the hour (which are the scheduled broadcast times) to request weather information, as such calls may delay starting of scheduled broadcasts and cause inconvenience to other persons who are dependent on the broadcasts for weather reports.

RADIOTELEPHONE COMMUNICATIONS: The word ROGER in radiotelephone communications means "I have received all of your last transmission", and its use in any other sense by CAA stations and towers is not authorized. In order to avoid confusion it is suggested that pilots engaging in air-ground contacts also limit the use of ROGER to acknowledgment of transmissions.

INSTRUMENT FLIGHT, NEW YORK METROPOLITAN AREA: Revised arrival, departure, holding instrument approach and control procedures utilizing new radio aids were placed in effect in New York Metropolitan Area. Non air carrier pilots proposing instrument flight through this area or to or from Newark, Mitchel, or La Guardia Fields should write the Chief Controller, New York Air Traffic Control Center, Box 575, La Guardia Field, New York, for copies of applicable Operations Letters describing these procedures

---

CFR FLIGHT PLANS, AND ARRIVAL REPORTS: CFR flight plans may be filed with any CAA airways communication station or airway traffic control center. One hour after E.T.A., if no notice of arrival is received, queries are sent out over CAA communications systems. If the arrival report is not received within three hours, search and rescue operations are initiated. Inasmuch as the Government may be put to considerable expense in determining the location of aircraft when an arrival report is not filed, it is vitally necessary that all pilots using this service make certain that notice of arrival is filed with the CAA communications station at the termination of the flight. To reduce radio congestion, pilots should file CFR flight plans, when required, in person or by telephoning the airways communication station or airway traffic control center. CAA control towers have discontinued accepting CFR flight plans for transmission and will not normally file arrival reports except upon the specific request of the pilot. Whenever practicable, however, it is desired that arrival reports be filed in the same manner as flight plans.

TETRAHEDRONS: The tetrahedrons at the following airports were discontinued July 1, 1947: Atlanta Arpt, Ga., Orlando Arpt, Fla., Birmingham Arpt, Ala. Those at the following airports were leased to municipalities for maintenance and operation: Miami Arpt, Fla., West Palm Beach Arpt, Fla., Jacksonville Arpt, Fla., Tallahassee Arpt, Fla., Savannah Arpt, Ga., Charleston Arpt, S.C., Raleigh Arpt, N.C., Spartanburg Arpt, S.C., Charlotte Arpt, N.C., Winston-Salem, Arpt, N.C., Greensboro, Arpt, N.C., Nashville Arpt, Tenn., Knoxville Arpt, Tenn., Memphis Arpt., Tenn., Jackson Arpt, Miss. (7-3)

✓ REVISION OF A.T.C. AREA BOUNDARIES: Effective August 11, 1947, the boundaries between the Cleveland and Cincinnati ATC Areas were relocated as follows: On Red 27 - to 25 miles S of Findlay Radio Beacon Station; on Amber 6 - to 25 miles S of the intersection of Red 17 and Amber 6; on Blue 15 - to 25 miles SW of the intersection of Red 17 and Blue 15. Concurrent with the above the affected portion of the Cleveland-Cincinnati Flight Service Area boundaries will be relocated to connect with the above locations.

AERONAUTICAL CHART AND PUBLICATION CORRECTIONS: Correct "TO-08-15-2", (a) page 45, AAF Air Rescue Svc, by showing 5th Rescue Sqd at MacDill Fld, rather than at Morrison Field. Telephone No. will be furnished at a later date. (b) page 24, by showing Flgt."D", 5th Rescue Sqd at Westover Fld. instead of Air Rescue Detachment #2.

Correct "TO-08-15-3", page 73, by deleting reference to Channel A at Marshall Field, Kans. radio range, as radio range cannot be contacted on this frequency.

Correct "TO-08-15-1", by showing N signal in NW quadrant at Eglin Field, Fla. Weather is broadcast at 29 minutes past the hour.

Correct Alaskan Airman's Guide, by changing the call letters of Kodiak GCA from "CORKY" to "KODIAK GCA".

Correct Flight Information Manual, Vol. 2, No. 1, dated July 1, 1947, (a) Chapter II, page 11, by changing the identification for Kirksville, Mo. to KKV instead of KKU. (b) Chapter III, page 17, by inserting Ontario, Ore. under 382 kcs. instead of 305 kcs. (c) Chapter XIII, page 168, by changing San Diego, Calif., Lindbergh Field remarks column to read "Climb to 3000' on SE leg. . ." (d) Chapter I, page 8, by showing Ponca City, Okla. as an MH fac. instead of a Range. (e) Chapter III, page 18, by adding Helena, Mont. to transmitting frequency index 111.1 mcs. (f) Chapter I, page 7, by listing New Florence, Mo. as an H fac. (g) Chapter IV, page 24, by showing the call letter for Lucin, Utah as KTWU instead of KYWU.

(h) Chapter IX, page 114, under heading of "Handling of CFR Flight Plans and Arrival Reports", erroneously states that CFR flight plans are forwarded in the same manner that IFR flight plans are. CFR flight plans are not transmitted. Upon termination of a CFR flight, the pilot should close out his flight plan. Notice of arrival is then sent over the C.A.A. communication system to the station holding the original flight plan. See page 153 of this issue for details.

(i) Chapter V (OFACS), page 27, by deleting the following data: Balboa - 3104,6210,transmitting; Canton - 11369, transmitting and receiving; Guantanamo - call sign "WFT"; Honolulu - 11369, transmitting and receiving on Honolulu - Canton - Palmyra Route; Palmyra - 11369, transmitting and receiving; San Francisco - "Seaplanes Only"; San Juan - 3182.5, 4917.5,2870, transmitting and receiving, 3117.5, 4495, receiving.

By adding the following data: Balboa - 3400, 6515 transmitting and receiving on Voice Balboa - Mexico Route; Canton - 500, 8280 transmitting and receiving on CW International Distress, 4495, 6970, receiving on Voice Military frequencies, 11344 transmitting and receiving; Everett - Remarks: At 15: Vancouver, B C., Victoria, B. C., Princeton, B. C., Portland, Ore., Yakima, Wash., Ephrata, Wash., At 25: Annette Island, Alaska, Patricia Bay, B. C., Port Hardy, B. C., Massett, B. C., Comox, B.C. At 37: Boeing Field, Seattle-Tacoma Airport,Seattle Naval Air Station,Everett; Wash., Bellingham,Wash., Vancouver, B.C.; Guam - Radio Call: KCD, 3395,6577,8577, 11369, transmitting and receiving on CW Opers. cont. Honolulu-Midway-Wake-Guam Route, 17319 transmitting and receiving on CW on req., 8280 transmitting and receiving on CW International Distress.; Guantanamo - Radio Call: NAW-1; Honolulu - 2976, 5165 transmitting on Voice Weather broadcasts at 15 and 45 past each hour: Honolulu terminal forecast and winds aloft plus John Rodgers Field, Hickam Field, Kaneohe, Ewa, Maui,Hilo, Port Allen, Barbers Point, Molokai, Lanai, Upolu Point, Barking Sands Surface Reports. Last five reports available only 0800H to 1600H, 500-8280 receiving on CW International Distress. Type Emission CW Weather broadcast every hour on half hour on all route frequencies in use when flights inbound: Honolulu and Hilo surface reports, 11344 transmitting and receiving on CW Honolulu-Canton-Palmyra-Sydney route; Miami - 6583 transmitting and receiving on CW Miami-San Juan-Canal Zone route; Midway - 17319 transmitting and receiving on CW on request; New York - 3380, 5960,8720,12395,16250 transmitting on CW Weather broadcast hourly at 55, surface reports: N.Y., Boston,Bangor,Newark, Philadelphia,Baltimore,Washington,Norfolk, plus navigation reports; Palmyra - 11344 transmitting and receiving on CW Opers. cont. Honolulu-Canton,Palmyra,Sydney route, 500-8280 transmitting and receiving on CW International Distress, 4495 receiving on Voice Military Frequency, 364 transmitting on Beacon and Voice Weather broadcast (local) at 05 and 35 hourly from 1800 to 0300 GCT; San Francisco - 4275,5145,6675 transmitting and receiving, 2940 transmitting and receiving; Trinidad - Radio Call: NYS-1; Wake - 17319 transmitting and receiving on CW on request; Anchorage - KIS, 1674,6537,9980 transmitting and receiving on CW Medium-long range, KCDW,2946, 5672.5,118.3 transmitting and receiving on Voice Medium range, KCDW 338 transmitting, and 3105,4495,6210,5037.5 receiving on Voice and Range Voice, Short Range, KIB, 500,8280 transmitting and receiving on CW International Distress, KIS 4580,8220 transmitting on CW Weather broadcast hourly at 52: Anchorage (Merrill,Elmendorf Flds), Fairbanks (Ladd, 26 mi. and Weeks Flds), Big Delta, Tanacross, Northway, Aishihik, Whitehorse, Sheep Mtn, Gulkana, Kodiak, No. Dutch Island, Middleton Isl, Cordova, Cape St. Elias, Yakataga, Yakutat, Gustavus, Kenai, Homer, Iliamna, Port Heiden, Ft. Randall, Ft. Glenn, Adak, Massacre Bay, Shemya.

WEATHER REPORTING SERVICE

Weather Reporting Location	Type of Report	Lat., Long.	Elev.	Action Taken
Ottumwa, Iowa	Raobs			Discontinued
Culiacan, Sinaloa, Mexico	6-hourly	24-49,107-24	600'	Established
Guaymas Son., Mex.	6-hourly	27-55,110-54	13'	"
Bishop, Calif.	Pibals	37-22,118-25	4145'	Begun
North Bend, Ore.	Supple.wea.	43-24,124-14	4'	Established
Corvallis, Ore.	Supple.wea.	44-30, 12-17	235'	"
McMinnville, Ore.	Supple.wea.	45-11,123-08	156'	"
Minross, Mich.	Hourly	46-15, 84-28	780'	"
Montrose, Colo.	Supple.wea.			"

NOTE: Hourly in lieu of supplementary weather reports now available from Roswell, New Mexico.

TELETYPE NOTAMS: Throughout the year climatic conditions (snow storms, floods, etc.) render many fields temporarily unusable or unsafe. In addition, there are intermittent maintenance operations in progress on many fields. Radio facilities suffer temporary power failures or course misalignments, and lighting facilities are temporarily inoperative. Because these temporary conditions cannot be given immediate coverage in the "Airman's Guide", full cognizance must be taken of Teletype Notam service which gives the desired coverage on any facility or field at which teletype transmitting stations are based. Cross-country pilots, accordingly, should consult these Teletype Notams for latest available data on air navigation aids. These teletype notams are posted in CAA Communications Stations and in all Army Air Field and Naval Air Station Operations Offices having teletype drops.

AIRPORT TRAFFIC CONTROL PROCEDURES: (a) Planes with 2-way radio should establish communication with control tower when 15 miles from the airport of destination and before taxiing or taking off. (b) Planes without receivers, when approaching tower-controlled fields, and before taxiing and taking off, should be on the alert for and be guided by light gun signals. (See AAF Regulation 100-4, dated March 4, 1944, and C.A.R. Digest or Manual 60). (c) Flashing tetrahedron lights, as well as the daylight operation of rotating beacons indicate suspension of CFR traffic.

AIRPORT AND RADIO NOTICES

LEGEND

** - New or revised airport, danger area, or miscellaneous data to be inscribed on charts or added to records.

★ - New or revised radio data to be inscribed on charts or added to records.

FOREIGN DATA

SPECIAL NOTICES

FOREIGN ENTRY PROCEDURES, AIRPORTS OF ENTRY, CUSTOMS REPORTS, CIVIL AIRCRAFT CLEARANCE FOR FOREIGN COUNTRIES: These procedures and regulations were all incorporated into the Flight Information Manual, Vol. 2, No. 1, dated July 1, 1947. Only amendments to the data contained in the Manual will hereafter be carried in the Airman's Guide.

FREQUENCIES GUARDED BY U.S. OPERATED OCEAN STATION VESSELS: Effective Aug. 5, 1947, all U.S. operated ocean station vessels in the North Atlantic will guard 118.1 mcs for routing VHF communications with aircraft in lieu of 116.1 mcs. Continuous guard of 140.58 mcs. distress frequency remains unchanged.

UNITED KINGDOM MILITARY AIR BASE USAGE: The following United Kingdom Military Air Bases are available to civil air carriers of only U.S. and United Kingdom and to aircraft which were purchased in either the U.S. or the United Kingdom and are in ferry status. (a) for regular use: Kindley Field, Bermuda; Beane Field, St. Lucia; Coolidge Field, Antigua; and Atkinson Field, British Guiana. (b) for alternate use: Waller Field, Trinidad; Vernam Field, Jamaica; and Carlsen Field, Trinidad. Even though the above fields are open to civil air carriers and ferry status planes it is mandatory that the operators of such aircraft secure approval for use of these military air bases from Headquarters, AAF, Washington, D.C., prior to the departure of each flight or series of flights.

TRANSMISSION OF INTERNATIONAL NOTAMS: Effective May 10, 1947, the transmission of international notams to Service A circuits by WSY N.Y. was discontinued. Offices desiring receipt of this material should obtain receiving drops on the Service O system.

INTERNATIONAL RADIOTELETYPE CIRCUITS: Effective May 16, 1947, WFM Lagnes, Azores permanently decommissioned. The following radioteletype circuits are established and in operation at CSY Santa Maria; WSY New York; DIP Shannon; FXO Paris; NHY Port Lyautey. Inter-island radioteletype link CSY Santa Maria to WYQY Lagens will be continued until further advised. All above circuits are operating in accordance with ICAO Communications Procedures

---

NAVAL COMMUNICATIONS WITH COMMERCIAL AIRCRAFT IN CARIBBEAN AREA: Effective March 24, 1947, and until further notice, San Juan NAS, Trinidad NAS, Guantanamo NAS, guard 6515 kcs voice continuously, transmitting and receiving, for communications with commercial aircraft.

LORAN RATE RELOCATED: "Frederick Dahl Loran Rate 1L4" shifted to new operations bldg. June 25, 1947. This change involved new antennas, transmitter, timers, and transmission lines. A Loran System error may develop.

AFRICA-Casablanca, Africa: The following established circuits are now in operation at CNO Casablanca Aeronautical communication station: CSZ Lisbon, FXW Bordeau, FOO Paris, CNC Tangier, CNS Gaercife, CNA Fez, CNV Oujda, CNU Meknes, FOR Oran, FNA Algiers, CNN Taza, CNZ Fort Trinquet, CNY Tindouf, CND Agadir, CNX Marrekech FOK Dakar. Landline teletype to FFAG Algiers and CNPL Port Lyautey. Guards Route C radiotelegraph frequencies 3248, 6563, 8538, and 12776 kcs. Additional air ground guards 333, 336, 6510, 4196 kcs. Radio range and beacon identification "KR", 222 and 403 kcs. respectively. Tower voice VHF 116.1 mcs. and 6440 kcs.

Dakar, Africa: Effective May 15, 1947, Overseas Foreign Aeronautical Communications Station WFG, YOFF Airport, Dakar FWA, will be combined with FOK under call sign FOK. Following CAA circuits will be operated and supervised by French Nationals: A/G 3285, 6563 kcs. cont., 11319 kcs. daylight hours, point-to-point circuits, FOK/WFH Port Lyautey, FOK/ELPA Roberts Field, FOK/ZVJ Recife, FOK/ZNT Accra. Following principal circuits operation and supervision French Nationals: Point-to-point, FOK with following stations, CNB Casablanca, X 08 Natal, FOO Paris, FGS Abidjan, FNA Algiers, FSP Port Etienne, FMW Port Au France, FBK Amsterdam. Yoff Tower, range and beacon operation and supervision French Nationals, frequencies unchanged.

Dakar Weather Broadcast: Effective 0620Z GCT, March 24, 1947, station WFG commenced broadcasting Dakar METAR hourly at 20 minutes past each hour on 3285 kcs., A1 emission.

Port Lyautey Communications: Effective June 11, 1947, circuit operations NHY Port Lyautey to FOK Dakar and CSZ Lisbon were transferred to station CNO Casablanca. Following civil circuit functions remain in operation NHY Port Lyautey: Circuit 207T Port Lyautey-Santa Maria. Circuit 224 Port Lyautey-Roberts Field, Liberia. 24 hour landline teletype operations connecting NHY Port Lyautey and CNO Casablanca facilitates E and W traffic movements via 207T. Port Lyautey maintains continuous civil air ground guards 3285, 6563 kcs, 11319 kcs. from 0700 until 2200 GCT. Additional civil air ground guards 8554, 6543, 8623 kcs. upon request.

AZORES-Fayal-Radio: Radio beacon call sign CTN. Operates on 333 kcs. days and on req. Air to ground call sign CTN for emergency use only on 6563 and 6577 kcs.

Flores-Radio: Radio Beacon call sign CF operates from 00 to 05, from 20 to 25 and from 40 to 45. Reliable for Homing.

Lagens-Radio: Tower operating on 116.1, 126.18 mcs. and 2834, 2993 kcs. for continuous transmitting and receiving. Tower on 4220 kcs. for emerg. and on 5000 kcs on req. GP range on 341 kcs in cont. operation with legs of 343° and 163° mag. reliable for instrument letdowns if caution is used. DK radio range on 288 kcs on cont. operation with legs of 343° and 163° mag., reliable for instrument letdowns if caution is used. Z markers are operating on both ranges. Racon beacon inoperative until further notice. SCS-51 operates cont. between 1730 and 0900Z and on 30 min. req. thereafter on channel Y for runway 16 and channel X for rnwy 34 if no glide path operating on channel Y. Localizers not modified in accordance with Technical Order 16-1-62. Long range DF on 6563 kcs days and night transmitting and receiving and receives fixing signal on 6210 kcs call sign is CSE9. Short range DF call sign CSE7 on 4575 kcs operating on req. from Lagens tower or CSY at Santa Maria. GCA operates on one hour request on all voice frequencies. Field: Crews inbound to Lagens will be cautioned of high terrain on E and W sides of rnwy 34. Due to repairs being made on 2700' on the N end of rnwys 16/34, no GCA landing will be made on rnwy 16 until further notice.

Santa Ana-Radio: Radio Beacon call sign BB7 operates cont. on 308 kcs.

Santa Maria-Radio: Tower transmits and receives on 116.8 and 126.18 mcs and 2834 kcs. Tower transmits on 278 kcs and guards 6440 kcs. Radio range operates cont. on 249 kcs. Call sign WY. Radio Beacon operates on 329 kcs., call sign WY. No Z marker on WY range. SCS-51 localizer on channel X on rnwy 19 operates cont. Glide path has resumed operation. Localizer not modified in accordance with T.O. on 6-1-62. Santa Airways operates on 3993 kcs cont. and 4220 kcs in emerg. Air to ground call sign CSY operates cont. on 6563, 12776, 3248, and 8538 kcs on CW. CSY is ICAO control center for the Azores. All letdowns are to be made on the N and S legs of the WY range.

BELGIUM-Brussels: ONBU reports as from July 1, 1947, the Queen Code ICAO document 2560 will be used by all the Belgian Stations.

BRITISH HONDURAS-Belize, Landing or Private Aircraft: Aircraft intending to land at Belize Airport or on the Belize waterfront should give the Director of Aviation, Belize, British Honduras, at least 4 hours' advance notice of their intended arrival. Flight plans may be filed for transmission to Belize between the hours of 1400Z and 2400Z through MIAMI CAA-operated overseas foreign aeronautical communication stn.

BRITISH WEST INDIES-Kingston, Jamaica-Montego Bay Airport: Montego Bay Arpt, is a British Controlled airport now under limited operation by Pan American Airways. It is necessary for all flights departing from Montego Bay for points in the U.S. to file flight plans with the Kingston ATC through the Kingston Communications Stn-call letters MRX. Flight plans also must be filed for all flights departing from U.S for Montego Bay They may be filed for transmission to Montego Bay through the CAA-operated Overseas Foreign Aeronautical Communication Station at Miami - call letters WBR, or New Orleans - call letters WEK.

Kingston, Jamaica-Palisadoes Airport Facilities: The Palisadoes Airport is a British Government controlled airport. The Government controlled tower transmits on 397 kcs only, and guards 2870, 3105, 6210 kcs. It is necessary for all itinerant flights coming to Palisadoes to file a Flight Plan from point of departure to the Communications Station at Kingston - call letters MRX. This Flight Plan should be marked for Information: Palisadoes Airway Traffic Control The route frequency of

6515 kcs. A3 emission is guarded at MRX. They have a good signal on this frequency and can be read consistently throughout the day and night in the Caribbean Area. Flight Plans may be filed for transmission to Palisadoes through the CAA-operated Overseas Foreign Aeronautical Communications Station, WBR, Miami.

Trinidad NAS: Effective June 16, 1947, Navy Squadron commenced conducting aerial gunnery from 1300Z to 2000Z daily except Sat. and Sun. until further notice. Surface craft and aircraft remain clear of area 10° N, 60°45' W, 10°30', 60°45', 10° N, 60° W, 10°30', 60°. The marine radiobeacon at Trinidad was discontinued 7-10-47

CANADA-Barrington-Radio: Name of this FM will hereafter be Remmingford FM. (7-1)

Megantic, P.Q.-Radio: Correct var. 18° W. Courses 105°,176°,285°, 359°.

Moncton, N.B.: Effective July 15, 1947, the following changes apply to air ground services offered by stations CYA Moncton: Moncton CYA will maintain standby watch only on frequencies 6563, 6577, 8538, 11319 kcs. from 1300 to 2000Z daily and on 3248, 3285, 6563, 6577 kcs. from 2000Z to 1300Z daily and will transmit on above frequencies only: (a) when called by aircraft; (b) on request OATC CFMO; (c) on request VOAC Voga.

Montreal, P.Q.-Dorval: Effective July 15, 1947, the following changes apply to air ground services offered by station CYB Dorval: Dorval CYB will maintain continuous watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs only.

Quebec, P.Q.-Radio: Correct var. 19° W. Courses: 61°,171°,248°,356°.

Vancouver Arpt., B.C.-Radio: Tower discont transmitting on 116.1 mcs. This corrects "AIRGI", Vol. 2, No. 9. (7-23)

Yarmouth, N.S.-Radio: Correct var. 21° W. Courses: 16°,89°,180°,267°

CUBA-Rancho Boyeros Airport, Havana: Effective May 19, 1947, and until further notice, all aircraft operating into and out of the Rancho Boyeros Airport must file a flight plan prior to entering the area. This applies to both IFR and CFR flights. Form of flight plan as follows: Identification; type; route of flight; time of flight departure; time of minutes; altitude, CFR or IFR indicated by C or N respectively and alternate if necessary. Example: NC60459 DC3 Miami Havana 1230/60N KW. For trial period and until further advised all flight plans except Expreso and those presently using PAA communications facilities may be forwarded through WBR addressed to OAHAV at no charge.

ENGLAND-London Airport: SCS51 and SBA facilities to be considered out of service as navigational or landing aids. They can be used for holding and letdown procedures only until further notice. Owing to the possible presence of vehicles within the restricted area of the SCS51 and SBA sites the accuracy of these installations is questionable

GREECE-Hassani Airport, Athens, Radio Call: Effective April 30, 1947, call sign WWJC replaced Army call sign WUCW on all circuits formerly using call signs at this station.

LABRADOR-Goose Bay: Effective July 15, 1947, the following changes apply to air ground services offered by station VOAV Goose Bay: Goose Bay VOAV will maintain continuous watch and transmit on frequencies 3248, 6563, 8538, 12776 kcs., but with frequencies 3285, 6577, 8554 (receive and transmit) available on request.

NEWFOUNDLAND-Military and Naval Landings: All military and naval aircraft landing in Newfoundland should use Harmon Field at Stephenville or Naval Operating Base at Argentia. Gander has very limited military facilities and is reserved for commercial and weather diverted military aircraft.

Gander: Gander Metar weather broadcast now in operation on 363 and 5410 kcs. simultaneously at hour plus 20 min. and hour plus 50 min. Reception reports on 5410 kcs requested. Effective immediately the dewpoint will be added as a remark at the end of the Metar for Gander, Stephenville, Sydney, and Moncton broadcast by VOAC on 5410 and 363 kcs at hour plus 20 and hour plus 50. Example: D.P. 47. Tele VOGA

Torbay Airport: Torbay Airport open to traffic between hours of 1030Z and 0230Z. No aircraft will be dispatched to arrive at Torbay between hours of 0230Z and 1030Z. No traffic will be available between landing and takeoff minimums of 1930Z and 1030Z. Landings and takeoff minimums as published in ATLD Amendment #16 "Mile visibility, takeoff night 500' 1 mi. visibility, landing day 800' 1 mi. visibility, landing night 800' 3 mi. visibility".

PACIFIC OCEAN-Weather Station Communications: Effective July 1, 1947, Pacific Ocean Weather Station FOX discontinued use of 4220 kcs for voice communications with trans-Pacific aircraft and substituted 5165 kcs for this purpose. The following paragraphs of SOP-1-A should be changed in accordance with the above: Section IV. 4 (a); 4 (b); 5 (a) (5); 5 (b); 5 (c) (1); 7 (a).

Pacific ICAO Procedures: International Civil Aviation Organization Airway Traffic Control and Communication Procedures were placed into effect in the Eastern Pacific effective Aug. 1, 1947

PUERTO RICO-Caguas: Radio antenna tower under construction unlgtd until further notice. Height 150' located one and one quarter miles N of Caguas, lat. 18-15-20 N, long. 66-1-53 W

Isla Grande Airport (San Juan): Designated an Airport of Entry. (7-2)

Mayguez Airport: Caution - do not use taxi strip W of Terminal Bldg. until further notice. Men and equip. on fld. (7-17)

San Juan Seadrome Landing Lights: Effective June 9, 1947, the seadrome landing lights were discontinued and the landing light buoys were removed from the bay of San Juan at the NAS, San Juan.

San Juan Pre-Flight Clearances: San Juan Civil Air Terminal (U.S. NAS), Isla Grande Airport, San Juan, P.R. - All civil operations at San Juan Air Terminal were assumed by the Puerto Rico Transportation Authority effective March 4, 1947 Authority must be obtained for landings at this airport prior to the commencement of any flight. Address requests to Airports Division, Box 3508, San Juan, P.R. Cable address is "Autoritan".

URUGUAY-National Airport, Carrasco: Effective June 15, 1947, Air Traffic Control Tower at National Airport, Carrasco discontinued its frequency of 2870 kcs., and new frequency of 278 kcs. was commissioned. (6-3)

DOMESTIC DATA

ALABAMA- ALA-TENN-GA ARPT (BRIDGEPORT)-Ctn in wet weather (5-22)
ALBERTVILLE ARPT-SW side of strip soft, rough and washing. Soft in spots in wet weather. (4-29)
ALLENPORT ARPT (MONTGOMERY)-Muddy after rains-ctn. (5-22)
ANDALUSIA ARPT-Bare in spots. Ctn in wet weather. (5-22)
ANNISTON ARPT-Ends of strips soft in wet weather. (4-29)
ATHENS ARPT-Ctn in wet weather (5-22)
ATMORE FLYING SERVICE-1800' strip muddy when wet. (7-18)
BARIN NAAS EAST & WEST FLDS (FOLEY)-Closed to trans acft. (5-6)
BATES FLD (MOBILE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-18)
BEAVER DAM FLD (DECATUR)-Soft after rainy weather. (5-22)
BIRMINGHAM ARPT-Closed to civil acft not equipped with operating rcvr Landing on sod areas approved by twr in dry weather, unsafe in wet weather. Ctn ngts or under IFR, plant S of fld has long taxi and parking strips resembling rnwys. Tetrahedron wind indicator lctd E end E/W rnwy to be discont. Aug. 5. (8-1)
BOYKIN FLD (DEMOPOLIS)-Cattle on fld. (5-22)
BREWTON ARPT, new-Cattle on fld. (5-22)
BROOKLEY FLD (MOBILE)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Soft-use rnwys, taxi strips only. (4-23)
CENTRAL PARK ARPT (BIRMINGHAM)-Avail. lgt acft in all weather (5-22)
CENTRE ARPT-NNW/SSE strip closed. N side E/W strip rough in wet weather. Avail. lgt acft only. (4-29)
CHASTAIN'S ARPT (PRICHARD)-Soft after rains. Shallow dip near center of E/W strip. (5-22)
CRAIG FLD (SELMA)-RADIO: Army DF stn inop. (12-20) FLD: Bndry lgts inop. (5-29)
CULLMAN ARPT-Soft in wet weather. (5-22)
DAVENPORT ARPT (FT. PAYNE)-Muddy in wet weather. S end rough. (5-22)
★ DOTHAN-RADIO: NW and SE courses realigned to 143° and 323° July 25th. Flgt-checked, courses correctly aligned.
EUTAW ARPT-Use only NW/SE strip. (4-17)
FAYETTE ARPT-Avail. only lgt acft during wet weather. Trees and fone line at W end (5-22)

[redacted]:FLINT CREEK ARPT (DECATUR)-Soft after rainy weather. (5-22)
GAINESVILLE INT, SITE 55, FV-AG-Emerg use only. (5-22)
GOODYEAR FLD (GADSDEN)-Soft in wet weather. Lgt acft land with ctn. (5-22)
GRAGG FLD, SITE 27, PS-TM (CLANTON)-Ctn in wet weather. (5-22)
GREENVILLE ARPT, SITE 24, NO-AG-Soft after rains around arpt circle on N/S strip. (5-22)
GUNTER FLD (MONTGOMERY)-Closed to all trans acft. Use Maxwell Fld. (6-24)
GUNTERSVILLE DAM ARPT-Soft spots at ends. (5-22)
HARTSELLE ARPT-Use W side fld. Avoid E side. E half of strip has small depressions extending from S end for approx 600' toward the N. Small area at SW portion fld soft after rains. (5-22)
HUNTSVILLE ARPT-Sod strip rough at runwy crossings. Ngt approaches use ctn-hills NE, S, E. (4-29)
JACKSON FLD (LIVINGSTON)-Rolling and slightly rough. Soft spots along N side at SW end. (5-22)
LEGION FLD (MONROEVILLE)-Do not confuse golf course fairways with landing strips. (5-22)
LUVERNE ARPT-Ctn in wet weather. (5-22)
MAXWELL FLD (MONTGOMERY)-At ngt or under IFR conditions large depot 1 mi S looks like arpt and lgts give impression of parallel runwys. (10-17)
McKEE FLD (JACKSON)-Soft after rains. Not licensed. Use at own risk. (5-22)
MOTON FLD (TUSKEGEE)-Use with ctn in wet weather. Soft and rutted spots along E side. (5-22)
NAPIER FLD (DOTHAN)-Avail. civil acft in emerg only. (7-3)
NORMAN BRIDGE ARPT (MONTGOMERY)-Muddy after rainy weather. (5-22)
NORTH SAUTY BASE (SCOTTSBORO)-SEE and acft in wet weather. (5-22)
OAK ARPT (FOLEY)-W end E/W, N end N/S strips soft in wet weather. (5-22)
ONEONTA ARPT-N 800' strip wet, soft, rough. Unserviceable in wet weather. (4-29)
PRYOR FLD (DECATUR)-Rough spots around wind sock, mrkd. (5-22)
ROBERTS FLD (BIRMINGHAM)-S side fld avail. during wet weather. (5-22)
RUSSELL FLD (ALEXANDER CITY)-Washes on S edge near W end E/W strip, mrkd. (5-22)
SCOTTSBORO FLYING SERVICE-Soft in extremely wet weather. Rough spots on SE corner. (5-22)
STROTHER FLD (GASTONBURG)-PRIVATE. Cattle on fld. (5-22)
TALLADEGA ARPT-N 700' N/S strip soft in wet weather. (5-22)
VALLEY AIR SERVICE (LANETT)-Soft after rains. (5-22)
VAN DE GRAAFF ARPT, SITE 59, FV-AG (TUSCALOOSA)-Heavy acft avoid extreme NW and SW corners of fld after heavy rains. (6-3)
WALKER CO. ARPT (JASPER)-Land inside of badry mrkrs. Avoid new landing strip now being graded. (5-22)
WEEDON FLD (EUFAULA)-Trees in W approach. (5-22)
WINFIELD ARPT-S end N/S strip soft in wet weather. (5-22)
WOOD-DEARING ARPT (RUSSELLVILLE)-Muddy in wet weather; lgt acft land with ctn. (5-22)
[redacted]:ASHFORK INT, SITE 36A, LA-AQ-Center 100' of strips rough, rocky, bal fld hazardous-grass, hills. (3-4)
DAVIS-MONTHAN FLD (TUCSON)-E fld closed-acft parked on runwys. Blinding ceilometer W end fld between ends of NW/SE, E/W runwys. (6-17)
DEEP LAKE INT, SITE 54A, LA-AQ-Avail. emerg use only-soft. (3-4)
DOWNTOWN ARPT (TUCSON)-Runwy 30 lgtd ngts for 2 weeks per month from 1900 to 2300 for pilot training. Only obst lgts are those in line with lgtd runwy. All ngt training flgts will oper S of arpt. (5-27)
GILA BEND AAF-Maj obsts S fld lgtd. (7-21)
GILBERT AUX FLD NO. 1-Closed to all acft-used for tow target dropping. Hazardous objects on fld. (7-31)
GOODYEAR AUX FLD NO. 2-Being used exten for student training. All civilian acft prohibited use of this fld. (7-31)
HOLBROOK INT SITE 51B LA-AQ-Equip. on fld daylgt hrs. (5-10)
KINGMAN AAF-Closed to all flying. No obst lgts atop Haulpai Mtn 8500' MSL, 11 mi S. (7-3)

[redacted]:LAGUNA LANDING STRIP-Equip. on fld. Only N/S runwy avail. (6-20)
LITCHFIELD PARK NAF-No landings permitted later than one half hr before sunset without prior approval from C.O. No ngt opers. (3-13)
LUKE FLD (PHOENIX)-Traffic direction indicator on second hangar from N inop. Traffic direction indicator S end N/S runwy free-swinging. (1-7)
NOGALES INTERNATIONAL ARPT-Use only NE/SW paved runwy, N/S turf strip and paved taxiways. Bal fld avail. cross wind landings. (5-6)
OASIS ARPT (MESA)-W end E/W, SW end NE/SW strips unsafe for a distance of 500' (ditches across ends). (7-24)
PHOENIX-Inst. training on Phoenix Rng between 5500' and 9500'.
PRESCOTT-RADIO: Rng gnd-checked only. (7-28)
RYAN FLD (TUCSON)-Suitable for landing by all lgt acft up to and including Twin Engine Cessna, AT6, Etc. Heavy acft use runwys in wet weather. (4-26)
**SCHNEBLY HILL BCN SITE, 42, LA-AQ-Comm July 28.
SKY HARBOR ARPT (PHOENIX)-Local ngt flying acft must be equipped with 2-way rdo. Equip. near Runwy 12. Installation of ILS in progress off end of Runwys 26 and 8. (5-25)
TEMPLE BAR ARPT-Unsafe (soft). (6-25)
THUNDERBIRD ARPT NO. 2 (PHOENIX)-Use strips only (parked acft).
TUCSON ARPT-Soon fld will not be lgtd. Acft desiring to use fld after dark shall give 2 hrs adv notice in order that lgts may be turned on. (5-8)
WILLIAMS FLD (CHANDLER)-RADIO: Army rng unreliable and to be used for training only. (6-3) FLD: Use runwys only. Exten runwy repair being conducted. All acft use ctn from 1200M Fri until 0800M Mon each week. No 100 oct fuel avail. to trans acft except in extreme emerg. (7-21)
WINSLOW-RADIO: Visual-aural rng stn operates unattended or without means of remote monitor.
WINSLOW ARPT-E end E/W taxi strip beyond first tie-in closed (flood damage). Equip. on fld days. (5-27)
YUMA CO. ARPT-Parking restd to W side fld. Badry lgts inop. (7-10)
[redacted]:BIGGERS ARPT-Use strips only-cattle on fld. (4-25)
EL DORADO-RADIO: Ctn-visual-aural rng unmonitored. (4-10)
EL DORADO ARPT-GOODWIN FLD-Lgts avail. emerg only. (1-10)
ERWIN FLD (NEWPORT)-Use runwys only-cattle on fld. (4-25)
FORT SMITH ARPT-Taxi strips connecting E/W runwy with Admin Bldg closed to all acft of 6000 lbs or more. W end NE/SW runwy from intersection W closed, mrkd. Badry lgts this area inop. (4-6)
GRIDER FLD (PINE BLUFF)-Closed ngts. (3-11)
HOPE ARPT-Use runwys only. (4-9)
HOT SPRINGS MEMORIAL FLD-Use ctn when landing and taking off. Soft sod in wet weather. (5-15)
JONESBORO ARPT-Use runwys, taxi strips only. (1-10)
LEVEE FLD (WEST MEMPHIS)-Ctn when wet. (9-23)
LITTLE ROCK-RADIO: About Aug 11, Keo bone-shaped FM will be comm on the SE course, 10.6 mi from rng stn at lat 34-34-12, long. 92-03-06. Ident. two dashes. Rng stn guards 3117.5 kcs 2200 to 0600.
LUXORA INT, SITE 39 NO-LS-30' unlgtd pole line being erected S end N/S runwy. (9-27)
MANILA ARPT-Use SW quarter of fld only. (4-25)
McGEHEE ARPT-Cattle on fld intermittently. (9-6)
MILLTOWN ARPT (NEWPORT)-Use runwys only-cattle on fld. (4-25)
PINE BLUFF-RADIO: Ctn-visual-aural rng unmonitored. (4-10)
PRAIRIEVILLE ARPT (ALMYRA)-Ctn on taxiways.
THOMPSON-ROBBINS FLD (HELENA)-Use runwys only, fld soft and rough. (3-17)
WALCOTT FLD NO. 3 (WALNUT RIDGE)-Use runwys only-cattle on fld. Soft-heavy acft use ctn. (4-25)
WALNUT RIDGE AAF-Acft parked all areas fld and ramp. Use runwys only. Equip. on fld Closed 1730 to 0800. NE/SW runwy closed. (3-17)
CALIFORNIA :ALAMEDA NAS-Maintain high approach on Runwys 26L and 21. Heavy acft parked these areas. 175' unlgtd cranes 2000' from NE corner fld-ctn ngts and during low visibility. Equip. adj to and on runwys. Fld on positive control. (4-15)

** CALIFORNIA:ARCATA ARPT-RADIO:ILS at Landing Aids Experimental Stn will be inop 0800 to 1700 Mon thru Fri until further notice. Cont oper at other times and avail. on 30 mins notice IFR during above hrs. (6-26) Formerly carried as Redwood Fld. (7-29) See page 17. FLD: Closed to acft without 2-way rdo. Use surfaced areas only. (3-25)

BAKERSFIELD-RADIO: About Aug 7, Famoso FM will be comm on the NW course, 11.4 mi bear. 141°, lat 35-36-09, long. 119-09-02. Ident. four dashes. (7-23)

BAKERSFIELD-KERN CO. ARPT-Unlgtd 92' pwr line 1/2 mi N of bndry. (7-8)

BAY MEADOWS ARPT (SAN MATEO)-Const on rnwys and taxiways. Rnwy 31 usable in all weather for acft up to 10,000 lbs. Taxiways should be used with ctn during winter months. When taking off on Rnwy 31, make a climbing turn of 45° to the right after crossing 19th Ave., but no lower than 200'. When landing acft turn off rnwy toward nearest taxi strip. No taxiing back on rnwy. (5-19)

**BIDWELL ARPT (RED BLUFF)-Fld lgts oper cont sunset to midnight; avail. upon req. at all other times. (7-27) See page 17.

BLYTHE AAF-Obst lgts atop control twr inop. (2-28)

*BORDERLAND FLD (SAN YSIDRO)-Target drone Unit 36 conducting flgts between 0900-1600. (1-21)

BRAWLEY ARPT-Holes in extreme NW corner fld. (1-10)

BRESSON ARPK (BLYTHE)-Soft spot W side N/S strip. (5-30)

BROWN FLD NAAS (OTAY)-Use in emerg only (caretaker status-no facs).

BURBANK-LOCKHEED AIR TERMINAL-Closed to all trans P-80 acft except on special projects for modification that stn. Right traffic Rnwys 7,15; left traffic Rnwys 25, 33. Approach lgts Rnwy 7 changed to red. 2-way rdo rqrd all acft. Rnwy 13-31 closed (parked acft). No NG facs. (7-9)

CAL AERO ARPT (CHINO)-Use rnwys only-parked acft. (3-24)

CAMARILLO-VENTURA CO. ARPT (OXNARD)-Use rnwys, shoulders only. Taxiways and bldg area closed. (4-28)

CANNON FLD (FRESNO)-Will be perm closed soon. (4-3)

CASTLE FLD (MERCED)-No opers office. (3-24)

CATALINA ARPT (AVALON)-Private arpt. Scheduled Airline opers only. Use by acft other than UAL absolutely prohibited. (3-20)

CLEAR LAKE SEAPLANE BASE-Avail. emerg only. (6-11)

COALINGA ARPT-NW/SE rnwy closed. Shoulder adj to inside of strip avail. for taxiing. Left traffic at 500'. (7-18)

COMMERCIAL ARPT (LOMPOC)-Strips unusable. (5-30)

COMPTON CENTRAL ARPT-Petroleum tank farm NW of fld in edge of right traffic pattern. Enter pattern at 45° angle on the down wind leg, at 800' over edge of tank farm. (1-21)

CORCORAN-135' unlgtd twr being const adj Santa Fe RR, downtown Corcoran. Upon completion will be 148' high and lgtd.

COTATI OLF-Crash truck avail. at Santa Rosa NAAS upon req. (2-27)

CROWS LANDING NAAS-Use in emerg only (caretaker status-no facs).

DAGGETT INT, SITE 13, LA-AQ-Obst lgts atop 50' poles along RR 1000' from end Rnwy 3 inop. Areas immediately outside bndry lgts utilized for storage. Remain on rnwys unless in vcnty of bldgs N of intersection Rnwys 3, 7. (3-13)

DEL MAR ARPT-Right traffic at 800' with prevailing westerly winds. (5-21)

DESERT CENTER INT, SITE 17, LA-PH-E/W strip emerg use only. (3-31)

★DONNER SUMMIT-RADIO: July 28, BMRL fac shutdown until approx Aug 7 for const.(7-29) Stn guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. This corrects Airgi, Vol. 2, No. 9.

EL CAJON ARPT-Right traffic when landing and taking off to the E. (3-26)

EL CENTRO NAS-Avail. 0700 to 1800. Other hrs on 30 min prior notice. Service rnwy will be lgtd for emerg use. Tetrahedron lgtd all times. (5-22)

★EL TORO MCAS (SANTA ANA)-RADIO: VHF/DF stn now operates 100 to 156 mcs from 0800 to 1630 Mon thru Fri. At other times on 30 min notice. (7-25) FLD: Rnwys, taxiways being repaired. Fld on positive control. (7-22)

FAIRFIELD-SUISUN AAF-RADIO: Army rng unreliable, use for homing only. (6-5) AACS oper HF/DF stn temp suspended. (4-24) FLD: First 1000' Rnwy 25 open to acft days and CFR opers only. (6-5)

FILLMORE ARPT-Private fld. Acft parked adj to strip. (3-20)

FRESNO-RADIO: Soon, Bowles FM will be comm on the SE course, 10.5 mi, bear. 316°, at lat 36-35-35, long. 119-44-35. Ident two dashes. (7-23)

CALIFORNIA:FURNACE CREEK ARPT-All traffic away from min side of strips regardless of wind. (5-21)

GILLESPIE ARPT (EL CAJON)-Use E/W rnwy only. Right traffic when landing and taking off to the W. (3-26)

GRAND CENTRAL ARPT (GLENDALE)-CLOSED TO ALL ACFT IN EXCESS OF 35,000 LBS. Parking area pitted, mrkd. W end Rnwy 12-30 being shortened 1000'. Closed ngts (lgts inop). (1-28)

HAMILTON FLD (SAN RAFAEL)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Extension to Rnwy 12 closed except in emerg. (10-16)

HARMON FLD (HEMET)-Traffic pattern 2200' indicated or 600' above gnd. Left traffic when landing or taking off to the NE-right when landing or taking off to the SW. All flying under supervision of arpt mgr at all times. (3-19)

HASTER FARM OLF (GARDEN GROVE)-Closed to all civil acft except in emerg or by approval of the C.O., NAS, Los Alamitos. (4-9)

HAWTHORNE ARPT-NORTHROP FLD (HAWTHORNE)-CLOSED EXCEPT ON OFF. BUS. Use Los Angeles Arpt. (3-20)

HOBERG ARPT (LOWER LAKE)-Take off to SSE-land to NNW. (7-11)

HOLTVILLE ARPT-Closed-emerg use only.

HORSE FARM OLF (LOS ALAMITOS)-Closed to all civil acft except in emerg or by approval of the C.O. NAS, Los Alamitos. (4-9)

HUGHES ARPT (CULVER CITY)-Closed to public use except in emerg. (5-2)

HUMBOLDT CO. ARPT (EUREKA)-25' fone wires NW end NW/SE rnwy, 100' back from end of rnwy. Right traffic pattern. (5-5)

**LANCASTER-New 125' steel twr erected 0.5 mi NW, obst lgtd. (6-21)

LINDBERGH FLD (SAN DIEGO)-Right traffic Rnwys 27, 31; left traffic Rnwys 9, 13. (6-19)

LIVERMORE NAS-Avail emerg use only. (10-1)

LIVERMORE SKY RANCH ARPT-Avail. lgt acft only, except in emerg. (2-18)

LOCKHEED AIR TERMINAL-See Burbank.

LONG BEACH ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (3-20) FLD: Ltd maintenance and fuel supply Army acft. No svcg mil acft temp due fuel shortage. (6-4)

★LOS ALAMITOS NAS (LONG BEACH)-RADIO: Navy Racon stn placed in oper July 26. AN/CPT-6 series 278 and 362. Geographical position: lat 33-47-30, long. 118-03-15. Code 1-2. Coverage 000-360. Operates 24 hrs daily. FLD: Closed 1630 to 0800 except in emerg or by prior arrangement. Rnwy 22R closed until approx Aug 6. Equip. on fld. (7-22)

LOS ANGELES-SPECIAL NOTICE-All acft requested to avoid Hollywood Bowl area from 2000 to 2300 daily. (7-26)

LOS ANGELES ARPT-Ctn approach to Rnwy 29-two 25' poles at arpt bndry within this approach zone, unmrkd, unlgtd. Parked acft within approach zone to and parallel with S side Rnwy 29. Unlgtd oil derricks on approach to Rnwy 34. E/W paved strip S side fld avail. taxiing only. All landings, take-offs and taxiing rstd to paved areas. Rnwy 4-22 closed. Unlgtd 40' pole 350' S of twr. (7-2)

LOS ANGELES-LONG BEACH HARBOR EMERGENCY SEAPLANE LANDING AREA-May not be avail. on short notice due to congestion in anchorage area. Two hrs adv notice should be given if possible. (7-1)

MACHADO ARPT (SANTA MARIA)-Use strips only. (2-23)

MARCH FLD (RIVERSIDE)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Rnwy 7-25 closed-avail. on twr permission only. (1-8)

MARTINEX ARPK-Unusable during rainy weather. (5-26)

MATHER FLD (SACRAMENTO)-Use rnwys only-mat unserviceable. (1-29)

McCLELLAN FLD (SACRAMENTO)-Rnwy 4-2 closed (parked acft). Equip. and parked acft adj all rnwys and taxiways. Shoulders, unsurfaced areas unsafe. (4-23)

MERCED MUN. ARPT-Daylgt oper of bcn is to warn lcl and trans acft of approaching airline acft. Ctc, approach lgts inop. (6-24)

MILE SQUARE FARM OLF (SANTA ANA)-Closed to all civil acft except in emerg or by approval of the C.O. NAS, Los Alamitos. (4-9)

MODESTO ARPT-Rng lgts being installed across rnwy ends. Const and soft spots, mrkd. (3-28)

[redacted]: MOFFETT FLD NAS-LTA-HTA (MOUNTAIN VIEW)-Fld on positive control. Multi-engine acft above JRB class Rnwy 14L-32R only, except in emerg. N connecting taxiway closed to all traffic. (6-17)
MOJAVE NAS-Closed to all acft except on off. bus. (5-21)
MONACHE MEADOW LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn.(5-30)
MONTEREY PENINSULA ARPT-Right traffic Rnwys 24,28;left Rnwys 6,10. (5-20)
MT. LAGUNA-RADIO: 116.1 mc rcvr operating. Too late to delete symbol.
MUROC AAF-RADIO: Army rng unreliable,to be used for homing and training only. (6-9)
FLD: Lctd within a danger area. No facs 1900 to 0700 or Suns. Closed to all trans acft except on written permission Commanding General, Air Materiel Command. Acft will not carry trans passengers to this fld. (3-7)
NEEDLES ARPT-Bndry lgts NE/SW rnwy inop. (7-31)
NEWHALL INT, SITE 3A, LA-SF-No fuel. (5-30)
OAKLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.7 mcs for mobile ground traffic. (7-2) FLD: Rock surface area adj to Rnwy 27R avail. small acft. Adhere to instructions issued by twr. Maintenance facs avail. 0800 to 1800. Closed to acft not equipped with 2-way rdo except acft may land for repairs or fuel without rdo on permission from arpt supt. Rnwy 6-24 avail. lgt acft only. Taxiway leading from Rnwy 33 to Navy ramp closed. Equip. on E/W taxiways and parking apron sealing expansion joints. Heavy acft use rnwys, taxi strips only. Arpt channel unmrkd day, ngt. Equip. days in turf areas between all rnwys, mrkd. (7-24)
O'CONNELL BROTHERS ARPT (BRAWLEY)-N/S strip avail. for taxing only, muddy when wet. (5-19)
OXNARD-VENTURA CO. ARPT-Bndry lgts inop. Const, equip. on fld days. Use rnwys, taxiways only. (4-28)
**PALM SPRINGS ARPT-Fld lgts and rot. bcn oper on req or emergencies only. (7-3). See pages 98, 100. Right traffic, all takeoffs and landing on Rnwys 31,35 Rnwys 13,17 usual left. (5-17)
PLUMAS CO. ARPT (BECKWOURTH)-Use rnwys, taxi strips only, turf rough. (6-2)
SACRAMENTO-RADIO: Soon, Clarksburg FM will be comm on the SW course, 10.2 mi, bear. 18°, at lat. 38-21-30, long. 121-36-30. Ident. three dashes. (7-24)
SACRAMENTO ARPT-Use rnwys, taxi strips only-shoulders, fld soft. Unsafe small acft.-rough. (2-21)
**SAN BERNARDINO AAF-Three 305' Rdo twrs erected 3.5 mi. WSW (253° true) at lat. 34-04-41, long. 117-18-20. Obst lgtd on top with one 1000 watt blinking bcn, first and second levels with 2, 100 watt lgts. (7-4)
SAN CLEMENTE ISLAND OLF-Closed except in emerg. (6-3)
SAN DIEGO-Night fighter train. being conducted within the following described areas: (a) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 32-20-00, long. 117-03-20 and lat 33-18-20, long. 117-37-30, excluding those portions which lie within the confines of civil airways and S of the U.S.-Mexico bndry. (b) A sector of a circle with radius of 40 mi centered at lat 32-54-30, long. 117-07-24 extending clockwise between lat 33-23-30, long. 117-29-30 and lat 32-50-30, long. 116-26-30, excluding those portions which lie within the confines of civil airways.
SAN DIEGO NAS-Traffic circle oval in shape with left turns at 800'. Traffic pattern may be entered at any point at any angle not greater than 45°. Landing will not be made without passing thru Point Love (black and orange checkered floating pyramid) unless directed by twr. Point Love (black and orange checkered floating pyramid) is lctd 1.5 mi S of Hotel Del Coronado. Acft crossing air traffic lanes at North Island must be above 1500'. Acft will not fly over Coronado or Amphibous Training Base at an alt of less than 1500'. Multi-engine acft land on heavy duty rnwys, single-engine acft on asphalt mat. (6-3)
SAN FRANCISCO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-3) CAA ILS will be comm soon serving E/W rnwy with approach from E. Lclar freq. 109.5 mcs with ident "SF", transmitter lctd 220' from W end E/W rnwy. Glide path freq 332.6 mcs, transmitter lctd 550' from E end E/W rnwy and 625' N of rnwy centerline. Outer mrkr will be lctd 6.6 mi from E end E/W rnwy, keyed 2 dashes per sec, inner mrkr will be lctd 4550' from E end E/W rnwy, keyed alt. dots and dashes. No bndry mrkr. Will oper cont. (5-14) FLD: Avoid rnwy, taxiway shoulders

[redacted]: Turf area closed, unmrkd hazards. Use rnwys, taxiways. Equip. extreme E end Rnwy 10-28. E 2000' Rnwy 10-28 closed for landing acft days only. Barge in bay 2000' E of E end Rnwy 10-28 and 150' N of rnwy centerline, mrkd. (7-30)
SAN FRANCISCO CGAS-Seaplane harbor, channel and landing area unmrkd day or ngt. Facs avail. but unmrkd. Seaplanes landing can be taken care of either at Coast Guard or PAA. (3-22)
SAN MATEO ARPT-Avail. lgt acft only-const. (2-24)
SAN NICOLAS ISLAND OLF-Use in emerg only (caretaker status,no facs)
SANTA BARBARA-RADIO: About Aug. 14, Capitan FM will be comm on the W course, 9.7 mi. bear, 254°, at lat. 34-27-57, long. 120-02-30. Ident. four dashes. (7-29) About Aug. 11, low freq rng (320 kcs) will be intermittently interrupted days for conversion to simultaneous oper. About Aug. 25, fac will resume oper as class SBMRLZ-DTV fac. (7-25)
SANTA BARBARA ARPT- [illegible]. Closed to glider opers. (6-14)
SANTA MONICA ARPT-CLOVER FLD-Avail. trans acft with 2-way rdo. Closed ngts and to all student pilots. (5-6)
SHASTA SKY RANCH ARPT (FALL RIVER MILLS)-Approx 1/3 of the main strip has been gravelled and should be used during the winter months. Medium and large acft avoid during the spring thaw. (5-26)
SHERMAN FLD (WALNUT CREEK)-NW/SE strip closed. Equip. adj to NNE/SSW strip.(5-6)
SHERWOOD FLD (PASO ROBLES)-40' unlgtd wires E end E/W strip. (3-17)
STOCKTON ARPT-Rnwy 4-22 closed. Taxi lgts inop. No 100 oct. Single ended bcn operating without course lgts. (5-11)
SWEETWATER LANDING STRIP-Arrangements for using this fld made thru Opers Officer NAAS Ream Fld. No commun at landing strip. (12-5)
TEMPLETON MEADOW FLD (OLANCHA)-Unusable. (5-30)
TERMINAL ISLAND NAS (SAN PEDRO)-Bcn will be discont. soon. (6-26)
TRONA ARPT-Unlgtd wind sock erected on 25' pole midway between ends of rnwy on line with easterly bndry lgts. (3-7)
TUNNEL LANDING STRIP (OLANCHA)-Strip maintenance uncertain-ctn. (5-30)
VAN NUYS METROPOLITAN ARPT-Avail. civil acft providing they have off. bus. with one of the acft companies lctd on fld. Acft without rdo may enter providing previous arrangements have been made with twr. (12-5)
VICTORVILLE AAF-Use only Rnwys 16L-34R, 7R-25L, 3R-21L. (5-13)
VULTEE ARPT (DOWNEY)-Rnwys avail. days only when on off. bus. (3-26)
WARM SPRINGS ARPT-Heavy acft avoid fld during rainy weather. Glider opers with plane and auto tows. Tall grass and equip. on fld. (3-14)
WILLIAMS-RADIO: About Aug. 13, rng will be shut down for realignment of E course from 244° to 251°. Disregard spurious signals during realignment. (7-30)
[redacted]: BUCKLEY FLD (DENVER)-RADIO: 126.18 mc transmitter temp inop. (6-7)
FLD: No lgts, messing, transportation or lodging facs. (4-5)
CRESS FLD (WESTCLIFFE)-Use rnwys only. (2-19)
EAGLE-RADIO: About Aug 7, ctl stn will be relctd to new quarters at Int. Fld. Visual-aural rng will operate cont unmonitored and all rcvg watches, transmitting freqs of 111.1, 116.1 mcs and voice channel will be interrupted during relctn.
FLAGLER ARPT-Avail. ski-equipped acft after heavy snow. (2-19)
FORT COLLINS ARPT, SITE 5, DV-LR-30' unlgtd pwr line being const 200' S of N/S rnwy. (9-29)
★LOWRY FLD (DENVER)-RADIO: Army GCA training fac operates from 0900 to 1700 Mon thru Fri on VHF communication Channels A-B, with HF transmissions on 3475, 4890, 6640,3105,4495,6210 kcs. Guards 4495,4765,6210 kcs. Rcvs 3000-18000 kcs. Commercial airline freq. 3117.5 kcs and Channels C-D-G-H will be put into oper soon. (7-28). These data rcvd too late for inclusion on GCA page. FLD: Equip. on fld 0800 to 1700 Mon. thru Fri. (4-11)
PINE VALLEY ARPT (COLORADO SPRINGS)-All rnwys avail. between mrkrs only. Use rnwys only. (6-13)
PUEBLO-Demolition being conducted within the following described area: bounded on the N by lat 37-17-28, S by lat. 38-16-19; W by long. 104-18-38; E by long. 104-17-40.
PUEBLO ARPT-Rot. bcn atop hangar when lgtd indicates fld closed except to scheduled air carrier acft. NW/SE rnwy unlgtd. NE end NE/SW rnwy designated as calm wind

[redacted]: rnwy. Tetrahedron modified to automatically choose the calm wind rnwy when wind velocity below 7 mph. All acft land, take-off according to the tetrahedron. Two 300' twrs Rdo Stn. KCSJ erected, but not comm, lctd 5 mi NE (40° true) (7-17)
RIFLE ARPT-Strips under const. I n emerg use the extreme N side of the E/W strip Grade stakes on strip. (1-17)
ROYAL GORGE ARPT (CANNON CITY)-Do not land to the S (fone lines)(5-14)
RUSTON FLD (DENVER)-Strips soft during wet weather. NE/SW strip closed (6-6)
RUTLEDGE FLD (DU PONT)-Surplus Acft Sales Center-parked acft.
SALIDA ARPT-Landings should ordinarily be made to the W and take-offs to the E. (6-13)
SKY RANCH ARPT (DENVER)-Right traffic Rnwys 26,30,36; left traffic Rnwys 8,12,18 Traffic controlled by tetrahedron. Avail. CFR oper days only. (6-13)
TRINIDAD ARPT-Strips avail. lgt acft. (2-21)
**UTE FLD (CORTEZ)-Formerly carried as Cortez Municipal Arpt (Cortez)(4-7). See page 72.
WALKER FLD (GRAND JUNCTION)-Hvy acft use rnwys only. (6-13)
[redacted]: ★BRADLEY FLD (WINDSOR LOCKS)-RADIO: CAA ILS now operates 0730 to 1600 Mon thru Fri. (7-29)
BRAINARD FLD (HARTFORD)-RADIO: Twr equipped to transmit on and guard 121 9 mcs for mobile gnd traffic. (6-16) FLD: Equip. on fld intermittently. 300' bldg under const 1.5 mi NW fld bndry, close to NW leg Hartford Rng. Flood lgts N end N/S rnwy inop. 11 street lgt poles erected W side fld, unlgtd. Lgts approx 12' below top of poles. All seaplanes landing in Conn. River adj to Brainard Fld must be equipped with 2-way rdo. All trans acft landing at fld must be equipped with operating rdo rcvrs.(7-28)
BRIDGEPORT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (8-1)
BRIDGEPORT ARPT-Use rnwys only. Exten local traffic days. Acft landing without establishing rdo communs with twr must conform to local traffic pattern. Observe twr at all times for lgt gun signals especially on base leg and final approach Clear rnwy toward twr immediately after landing. All acft without rdo communs with twr should determine proper rnwy and taxi route from twr or opers prior to taxiing. (6-10)
BROOKFIELD ARPT-Open only to acft grossing less than 2000 lbs-closed to trans student pilots. Const N and S ends of fld and on taxiway between fld and shop (4-21)
DANBURY-SPECIAL NOTICE: Danbury Fair Inc, operating a search lgt at Danbury Speedways every Sat. ngt throughout the summer season. (5-27)
HAMMONASSET FLYING FLD (MADISON)-Closed to trans acft. Fld under complete reconstruction. (7-31)
HARTFORD-RADIO: Auto. range monitor. sys inop. (9-30)
KINSLEY FLD (SOMERS)-Temp closed-avail. emerg use only. (4-21)
NEW HAVEN ARPT-Avail. days only. Use rnwys only. No local take-offs or landings during airline arvls and dptrs when signalman stationed at approach end of rnwy being used, displaying red flag. (4-21)
RENTSCHLER FLD (EAST HARTFORD)-CFR acft flgt test opers days at all alts within 40 mi radius. (7-28)
SOUTHINGTON ARPT-Right traffic when taking off and landing to the E and SE. (4-25)
STEPHENSON ARPT (BRISTOL)-S 350' N/S strip being graded. Equip and rough area mrkd bal rnwy avail. lgt acft. (4-21)
TRUMBULL FLD (GROTON)-Water twr being const atop hill 1 mi NW. 107' unlgtd derrick being used during const. (5-19)
WATERBURY ARPT (PLYMOUTH)-Muddy with scattered puddles-avail. with ctn. (3-11)
[redacted]:DE VRIES (LEWES)-CLOSED (landing strip being repaired) (7-21)
NEW CASTLE CO. ARPT-Use rwys only. Equip. on fld days. (3-14)
SUSSEX ARPT (FRANKFORD)-NE 450' NE/SW strip unsafe-being extended. Use sod strips only. (7-23)
[redacted] SPECIAL NOTICE: The Administrator of CAA has designated the Mt Vernon National Monument a congested area. In accordance with C.A.R. 60.105 all acft will maintain at least 1000' over Mt. Vernon, lat. 38-42, long. 77-05-30.
SPECIAL NOTICE: TELEVISION TWR 730' ASL ERECTED 6.2 MI NW (302°) OF WASHINGTON NATIONAL ARPT, LAT. 38-53-46, LONG. 77-08-05. (3-22)
ANACOSTIA NAS (WASHINGTON)-Avail. 0700 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs. prior req of ETA. Boom const masts 100 to 150' high lctd [redacted]: 600 to 800' N of Rnwy 3-21, mrkd. (7-12)
BOLLING FLD (WASHINGTON)-Ltd fuel for trans acft. Rnwys 10-28, 14-32 closed Rnwy 17-35 closed to acft when weather minimums below ctc flgt minimums. Rnwy 2-20 avail No JP-1 fuel avail. (8-4)
★WASHINGTON NATIONAL ARPT-RADIO: Voice feature comm on CAA ILS Aug. 1. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. Following inst landing minimums have been estab for all Army traffic except sched ATC flgts: Day and ngt: Form 8 white card holder 800' and 1 mi. Form 8A green card holder-500' and 1 mi. Army acft landing this arpt will not use B channel VHF to ctc twr for landing and take-off instructions. B channel VHF will be used in case of emerg only. (1-16). FLD: Army: Use of this arpt by Army acft is prohibited except for: (a) Scheduled ATC traffic. (b) Landings and take-offs necessary for overseas flgts using customs and immigration clearance facs of aerial port of embarkation. (c) Flgts transporting VIP and General Officers above grade of Maj. Gen, as well as officials in similar or corresponding category of executive branches of Gov't. who may be using Army acft. Army acft authorized above to use arpt will be manned by fully competent crews who are well versed in air traffic control procedures peculiar to Washington Area. Army acft landing this fld should taxi to new ATC Term. Bldg. N of Admin. Bldg. Navy: Closed to Navy acft except NATS. Use Anacostia NAS In special instances, all of which will be cleared by Anacostia Twr, Washington National Arpt will be avail. to Navy planes. General: Closed to acft without rdo. Stay on paved areas-shoulders soft. Equip. on fld. Parking area ltd-turf soft. At times pilots of private acft will be unable to secure parking space. Lgtd trailer 500' W of centerline of N/S rnwy at N end. (2-15)
[redacted]: ALBERT WHITTED ARPT (ST. PETERSBURG)-Use rnwys only-soft shoulders. Stacks 1/4 mi SW. Seawall being const E of fld. Equip. on fld. (7-9)
**ALTOONA ARPT-ABANDONED. (7-28). See page 134.
AVIATION CENTER ARPT (LEESBURG)-Use rnwys only-sand soft. (5-22)
★BANANA RIVER NAS-RADIO: Navy rng decomm Aug. 1. Navy exper VHF rnwy lclzrs and various types of ILS oper intermittently, day, ngt. Navy exper rdo bcn, 414 kcs, ident. "BR", A-2 and A-3 emission, oper intermittently, day, ngt. (2-27) FLD: Open 0800 to 1700 for essential administrative traffic and emerg only. (6-27)
BANANA RIVER NAS SEAPLANE BASE-Closed to all acft. (6-27)
BOCA RATON AAF-Closed to all trans mil acft except on off. bus. or in emerg. Port. floods avail. on 15 mins notice. Stay on rnwys-shoulders soft. (6-9)
BRONSON FLD NAAS (PENSACOLA)-Inactive-no facs. (4-9)
BUNNELL ARPT-Cattle on fld. (5-19)
CANNON MILLS ARPT (ORLANDO)-N,NE,NW,E use right traffic. S,SW,SE,W use left traffic. (5-27)
CEDAR KEYS ARPT-Use rnwys only. (5-19)
CHAPMAN FLD (MIAMI)-Closed to trans acft ngts. Observe wind tee for traffic direction Orange arm to right indicates right traffic. (6-24)
**CROSS CITY AAF-Rot bcn in operation (7-26). See page 132.
DALE MABRY FLD (TALLAHASSEE)-26' unlgtd bldg 900' NW of NW end NW/SE rnwy. Observe twr E side fld for lgt signals. Bcn atop water tank S of fld inop Unlgtd hangar N side fld. (5-7)
DAYTONA BEACH ARPT-Top lgt of 347' twr Rdo Stn WNDB, 2 5 mi NE (45° true) burning but not flash. (7-5)
DINNER KEY CGAS (MIAMI)-Landing facs avail. in emerg or off. bus. (10-10)
DREW FLD (TAMPA)-Use rnwys only. Ditch, equip. along outer edges of N and S ramps, mrkd. Avail. to rdo rcvr equipped acft tuned to twr freq. Equip. along both sides of first 2000' of Rnwy 18-36 days, and adj to Rnwy between intxn of Rnwys 26,37, mrkd ngts. Neon approach lgts of ILS under const left side approach end Rnwy 18 and outward for 1500'. Trench both sides rnwy N of taxi strip between Rnwy 32 and ramp in front of twr. (7-28)
★EGLIN FLD (VALPARISO)-RADIO: "N" signal of Army rng should be shown in the NW quad. Weather bdcast 29 mins after the hr. Army GCA fac in regular oper and operates cont during IFR, for practice during CFR from 0800-1630 and on 30 mins req at other times. Freqs are: VHF Channels A,B,C,D,G,H. Transmits on 4890,3475,6640 kcs. Gds 4495,6210 kcs. Transmits on and guards airline emerg freq 3117.5 kcs. (7-29). These

FLORIDA: data revd too late for inclusion on GCA page. Army ILS to be reactivated soon. FLD: Acft approaching fld will enter area along right edge of S leg Crestview Rng (1)-Acft on CFR will fly 3000' or 500' below the ceiling, whichever is lower, until cleared by Eglin Twr. (2)-Acft on IFR will enter at last assigned airways cruising alt and ctc Eglin Twr for let-down instructions. Exten coast. (6-11)

ELLYSON NAAS (PENSACOLA)-Inactive-no facs. (4-9)

FORT LAUDERDALE-RADIO: Identification keying of FM on N course of Miami range may be erratic. (8-1)

FORT LAUDERDALE ARPT-Const. Fifty acres being cleared, graded and paved at the E side of fld. Taxiway being const parallel to the NW/SE rnwy, NW/SE rnwy being extended at the SE end. (6-3)

GILBERT FLD (WINTERHAVEN)-Use rnwys only. (4-17)

HILLSBOROUGH ARPT (TAMPA)-E/W rnwy avail. lgt acft only. Sinkhole 100' E of intxn filled with sand. Other rnwys and taxiways usable. (5-19)

HOMESTEAD ARPT-RADIO: CAA port. ILS lclzr equip. installed approx 1000' from E end E/W rnwy. Glide path equip. 400' N and 1000' E of W end E/W rnwy. ILS flgt-checked and will be comm at a later date. (6-24)

HOMESTEAD ARPT-Landing fee all acft. (3-12)

IMMOKALEE INT, SITE 13, MM-TM-Use with ctn-soft. (6-25)

JACKSONVILLE ARPT NO. 1-Operating of pvt acft between sunset and sunrise rstd to acft equipped with functioning rdo transmitter and rcvr. Between sunrise and sunset such acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by Chief Arpt Traffic Controller. (3-25)

JACKSONVILLE NAS-Trans seaplane acft desiring ngt facs notify Jacksonville NAS 12 hrs in advance. (5-22)

KEY WEST NAS-Closed between sunset and 0730 except by prior notification or in emerg. (2-4)

KEY WEST NAS SEAPLANE BASE-CLOSED TO TRANS ACFT EXCEPT IN EMERG OR PRIOR ARRANGEMENT. (4-10)

LAKE BUTLER OLF-Cattle on rnwys. (5-22)

LAKE WORTH MUN. SEAPLANE BASE-Hangar under const. Traffic pattern 500'. Prevailing wind E to SE. (1-22)

**LEESBURG AAF-206' twr of Rdo Stn WLBF erected 5 mi SW(251° true)at lat. 28-48-12, long 81-53-14, obst lgtd with one kilowatt blinker on top, two 100 watt lgts on other levels. (7-2)

MacDILL FLD (TAMPA)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Rnwys 4-22, 13-31, 18-36 avail. GCA equip. 3000' from end Rnwy 22R, lgtd. Heavy equip. between Rnwy 13-31 and parallel taxiway. Rnwy 4R-22L closed. Ltd svcg facs for trans acft on off. bus. only. (7-23)

MASTER NAS (MIAMI)-Closed 30 mins after sunset until 0700. Extreme ctn-hvy traffic. Northernmost E/W rnwy closed (equip., parked acft)(1-8)

MEACHAM ARPT (KEY WEST)-2 unlgtd 40' tanks 400' E of S end Rnwy 4-22. Obst lgts atop old control twr inop. Line of unlgtd pwr poles 25' high, 500' NW of and parallel Rnwy 11 and extending 1000' beyond end of rnwy before making 90° turn N now in process of const. (7-17)

MIAMI-RADIO: Federal Communication Comm Fld Unit Direction Finding Aids inop (being relctd. (7-11)

MIAMI INTERNATIONAL ARPT-AAF-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-25) FLD: Domestic non-scheduled acft taxi to old Army Terminal Bldg SE side fld upon arvl and prior to dptr and register with Ramp Supervisor. Scheduled air-carriers and international acft requiring immigration and customs service use 36th St. Terminal. Trans international pilots advise twr before landing. Use rnwys only. Equip. on fld intermittently days. Obst lgts inop atop pole lines adj Seaboard Airline R.R. Shops between N and S flds. All acft landing on E/W or N/S rnwys maintain sufficient alt to clear vehicular traffic on 36th St. and LeJeune Rd. No JP-1 fuel. Const in grass area between Terminal and W hangar ramps and E/W rnwy in N fld. Area mrkd and lgtd. New 80' control twr being erected approx 100' S of present twr bldg. (7-7)

MIAMI NAS-Acft remain on N leg Miami Range for distance of 25 mi N of rng stn when passing Miami NAS. Stay clear of NW corner fld-fighter training break-up area. Acft practicing touch and go landings ngts. Closed sunset to 0700. (11-15)

FLORIDA: MORRISON FLD (WEST PALM BEACH)-RADIO: Glide path transmitter of Army ILS being moved to lctn 1100' E of W end E/W rnwy, 400' S of centerline Middle mrkr ident being changed to alt dots and dashes. (3-17). AACS oper HF/DF stn temp suspended (4-24) FLD: 205' twr of Rdo Stn WIRK, erected 4 mi SSW (209° true) at lat 26-38-05, long. 80-07-25. Top level two 500 watt red flash lgts, middle level, two 100 watt red lgts, lower level two 100 watt red lgts (6-24)
Closed to all trans acft except on off bus or in emerg (7-3)

ORLANDO-RADIO: Soon, rng will be shut down for conversion to type SBMRLZ fac. (7-11)

ORLANDO AAB-ARPT-Fuel avail. mil acft on off. bus. with written orders only. (7-22)

ORLANDO AVIATION COUNTRY CLUB ARPT-Land to N, take-off to S Pwr line N.(5-19)

PAGE FLD (FT. MYERS)-NW/SE rnwy lgts inop. (5-1)

PENSACOLA ARPT-Exten Navy training thruout area. Join pattern at 500' left turn and circle. Use rnwys only. Taxi to right on nearest avail. taxi strip Opers and svcg ltd brick hangar. (4-29)

PENSACOLA NAS-CHEVALIER FLD-Avail. days only. Ngts use NAS Corry Fld. Permission may be obtained to land at Saufley or North Whiting Flds. Disposition delivery acft land at NAS Chevalier Fld. Multi-engine acft requiring rnwys in excess of 2500' land at NAS Corry Fld, bear. 34° NNW. Pilots desiring to land at Chevalier Fld ctc Pensacola Navy twr before entering traffic pattern. (5-22)

PETER O. KNIGHT ARPT (TAMPA)-Sodded areas E of Rnwy 3-21 and S of Rnwy 10-28 rough - use ctn when taxiing. Hvy acft use rnwys Equip. on fld days. (5-20)

PINELLAS CO. INTERNATIONAL ARPT (ST. PETERSBURG)-Lgt acft landing and taking off on sodded area directly S of fld. (6-30)

PUNTA GORDA MUN. ARPT-Usable emerg landings only. (5-29)

ST. AUGUSTINE ARPT-All lighting facs inop. (5-19)

SAUFLEY NAAS (PENSACOLA)-Equip. on fld. (6-30)

STENGEL FLD (GAINESVILLE)-Cattle on fld. (5-19)

SUNNY SOUTH ARPT (MIAMI)-Lgtd for student ngt flying. Closed to trans acft. (5-13)

TALLAHASSEE-RADIO: About Aug. 15, rng freq will be changed to 379 kcs (8-1)

TAMIAMI ARPT (MIAMI)-CFR day oper. Landing fee only to acft carrying passengers or cargo for hire. Equip. on fld intmtly. days. (3-12)

TAYLOR FLD (OCALA)-Use rnwys only. (1-23)

*TITUSVILLE INT, SITE 20, MM-AG-The 24" clear 6 rpm bcn with clear course lgts flash char. "O" (- -) and lgtd wind cone loc lat 28-37, long 80-50 oper as line bcn adj to Day Fld oper by Brevard County. (7-17)

TITUSVILLE-COCOA ARPT-Use rnwys, taxiways only (soft sand)(5-8)

VERO BEACH ARPT-Crash facs not avail. on line. Rnwys 11-29, 3L-21R, 7L-25R, 18-36 closed (repairs)(5-21)

WEST PALM BEACH-RADIO: Rng inop until Aug 9. Rcvd too late for (R) symbol.

WHITEHOUSE OLF (JACKSONVILLE)-Closed Suns, used by model acft. Avail. emerg only.

WHITING FLD NAS-NORTH (MILTON)-Avoid fld area under 2000'. 6" sloping curb at rnwy edges. Tetrahedron indicates rnwy in use and not wind direction. Ctc twr before entering traffic pattern. (4-14)

[redacted]: ALBANY ARPT-Use rnwys only. (7-8)

ATLANTA ARPT-RADIO: Middle compass lctr of CAA ILS temp inop. (6-27)
FLD: Const, equip. on fld intmtly. Use rnwys ngts. Closed to HB and VHB acft. Trans Army acft use Marietta AAF. 25' lgtd bldg near N end N/S rnwy. N portion of N/S rnwy extending down to the E/W rnwy obscured from twr and is closed to all traffic except acft with 2-way rdo in commun with twr. Pilots land at own discretion. (7-5)

ATLANTA NAS-Avail. sunrise to sunset. After sunset open for landings only. No clearance or svcg. No fuel temp. (7-7)

BUSH FLD (AUGUSTA)-WAC planes parked entire fld off rnwys. Use rnwys only. (7-1)

CALLOWAY ARPT (LA GRANGE)-Heavy acft use rnwys, taxiways only-grass areas soft. All-over landing small acft in dry weather. (4-17)

CAMILLA ARPT-Equip. on fld. (7-9)

CAMP STEWART AAF (HINESVILLE)-Cattle on fld (12-17)

CARROLLTON ARPT-Equip. on fld. (5-12)

CHATHAM AAF (SAVANNAH)-Rot. bcn inop. Exten P-47 NG acft transition training, formation flying and acrobatics 0800 to 1700 all within 35 mi radius. (4-4)

CIVIL AIR PATROL ARPT (WAYCROSS)-Use mowed strips only. (7-8)

COCHRAN FLD (MACON)-Use rnwys, taxi strips only. (12-5)

[redacted]:CORDELE-Use rnwys only. (7-8)
DANIEL FLD (AUGUSTA)-Unlgtd embankment with fence and hwy at W end Rnwy 28.(7-18)
HUNTER FLD (SAVANNAH)-Sharp incline of approx 20', 370' on approach to Rnwy 23L. Approx 1200' of E end of E/W rnwy not visible from twr. Hangar now obstructing view expected to be dismantled by approx Sept 23. Obst lgts atop bldgs in center of N ramp inop. (6-23)
JESUP ARPT-WNW 700' ESE/WNW strip under const. (7-8)
LAKEWOOD ARPT (ATLANTA)-Strips rough in spots. (10-9)
LAWSON FLD (COLUMBUS)-RADIO: Army rng freq will be changed to 335 kcs soon. Rng unreliable and to be used only for homing and training until further notice. (7-23) FLD: MAKE ALL APPROACHES TO LAWSON FLD W OF CHATTAHOOCHEE RIVER, HIGH TRAJECTORY FIRING E, SE OF LANDING AREA DAY, NGT. Pilots may be required to make cross-wind landings. Use rnwys only. 4 lgtd parachute jumping twrs E of fld; mass parachute jumping from all alts under 1600' scattered thru area 10 mi sq. S of fld. Drainage ditch with unlgtd fence between ends Rnwys 2,32. Right traffic Rnwys 14,20,27; left traffic Rnwys 2,9,32. (4-30)
LE TOURNEAU ARPT (TOCCOA)-NNE/SSW strip closed (const). Avail. only with extreme ctn. 1000' extension being added to W end E/W strip. (1-22)
MALCOLM-McKINNON ARPT (BRUNSWICK)-Equip. on fld days. Use rnwys only. (7-8)
MARIETTA AAF-No maintenance 1700 to 0800. Ltd transportation. Temp twr atop Opers Bldg 200 yds N intersection Rnwys 10 and 15. (5-19)
MILLEDGEVILLE MUN ARPT-Soft after rainy weather. (4-17)
MUSCOGEE CO. ARPT (COLUMBUS)-Wind tee tied day and ngt when wind is 12 mph or less. Free swinging over 12 mph. (5-16)
ST. MARYS ARPT -Cattle on fld and rnwys. Use rnwys only. (7-8)
SAVANNAH-RADIO: Rng figt-checked July 26, courses correctly aligned.
SOUTHER FLD (AMERICUS)-Use strips only. Soft when wet. (4-8)
SPENCE FLD (MOULTRIE)-Use rnwys only. All over fld avail. lgt acft only in certain areas. Landing area N of rnwys to be used only by pilots familiar with fld. Grass area adj to rnwy closed (sloped for drainage). (4-8)
TURNER FLD (ALBANY)-RADIO: Army air/gnd stn temp inop. (2-10)
VADA ARPT (BAINBRIDGE)-CLOSED (cattle on fld). (1-16)
[redacted]: BOISE ARPK-Right traffic for NW landings and take-offs. (5-21)
BOISE AIR TERMINAL-Use rnwys, taxi strips only-shoulders soft. Non-rdo equipped acft use Rnwy 10L with left approach or Rnwy 28R with right approach when tetrahedron indicates traffic SE or NW. Parking ramp on Nat'l Guard side of fld immediately in front of twr SW of Rnwy 10R-28L closed to all acft other than mil except for taxiing. Extreme ctn while taxiing thru this area. (6-2)
BRADLEY FLD (BOISE)-Right traffic SE take-offs and landings. (3-17)
BURLEY ARPT-Use rnwys only. Soft spots on taxi strips. (2-22)
GOODING ARPT-Use strips only-sod unsafe (erosion). (3-1)
GREEN MEADOWS ARPT (EAGLE)-Right traffic NW take-offs and landings. (3-17)
MOUNTAIN HOME AAF-N/S rnwy closed. Gravel area W edge approx 20' sq. soft.
POCATELLO-RADIO: VHF omni-directional rng shutdown for an indefinite period.(7-26)
POCATELLO ARPT-6' ceilometer approx 75' S of Rnwy 5-23 at a point 500' W of taxi strip that intercepts Rnwy 29. Use rnwys, taxiways only. Equip. on fld days. (6-3)
PRIEST RIVER MUN. ARPT-NNE/SSW strip under const. (1-13)
REXBURG ARPT-W side N/S strip at N end unimproved and dangerous. (3-14)
TWIN FALLS ARPT-Use strips only, soft when wet. (2-21)
[redacted]: ALBERTUS ARPT (FREEPORT)-Const. Use N/S, NW/SE rnwys, soft when wet. Land withing rnwy mrkrs. (2-25)
ASHBURN ARPT (CHICAGO)-Avail. only lgt acft under 2000 lbs. Landing fee for heavier acft $2.00 and up. NE/SW rnwy under const-unusable. Do not turn off cinders onto grass. (5-5)
CASEY ARPT-Red flag on windsock indicates strips too soft for safe oper, green flag indicates strips in good condition, orange flag idicates Right Traffic. (2-26)
CHANUTE FLD (RANTOUL)-Ltd parking. Inten training including weather, hood, and ngt between the hours of 0700 to 0100 daily. (6-24)
CHARLESTON ARPT-Left traffic when wind from N or W; right traffic when wind from S or E. Unsafe heavy acft-soft. NE/SW rnwy closed (const.) (3-3)
[redacted]:CHESTERFIELD INT, SITE 4, LS-CG-Will be perm discont Sept. 1. (7-22)
CHICAGO-RADIO: Ctn - VHF omni-directional rng unmonitored. About Aug 20, weather permitting W course will be realigned from 66° to 81°. (7-30)
CHICAGO ARPT-RADIO: GCA temp inop. (6-16) FLD: Const 60' high W of Rnwy 22 center at NE corner fld. Snow extension lgts 22" above grade on Rnwys 31L, 36R, 27L, mrkd. GCA truck and trailer lctd near center of fld, lgtd. Closed to trans Navy acft except on off. bus. or acft containing officers of flag rank. Pilots must register in Terminal Bldg upon arvl and check out on dptr. Floodlgts avail. on req. Following landing fees in effect to all non-scheduled revenue producing acft: 30 cents per 1000 lbs or fraction thereof of the gross weight of the acft. Minimum charge $2.00. Fee payable at Arpt Supt's Office before dptr. 3 hangars under const along N taxiway. Ctn when taxiing Ramp in front of new Terminal Bldg being repaired. (5-14)
CHICAGO-HAMMOND ARPT (LANSING)-Surplus Acft Sales Center-parked acft.
★CHICAGO HEIGHTS-RADIO: VAR rng comm for oper without voice feature July 30 at lat 41-31-08, long. 87-34-32. Aural courses: 178°,358°; visual courses: 88°,268°. Freq. 108.3 mcs., Ident "CG". Stn unmonitored and operating without auto. standby equip.
CHICAGO-ORCHARD PLACE ARPT-RADIO: About Aug 15, CAA twr freq will be changed to 332 kcs, 126.18 mcs. (7-31) FLD: Landing fees same as Chicago Arpt. Trans acft register in city office S side fld. Glide path bldg 800' SE of NW end NW/SE rnwy 400' SW. Lclzr bldg 950' SE of SE endNW/SE rnwy. (6-4)
CYRIL LEBERT ARPT (LEBANON)-Left traffic pattern at 400'. Watch for Scott Fld traffic. (3-27)
DECATUR PARK DISTRICT ARPT (DECATUR)-Use rnwys only. (4-22)
FLORA ARPT-NE/SW strip under const. (12-10)
GALESBURG MUN. ARPT-W bndry rough. (3-28)
JOHNSBURG ARPK-Equip. on fld. (3-18)
JOLIET-RADIO: About Aug 18, weather permitting, NW course will be realigned from 139° to 68° and will then be identified as the W course, SE course from 306° to 248° and will be identified as the E course. (7-30)
JOLIET ARPT-SITE 22, LS-CG-Emerg fueling and acft svcg avail. 2400 to 0800 on req. (4-29)
LEWIS-LOCKPORT ARPT (LOCKPORT)-Use strips only. Stay on gravel when wet.(3-16)
MARION ARPT-Ext. train. 8 mi radius. Trans pilots use left hand rectangular 600' traffic pattern. NE/SW rnwy closed. In wet weather use black rnwys. Wind tee moved to circle in center of fld. (5-12)
METROPOLIS MUN. ARPT-Under const. Will be completed approx Sept 15. (7-16)
MOLINE-RADIO: About Aug 19, weather permitting, E course will be realigned from 265° to 258°. (7-30)
MOLINE ARPT-75' lgtd mast, 1500' W, 500' S of centerline of E/W rnwy guyed with cables. 20' gravel pile 300' W of SW end NE/SW rnwy. (4-30)
MOUNT VERNON ARPT-E/W strip mrkd with flare pots, dusk to dawn. Serve as mrkr lgts only. (4-7)
NEWARK-RADIO: About Aug 20, coincidentwith reorientation of W course of Chicago rng FM on E course will be decomm. (7-31)
PAL-WAUKEE ARPT (GLENVIEW)-250' Goodyear Blimp based on fld until approx Aug 10. Stationary mooring mast 45' high with single obst lgt lctd on NE side of fld, approx 300' from rnwys. Blimp unlgtd, but riding lgts will be turned on upon approach of acft. Pilots requested to avoid use of rnwys during 10 or 15 min period which occurs twice a day when blimp is landing or taking off. (5-31)
PEORIA ARPT-Eqhip. on fld 0800 to 1630 daily except Sun. (5-10)
PROSPERI ARPT (TINLEY PARK)-Use rnwys only-equip. on fld. (7-8)
QU INCY ARPT-Avail. days only. Fld lighting under const. Ditches along rnwy edges. Use only rnwys in thawing weather. (2-24)
ROCKFORD-RADIO: About Aug 14, weather permitting SE, NE and SE courses will be realigned to 93°,273°,314°. (8-2)
ST. CHARLES ARPT-Closed except in emerg. (10-2)
SCHILT FLD (OLNEY)-NW/SE strip softin wet weather and after thaws. (3-31)
SCOTT FLD (BELLEVILLE)-E/W rnwy perm closed to all take-off and landings. Parked acft on rnwy. (7-22)
SMITH AVIATION FLD (ST. ELMO)-Use N/S rnwy only. Equip. on fld. (7-31)

ILLINOIS: SPRINGFIELD ARPT-Fld and strips soft after heavy rains. Unsafe heavy acft when soft. (4-5)
SPRINGFIELD MUN. ARPT-New arpt lctd 3 mi NW of Springfield will be completed about Aug 6. Day time oper only-no lgts. Use rnwys only, ditches and hills off rnwys. (8-1)
STINSON ARPT (LA GRANGE)-NE end NE/SW rnwy closed. (5-14)
STOCKTON ARPT-Use strips only. (6-10)
WAUKEGAN ARPT-NW/SE E/W strips usable except in extremely wet weather (5-13)
WHITE CO. ARPT (CARMI)-NE SW strip rough. Low wires S end fld. (7-22)
YORK TOWNSHIP ARPT (LOMBARD)-Equip. on fld. (4-7)
Indiana: ANGOLA-RADIO: Ctn - VHF omni-directional rng unmonitored.
AUBURN ARPT-Use strips only. Kerosene lanterns avail. in emerg. (5-14)
BAER FLD (FT. WAYNE)-Rnwy lgts 9-27 inop. Tetrahedron uncontrolled. (4-22)
BENDIX FLD (SOUTH BEND)-Equip. on fld days. N triangle closed. (7-5)
BLOOMINGTON ARPT-Turf sparse-soft when wet. (5-19)
BRIGHTWOOD ARPT (INDIANAPOLIS)-E end E W strip under const. Pilots observe tetrahedron for rnwy direction. Taxi on well mrkd taxi strips and dead rnwys. Circular traffic pattern in use. (5-19)
CHAIN-O-LAKES ARPT (SOUTH BEND)-Avail. acft up to 6000 lbs. Use strips only.(5-23)
CHARLESTON ARPT-Trees at both ends-usable with ctn. Entire fld soft after prolonged rain. (5-19)
COLUMBUS MUN. ARPT-Turn off rnwys onto taxi strips after landing. Use rnwys only. (7-5)
••EVANSVILLE ARPT-480' twr of Rdo Stn WIKY erected 5.2 mi SW. (227° true). one red flash. lgt on top level. two red flash. lgts at 240' levels. three steady red lgts at 120' and 360' levels. Twr unpainted. (7-9) Trans use rnwys only. Equip. on fld days. (5-5)
HULMAN FLD (TERRE HAUTE)-Erosion on fld-use rnwys only. (6-23)
INDIANAPOLIS-RADIO: 75 mc bndry mrkr using keyed 3000 cycle tone, oper intermittently at SW bndry of arpt. Exper lclzr on 108.3 mcs SW end NE SW rnwy. Exper rdo rng with 5 lgtd 131' twrs oper intermittently at Avon, Ind., 7 mi NW of arpt on 172 and 194 kcs Low pwr (holding mrkr), 75 mcs, 10 mi SW of arpt on ILS lclzr course, keying "U", tone 3000 cycles, temp inop. (11-22)
★INDIANAPOLIS ARPT-RADIO: GCA unit oper by CAA on exper basis discont. (7-23) FLD:
•• 36" rot bcn atop Admin Bldg showing green on one side and white on other comm July 24, 1947. 24" rot bcn and flash green code lgts removed. (7-25) Right traffic pattern for acft landing on grass to the right of rnwy in use; left for acft landing on grass to left of rnwy. Acft landing on rnwys use left traffic pattern unless otherwise advised by twr. Exper bcn atop Admin Bldg rot. at high speed counter clockwise operating during IFR days only. All trans acft use rnwys only unless cleared by twr to operate on grass areas. Grass areas normally reserved for local acft operating under preventive control. (7-9) Pilots of mil and trans acft register with registrar in Admin Bldg Lobby. Rnwy 18L-36R closed. 1 bldg and 22' mast 400' off centerline near SW end NE/SW rnwy. No mil svcg-use Stout Fld. EXPER OPERS: Approach lgt sys on SW approach lane; bndry lgts SW corner operating; intermittently. 2-1/2' exper rnwy lgts both sides NE/SW rnwy. Exper flights of all types in all weather conditions. 25' pole outside bndry 500' W of Rnwy 18; 65' twr 10' N CAA hangar; truck and 20' equip 400' NW end NW/SE rnwy 500' W of rnwy centerline; truck 20' high NE corner at bndry 500' NW of NE/SW rnwy; 12' trailer 1000' NE of NE/SW rnwy on centerline trailer adj CAA glide path 400' SE of NE/SW rnwy, all lgtd ngts Exper slope line (glide path) approach lgt sys installed W end Rnwy 9-27. Lgts consist of 3 pairs of red tubular lgts spaced 100' apart with first pair lctd 100' W of rnwy The outer pairs show red only on approach side; the inner pair show red on approach and rnwy sides. The high end of outer unit is 8', and high end of inner unit is 5'. Operate normally with rnwy ctc lgts. 20' elevated gaseous tube directional taxi mrkr lgts showing a blue lgt when lgtd. 5 on exper stn taxi strip and 15 on short N/S rnwy and two short E/W taxi strips leading therefrom to Admin Bldg apron. (6-24)
McCOOL INT, SITE 3, CG-LG-Pwr poles approx 460' S of the S end of the N/S rnwy, fone line along the S side of Hwy #6, 50' silo 1160' W of watchhouse, all unmrkd. Green bndry lgts No. 17 and 28 changed to clear. (5-27)
MORGANTOWN-RADIO: FM formerly on S course of Indianapolis Rng will remain in oper on exper basis. (11-8)
MUNCIE ARPT-Will be closed from 1430 to 1630 Sunday, Aug 17 for Air Show. (7-25)
Indiana: MYERS FLD (FT. WAYNE)-Avail with ctn. Soft during wet weather. (7-5)
PURDUE UNIVERSITY ARPT (LAFAYETTE)-Due to heavy local traffic, trans acft avoid turning in middle of fld after landing. Taxi straight to end of fld; then taxi within 100' of bndry to hangar. Scattered pools of water SW end NE SW rnwy in wet weather. 377' twr rdo stn WASK erected 3.75 mi ESE (105° true). Temp obst lgtd. (7-16)
SKY HAVEN ARPT (BEDFORD)-Use rnwys only-shoulders soft when wet. Const area mrkd. (5-19)
••SMITH FLD (FORT WAYNE)-300' antenna twr of Rdo Stn WFTW erected 6 mi SSW (209° true) at lat 41-04-02, long. 85-12-54. Flash. bcn atop. (6-26) Use rnwys only-turf soft when wet (5-19)
SOUTH BEND-RADIO: Ctn - VHF omni-directional rng unmonitored.
SOUTH BEND-Barrage balloon over S central portion of South Bend. Max height 500' above gnd. Aloft 0700 until 1700 daily. (5-27)
STARK CO. ARPT (KNOX)-N S strip soft-loose sand Avail. lgt acft only. (5-19)
STOUT FLD (INDIANAPOLIS)-Crash equip. avail. 0800 to 1700 daily only. Ltd svcg facs Lgts on prior req. (5-22)
TRI-STATE ARPT (ANGOLA)-N S strip closed (const.) (5-5)
URSCHEL FLD (VALPARAISO)-Strips soft in wet weather. (5-19)
WELLS CO. ARPT (BLUFFTON)-Avail. with ctn-soft during wet weather (5-5)
WHITTENBERGER ARPT (WABASH)-Use right traffic in landing S or W; left in landing E or N No wind conditions land to W. (5-8)
IOWA: CEDAR RAPIDS ARPT-Use rnwys, taxi strips only. (3-22)
CHAPMAN FLD (WATERLOO)-Bcn, bndry, obst lgts inop. (4-2)
CRAM FLD (DAVENPORT)-Const. Fld rough, equip on fld. (3-21)
DES MOINES ARPT-Entire area off rnwys E of N S, NW/SE rnwys closed. Use rnwys only. Area off SE end NW SE rnwy closed to taxiing, mrkd. Equip. on fld. (7-25)
DUBUQUE ARPT-CLOSED (flooded). (6-13)
ELKADER ARPK-N S strip newly graded and seeded. (5-29)
HUNTER FLD (CEDAR RAPIDS)-Use rnwys only. (7-29)
IOWA CITY ARPT-Closed ngts Sod adj rnwys, taxi strips freshly seeded. Lgts being installed Const. Trenches 3' deep adj all rnwys, mrkd. Equip. on rnwys. Rnwys will be cleared for air carrier landings. New bcn 250' E of N S taxiway, mrkd by red lanterns ngts. (6-13)
LAMONI INT SITE 10, KC-MP-Unsafe (soft) (4-16)
MASON CITY ARPT-Landings and take-offs prohibited on sod rnwys W of Admin Bldg. Sod between taxi strip and N end N S rnwy unusable. (4-29)
OTTUMWA NAS-S landing mat closed (helium bottles on mat) Use rnwys only. Fld opers avail. 0800 to 1800 Mon thru Fri. Facs avail on 24 hrs notice at all other times. (7-10)
SIOUX CITY ARPT-Blinding ceilometer 1000' N of Admin Bldg. Army refueling avail. on off. bus. or in emerg only. (7-22)
KANSAS: ALLMAN ARPT (LENEXA)-Use strips only (4-2)
BEECH ARPT (WICHITA)-During damp weather, use rnwy only (4-2)
CESSNA ACFT FLD (WICHITA)-Portion of fld E of Rnwy 17L unsafe-large cracks. Stay W of flags (2-6)
DODGE CITY ARPT-Blinding ceilometer installed 1000' NW of Admin Bldg. E W rnwy closed. Parked acft on fld N and S of Admin Bldg due to partially completed const on parking area. Hangars being built NW Admin Bldg. (4-11)
FAIRFAX FLD (KANSAS CITY)-Only 100 oct avail. (6-13)
FT. RILEY-AA firing conducted immediately N of Marshall Range Stn.
GARDEN CITY AAF-No svcg or maintenance avail (2-7)
HUTCHINSON MUN ARPT-Heavy acft use rnwys only. (7-22)
HUTCHINSON NAS-CLOSED-no facs. (11-25)
INDEPENDENCE AAF-Closed to all acft except on off. bus or emerg. Only N S rnwy nearest ramp avail. (6-23)
MARSHALL FLD (FT. RILEY)-For AA firing see Ft Riley, Kans. Use rnwys, taxi strips, ramps only. Soft shoulders off rnwys. Rnwy lgts undependable. (2-10)
OLATHE-Acft of various types operating during IFR up to and including 2000' above ground. Air space includes the area within a 5 mi radius centered on Olathe Range Stn.
OLATHE NAS-Closed 1800 to 0800 - flights desiring landing during these hrs must notify opers before 1600. (6-13)

[redacted]: OLATHE OLF NO. 2-Use in emerg only-no facs.
OLATHE OLF NO. 4-Use in emerg only-no facs.
OLATHE OLF NO. 7-Use in emerg only-no facs.
OLATHE OLF NO. 9-Use in emerg only-no facs.
SHERMAN FLD (FT. LEAVENWORTH)-Left traffic Strips 12,15; right traffic Strips 30,33. Use strips only. Strips soft when wet. 10' dike connects N end N/S strip. Closed to VHB type acft. (4-11)
SMOKY HILL AAF (SALINA)-RADIO: Army ILS (CAA type) inop indefinitely. (4-1)
TOPEKA-Inst flying radio range ngt, day. Call Topeka Radio at least 20 mi out before flying range.
TOPEKA AAF-Closed to all trans mil acft except on off. bus. or in emerg. Four 197' rdo twrs being const 5.1 mi NE, lat 39-01-17, long. 95-34-15, temp obst lgtd. (7-14)
WICHITA ARPT-Ctc lgts all rnwys under repair. Avoid taxiing over ctc lgts. Trans acft without rdo use ctn. Stay on concrete-sod unsafe. (4-29)
WICHITA AUX ARPT-Arpt lctd 6 mi SE of Wichita not avail. as an auxiliary fld. City of Wichita not responsible for consequences arising from use of the fld. (4-19)
[redacted]**BLUE GRASS FLD (LEXINGTON)-Bcn, rng, obst and rnwy ctc lgts on prior req. (5-7). See page 84. Use rnwys only. (5-5)
BOWLING GREEN ARPT-Use rnwys only. NE/SW rnwy lgts inop. (6-4)
CAMPBELL AAF (HOPKINSVILLE)-Ext const. Only Rnwy 4-22 avail. (6-1)
GODMAN FLD (FT. KNOX)-RADIO: Army rng unreliable; use primarily for homing. (6-24) FLD: CLOSED TO ALL ACFT GROSSING 30,000 LBS OR OVER EXCEPT IN EMERG. High trajectory firing in danger area NE fld day, ngt. (6-24)
GREATER CINCINNATI ARPT (COVINGTON)-Lgts not controlled from twr. Lgts inop Rnwy 13-31. Equip. between Admin Bldg and tetrahedron. Open places adj to rnwys and taxi strips, lgtd and flagged. (7-7)
JODY FLD (LONDON)-Const-use rnwy N of hangars only. (4-28)
LEXINGTON-RADIO: Ctn-visual-aural rng unmonitored, no auto. standby equip.
PADUCAH-McCRACKEN CO. ARPT-Bcn, ctc lgts oper from dusk till dawn daily. Only NE/SW rnwy lgtd ngts. (6-18)
STANDIFORD FLD (LOUISVILLE)-NG svcg not yet avail. (4-22)
[redacted]: BARKSDALE FLD (SHREVEPORT)-Liaison type acft land Rnwy 14R-32L. Exten training, heavy traffic. GCA unit on right and left hand side of center rnwy, lgtd. No 91 oct. Fuel avail. to acft on off. bus. with written orders only-fuel shortage. (7-21)
**CAMP POLK-Two danger areas in vicinity have been discont.
COMMERCIAL ARPT (HODGE)-Unsafe (rutted). (6-10)
COTTON VALLEY ARPT-E/W strip closed. (1-23)
CROSS LAKE SKY HARBOR (SHREVEPORT)-Land only in area in front of Base. (2-13)
DONALDSONVILLE INT, SITE 26, HU-NO-Equip. on fld. (7-14)
EAST BATON ROUGE PARISH ARPT (BATON ROUGE)-Avoid SE corner fld, mrkd with white flags. (1-27)
HOUMA NAS-LTA-Twr oper daylgt hrs 0800 to 1630 only for all acft by Navy in connection with Bureau of Aeronautics Sto. Closed to all other mil acft except in emerg. No fuel. Civil acft may land during daylgt hrs. Lighting facs for ngt flying not in oper for civil use. (4-23)
IBERIA PARISH ARPT (NEW IBERIA)-Use rnwys, taxi strips only. (3-13)
JENNINGS ARPT-Use strips only. Smudge pots avail. on prior arrangements. Unlgtd pole lines S and E side fld. Right traffic when landing S and W. (3 19)
LAFAYETTE ARPT-Use rnwys only. (4-29)
LAKE CHARLES MUN. ARPT-Blinding 30 million candle pwr ceiling lgt installed stn WBAS. Operates during cloudy conditions. Two 195' twrs 3.5 mi NW under const, lgtd. 80,91 oct for mil acft. (7-31)
LE GROS MEMORIAL ARPT (CROWLEY)-170' twr being erected 9 mi NE (55° true). Will be lgtd upon completion. (3-24)
★MOISANT INTERNATIONAL ARPT (NEW ORLEANS)-RADIO: Middle mrkr now monitored. (6-3). CAA ILS flgt-checked Aug 3, oper normal. FLD: Use rnwys only ngts. Sod area 200' each side rnwys avail. lgt acft days only. Closed to all acft not equipped with 2-way rdo except in emerg. 171' steel derrick being erected approx 15 mi SSE in Lake Salvador, unlgtd. Tetrahedron inop. (5-12)
MONROE ARPK-Avail. days only. (12-20)
[redacted]: NATCHITOCHES ARPT-Trad to right. 44' trees approx 400' S of S end N/S rnwy and 77' trees approx 800' W of W end E/W rnwy. (1-23)
NEW ORLEANS ARPT-CLOSED TO ALL NAVY ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG. Obst lgts on S pole line inop. Closed to all Army acft except primary, basic and advanced (not including converted tactical type) trainers, utility cargo, C-46, C-47 series, C-60, C-64, liaison acft, helicopters and autogyros. (3-26)
SELMAN FLD (MONROE)-Obst lgts atop twr inop. Equip. on fld. (12-27)
SHREVEPORT ARPK-Entire fld avail. except sod area E of N/S rnwy. Land with wind tee Wind sock for wind direction only. (1-6)
SHREVEPORT ARPT-Use rnwys only. Two 120' derricks 1/2 mi SW fld and one 120' derrick 1-1/4 mi S within approach zone N/S rnwy lgtd. 185' rdo twr being erected 4 mi SW (230° true). Work in progress SW end Rnwy 5-23, approx 100' from end of rnwy, mrkd. Equip. on fld days. NE/SW rnwy closed from intersection N/S taxi strip to SW end of rnwy approx 450'-const. Tetrahedron not operating. (7-31)
[redacted]: AUGUSTA-RADIO: Rng flgt-checked June 20, SE course displaced 3° SW, bear. 312°. Use stn lctn mrkr with ctn until flgt-checked. (7-11)
AUGUSTA ARPT-Obst lgts on antenna poles 400' NE Admin Bldg inop. (4-22)
DOUGLAS FLD (BRUNSWICK)-Right traffic when wind from the S. (4-22)
★DOW FLD (BANGOR)-RADIO: Army ILS temp inop. (7-26). Army GCA training fac oper on VHF Channels A-B-C-G with HF transmissions on 3475,4495,4890,6640 kcs. Guards 1500-18000 kcs. (7-31). These data rcvd too late for inclusion on GCA page. FLD: E/W rnwy closed. Use concrete portion fld only. Ltd transportation and maintenance facs. Equip. sides rnwys. Tetrahedron inop. (7-22)
FARMINGTON ARPK-After heavy rain land to W side strip. (4-23)
LEWISTON-AUBURN ARPT (AUBURN)-Heavy acft use rnwys only-safety strips soft. (11-13)
MERRYMEETING FLD (BOWDOINHAM)-Use in emerg only. (4-22)
MILLINOCKET-RADIO: Auto. rng monitor. sys temp inop. (7-10)
MILLINOCKET ARPT-NW 1000' NW/SE rnwy closed. Ctc lgts inop. (4-15)
NEW MEADOWS ARPK (WEST BATH)-PRIVATE-emerg use only. (5-6)
NORRIDGEWOCK ARPT-CLOSED-use in emerg only.
OLD TOWN ARPT-Use rnwys only-safety strips rocky. Lgts inop. (2-24)
PORTLAND ARPT-Pile driver with vertical boom about 100' high at high tide, lctd 1/2 mi from SE end NW/SE rnwy, unlgtd. Will be in oper until approx Sept 19. (7-31)
PRESQUE ISLE AAF-RADIO: Army HF/DF stn temp suspended. (5-16). Effect July 15, VHF/DF stn will be inop for indefinite period. (6-30) FLD: No longer assigned as Foreign Clearing Stn, except as weather alternate for scheduled ATC flgts. Svcg trans acft 0800 to 1700 only. Acute fuel shortage. Equip. on fld adj rnwys. Rnwy 16-34 closed for repairs. Bcn lgt atop standpipe 2/3 mi NE inop. (8-1)
SCARBORO ARPT-CLOSED (soft). (3-31)
[redacted]: ANDREWS FLD (CAMP SPRINGS)-RADIO: Army ILS temp inop. (6-17)
BALTIMORE-RADIO: About Aug 12, Severna Park FM will be comm on the S course, 7.9 mi from rng stn, at lat 39-05-38, long. 76-32-50. Ident. three dashes. (7-25)
**BALTIMORE MUN. ARPT-80,91 oct; 100 oct prior req; rdo rgrd between sunset and sunrise. Stacks NW and SE; ships 120' masts S, SW and W. (7-29). See pages 86, 88. No Crash equip. ngts. Use rnwys, taxiways only, other areas soft. Equip. on fld. Lgtd 160' derrick at lat 39-14-15, long. 76-31-00. 45' lgtd mobile steel boom 1/2 mi from fld bndry and 600' N of approach to Rnwy 27. (6-30).
BALTIMORE SEAPLANE BASE-Radio facs same as Baltimore Arpt. Control launch and other services avail. commercial operators by prior agreement with BOAC. Ramp and fuel services avail. by contacting Baltimore Twr. (4-21)
BELTSVILLE OLF-No crash equip. Closed to all acft except in emerg. (4-9)
★BRANDYWINE-RADIO: July 23, N and S courses realigned to 168°, 348°. Quadrants reversed, "N" signal in NE quad. Gnd-checked only.
EDGEWOOD ARSENAL FLD-CLOSED TO TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM C.O. Closed Sat and Sun. Operates. Mon thru Fri 0800 to 1600. (3-14)
ERCO ARPT (RIVERDALE)-Do not land on diagonal taxi strip due to softness and holes. Soft shoulders off rnwys. Avail. days only. (2-19)
GLENBURNIE-WHIPP ARPT-Avoid flagged area-equip. (2-19)
MARTIN ARPT (BALTIMORE)-CLOSED TO ALL COMMERCIAL ACFT EXCEPT THOSE ON

[redacted]: OFF. BUS. WITH GLENN MARTIN CO. OR IN EMERG. Trans or local traffic, not landing at fld, should avoid fld traffic patterns or approaches. (1-22)
PATUXENT RIVER NAS-Taxi strips adj and parallel to Rnwy 13-31 between Rnwys 2-20, 6-24 closed. Ditches adj Rnwy 9-27, mrkd. Equip. on fld. Obst SE end Rnwy 13-31. Ctn-land long on rnwy. (6-6)
PHILLIPS FLD (ABERDEEN)-CLOSED TO ALL TRANS MIL ACFT EXCEPT ON OFF. BUS. THIS STN OR IN EMERG OR PRIOR PERMISSION FROM C.O. Ltd svcg. No maintenance or RON. Danger area 1500 yds S; firing to 25,000'. Approach from N only, flying a heading of 200° from Aberdeen to fld. Heavy traffic rnwys. Rnwy 4-22 closed. (7-31)
SALISBURY-RADIO: Commissioning of VHF rng indefinitely postponed. (5-5)
SALISBURY ARPT-Ctn advised using Rnwy 13-31. Use center rnwy only-rough area on S side rnwy 2000' from W end. Equip. on fld. (7-8)
SCHROM ARPT (GREENBELT)-SE end NW/SE rnwy under const, mrkd. Use only rnwy pavement and taxi strips. (4-10)
WEBSTER FLD (BEACHVILLE)-Closed except on 24 hr notice.
[redacted]: AGAWAM-Two searchlgts being operated from Riverside Park dusk to midngt May 30 to Sept 7. (5-8)
BARNES ARPT (WESTFIELD)-Oper of arpt bcn days indicates suspension of CFR oper. Ctc Westfield Rdo for lgts. 139' tank 5500' SW, lgtd-temp painted gray. No ctc lgts. (6-12)
★BOSTON-RADIO: July 31, rng freq changed to 382 kcs. Rng flgt-checked, courses correctly aligned.
BROOKFIELD'S ARPT-Ctn-steep grade at SE end. (4-21)
CAPE COD BAY-Wire cable 35' above high tide extending between wooden twr and fish processing plant has been established approx 5 mi SE Provincetown at lat 42-01-00, long. 70-05-30, extending 1000' seaward from shore of Cape Cod Bay.
GRAFTON ARPT (NORTH GRAFTON)-Avail. lgt acft only. Glider towing opers daylgt hrs. Powered acft approach with ctn. (5-16)
LA FLEUR ARPT (NORTHAMPTON)-Closed ngts. (7-10)
LAWRENCE ARPT-At ngt use rnwys for landing and taking off. (3-23)
LOGAN ARPT (BOSTON)-RADIO: CAA ILS placed in cont oper June 10 for pilot training and familiarization purposes only. Lclzr lctd 950' NE of NE end of Rnwy 4-22 on extended centerline. Freq. 110.3 mcs. Ident. "BOS". Glide path freq. 335 mcs. Angle 2.5°, lctd 1000' NE of SW end of Rnwy 4-22 and 550' SE of rnwy centerline. Middle mrkr 1.40 mi from SW end Rnwy 4-22 on extended centerline keyed alt dots and dashes; outer mrkr lctd 5.67 mi from SW end of Rnwy 4-22 on extended centerline keyed two dashes. Outer compass lctd at outer mrkr site on 203 kcs., ident. "G". Comm date of this fac for regular oper indefinite, pending completion of const and removal of const equip. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-16). FLD: Landing and dockage fees in effect as follows: Acft under 10,000 lbs $3.00; more than 10,000 lbs and less than 27,000 lbs $6.00; 27,000 lbs or over $10.00. Passenger planes shall pay in addition to above $1.00 per enplaning passenger. Freight, cargo and express planes shall pay in addition $6.00 per day or fraction thereof beginning at time of landing. Private or personal planes shall pay $1.00 when landing. All trans pilots must register at office of Arpt Manager and pay fees. Pilots will be denied clearance until fees are paid. Equip. on fld. Mercury arc vertical beam NW end new temp NW/SE rnwy-used intermittently day, ngt. Floodlgts and wind tee rmvd. Equip. on perimeter of fld. NE 100' Rnwy 7-25 unsafe. Old Rnwy 15-33 closed except for taxiing. All acft landing, taking-off or taxiing must use rnwys and taxiways only. Two-way rdo necessary for all acft landing this fld. 2 unlgtd 374' stacks lctd S. Boston Base 7900' from S end Rnwy 4-22. ILS lclzr path lies within 1500' of stacks-ctn. (7-13)
MANSFIELD ARPT Red flag flying when closed. (4-21)
MARLBORO ARPT-Avail. sunrise to one hr after sunset. (4-21)
MERRIMAC VALLEY SKYPORT (LAWRENCE)-Right traffic when landing or taking off down river. (4-4)
MYRICKS ARPT (BERKLEY)-Wires on S end N/S strip. (4-1)
NANTUCKET ARPT-Five 320' twrs being erected 6 mi W (280° true). (4-12)
ORANGE ARPT-Equip. on fld during summer months. (7-10)
OTIS OLF (FALMOUTH)-Use in emerg only (caretaker status-no facs).
PITTSFIELD ARPT, SITE 3B, AZ-BW -Land according to wind sock. (4-2)
••PLUM ISLAND FLYING SERVICE SEAPLANE BASE (NEWBURYPORT)-New base. Lat [redacted]: 42-47-45, long. 70-50-25. (7-30)
PROVINCETOWN LANDING FLD-CLOSED. (7-10)
REVERE ARPT-Right traffic on Rnwys 2,33,35. Const on seaplane base 1000' N of arpt. (4-21)
RICHARDSON ARPT (DRACUT)-Intersection of two strips muddy when wet. Heavy acft use wide pattern on downwind leg for WSW landing to avoid turkey farm 1000' from rnwy. (3-15)
SPRINGFIELD ARPT-Lgts inop. (4-21)
SQUANTUM NAS-Equip. at bndry and on fld. Fld avail. 0800 to 30 mins prior to off. sunset. Truck and two trailers 30' high on Rnwy 2-20, 150' S intersection Rnwys 14-32,2-20, lgtd (3-27)
STEVENS FLD (NORTH ADAMS)-Temp closed. (4-21)
WESTFIELD-RADIO: Rng flgt-checked July 25, courses correctly aligned.
WESTOVER FLD (CHICOPEE FALLS)-RADIO: Army ILS (CAA type) lclzr, Rnwy 24 unreliable. (4-23). HF/DF stn temp suspended. (5-22) FLD: Red bcn atop Mt. Nanatuck inop. (6-5) All acft on IFR approaching fld from NE will follow Amber 7 to Boston, thence follow Red 11 to Gardner intersection (W course of Boston Range and NE course Westover Range). Acft will report to Boston ATC over Gardner intersection and will then be instructed by Boston ATC to ctc Westover approach control for further clearance. Clearance given by Westover approach control will be in accordance with existing let-down procedures as disseminated from fld. Cruising alts assigned by Boston ATC will be maintained until further cleared to descent by Boston ATC. Westover approach control will assume control of acft upon departing Gardner intersection but not until released by Boston ATC. When under Westover approach control, all instructions will be followed which are transmitted by Westover Approach Control. (2-19)
[redacted]: ABRAMS ARPT (GRAND LEDGE)-Use strips only. (7-15)
ADRIAN CITY ARPT-SW corner of fld unsafe for landings and take-offs. (7-15)
ANN ARBOR ARPT-Use rnwys only. Taxi strips being widened, apron and parking areas being enlarged. Equip. on fld. (5-23)
BAKER'S FLD(PORT HURON)-Use strips only. Fresh fill E 1/2 N/S strip from intersection to S end, also SW end NE/SW strip. Soft when wet. (2-25)
BEACH ARPT (CHARLOTTE)-Sides of rnwys used for taxi strips. Ctn should be used due to roughness. (7-16)
BISHOP ARPT (FLINT)-Use rnwys only-soft. Unmrkd acft parked on fld within 500' of bldgs. (6-9)
★CADILLAC-RADIO: VHF voice fac comm on 116.1 mcs. (7-22)
CADILLAC ARPT-S 100' of 1000' E/W strip avail. to all acft except tricycle gear acft. Other strip usable this area from N of bldgs to fld bndry. 40' crane 300' E, 100' S of E end E/W strip approx 200' off centerline of approach. (7-15)
CAMPBELL MUN. ARPT (INDIAN RIVER)-Emerg use only. (3-21)
CAPITAL CITY ARPT (LANSING)-N/S rnwy avail. days only. Equip. on fld days. Acft parked on W side of fld E of apron. (7-16)
DALTON ARPT (FLUSHING)-Ctn during wet weather. (4-11)
FITCH H. BEACH ARPT (CHARLOTTE)-Ctn on taxi strips. (4-24)
FORD ARPT (DETROIT)-Avail. in emerg only. (7-15)
★GLADWIN-RADIO: VHF voice fac avail. on 116.1 mcs. Stn now guards 3105,4495,6210, 3117.5 kcs, 116.1,122.1 mcs . These data rcvd too late for inclusion on data page and charts.
★GRAND MARAIS-RADIO: Cont rcvg watch on 3105 kcs and scheduled weather bdcast on the hr and 30 mins past the hr established on city operated rng July 24.
★GRAND RAPIDS-RADIO: Rng coordinates: lat 42-52-57; long. 85-36-55. (6-30)
••GROSSE ILE-Large ctn area approx 29 mi. SW has been discont.
GROSSE ILE NAS (DETROIT)-Fld lgts on prior req. (7-1)
HAINES FLYING FLD (THREE RIVERS)-Use strips only. (7-16)
JAMES CLEMENTS ARPT (BAY CITY)-Use rnwys only. Closed ngts. (7-22)
JOY ARPT (DETROIT)-Ctn-const on cinder rnwys and taxi strips. (7-20)
LINDBERGH MUN. ARPT (KALAMAZOO)-Avail. ngts in emerg. Land in accordance with wind tee lctd midway between NW end NW/SE and N end N/S rnwys. Use rnwys only. (5-23)

MICHIGAN.OSCODA AAF-Use rnwys, taxi strips only.
PHELPS COLLINS ARPT (ALPENA)-Lgt acft may use sod only between rnwys and ramp. (other sod has fox holes). (7-15)
ST. CLAIR CO. ARPT (PORT HURON)-Use rnwys only-soft when wet. (7-16)
••SALEM-RADIO. Visual-aural rng comm at lat 42-24-29, long. 83-35-37, lctd 1 mi W of Salem. Freq. 109.1 mcs.. ident. "SVM" Visual courses: 82°,262°; aural courses: 172°,352°. Ctn - unmonitored. (7-21)
SAULT STE MARIE ARPT-Loose gravel on N/S rnwy. Use rnwys only. (7-16)
SELFRIDGE FLD (MT. CLEMENS)-RADIO: Army rng will be relctd soon. (5-20)
TRAVERSE CITY ARPT-Use rnwys only. (6-9)
WASHTENAW ARPT (DEXTER)-Use rnwys only. Avail. days only. (2-20)
WAYNE CO. ARPT (DETROIT)-No lgts or rdo. (7-16)
☆WILLOW RUN ARPT (YPSILANTI)-RADIO: CAA ILS with voice comm July 25, lclzr lctd on NE'SW rnwy (4R). Glide path angle 2 1/2°. See pages 32, 140. FLD: Equip. on fld. Trucks on NE'SW strip. Pilots must register with Ramp Control Supervisor on arvl and check out on dptr. Graduated scale of landing fees in effect for all revenue producing trans acft. (6-17)
MINNESOTA: AITKIN MUN ARPT-Const. (3-18)
APPLETON ARPT-Use rnwys, taxi strips only. (2-14)
BENSON ARPT-Use strips only. Closed to trans acft. (4-14)
BLUE EARTH ARPT-NW/SE strip avail in dry weather. (5-6)
COLERAINE ARPT-Slightly rolling. Const on fld. Usable in N/S and NW/SE direction only. (11-5)
DECKER ARPT (AUSTIN)-Acft over 3500 lbs use ctn. Const. (4-21)
DETROIT LAKES ARPT-Use strips only. (5-5)
DULUTH ARPT-Use rnwys only. Ctn during ngt landings and take-offs - deer on fld. (7-3)
KENYON ARPT-N/S strip slopes to the N, NE/SW slopes to the NE. (5-9)
MANKATO ARPT-Strips soft during spring thaws. Closed to all multi-engine and heavy single engine acft. (4-1)
MARSHALL ARPT-Newly graded and seeded strips. Use with ctn. Avoid in wet weather. (4-28)
MONTEVIDEO ARPT-Strips muddy when wet. (3-14)
NEW ULM ARPT-E/W strip has 10' hill. Use with ctn. (11-1)
ORTONVILLE ARPT-Temp closed (const). (6-20)
PRINCETON ARPT-Use N/S strip only. (5-12)
ROCHESTER ARPT-Ruts in center of infld bounded by E/W, NE/SW, NW/SE rnwys, mrkd. (7-30)
ST. PAUL ARPT-Use rnwys, taxi strips only. (3-31)
THEIF RIVER FALLS MUN. ARPT-Use rnwys only. Bal fld planted in grain. (4-30)
••TOBY ARPT (ANNANDALE)-Formerly Kentoby Arpt. (5-7) See page 13.
UNIVERSITY OF MINNESOTA ARPT (NEW BRIGHTON)-N end N/S strip rough. (4-3)
VICTORY ARPT (MINNEAPOLIS)-Surplus Acft Sales Center-parked acft.
VIRGINIA ARPT-Rough. (4-1)
WHITNEY MEMORIAL ARPT (ST. CLOUD)-Equip. on fld all hrs. Use N/S strip along E side fld and E'W strip along S side fld. Closed ngts. (7-26)
WOLD CHAMBERLAIN FLD (MINNEAPOLIS)-Foreign Clearing Stn for Musk-Calf Project Flgts. Ltd maintenance facs, no parking facs for Army acft temp. No Army acft fuel avail. except on off. bus. or emerg. Exper horizontal neon lgt installed on fence 300' S of S end N/S rnwy. Heavy acft use rnwys, taxiways only-soft. High intensity rnwy lgts to be in oper along both sides N/S rnwy approx Aug 5. (8-2)
MISSISSIPPI.BASS FLD (LULA)-Landing area rough. (11-13)
COLUMBUS AAF-Use rnwys only.
GREENWOOD ARPT-Use rnwys only-sodded portions soft. (4-29)
GRENADA ARPT-NE'SW rnwy closed. (6-28)
GULFPORT ARPT. MUN.-Avoid flying over area directly off SW corner. Entire sod fld avail. (4-1)
••HAWKINS ARPT (JACKSON)-175' twr rdo stn WSLI approx 4 mi SE perm dismantled. (7-26) Two 115' temp lgtd stacks 1 1/2 mi SE. 136' water tank being erected 3.5 mi SSE (155° true) temp lgtd during const. Large holes adj N taxiway, mrkd. Bndry, obst lgts S bndry of arpt between Rnwys 11, 34 inop (being repaired). No gas avail. mil acft except on orders. (7-22)
[redacted]:JACKSON CO. ARPT (PASCAGOULA)-Trans acft use rnwys only-drainage grills under grass. (5-17)
KEESLER FLD (BILOXI)-Use rnwys only. Floodlgts avail. on req. Ngt opers rstd to acft with 2-way rdo. 20' boom NE corner NE/SW rnwy, mrkd. (4-28)
KEY FLD (MERIDIAN)-Unlgtd 143' stack and 101' tank 1500' NE of fld and in line with approach to Rnwy 22 and take-off path Rnwy 4. Entire fld and surrounding obst unlgtd except rot. bcn, N/S rnwy lgts and a few lgts on the NE/SW rnwy. (5-26)
LAUDERDALE CIVIL ARPT (MERIDIAN)-Cattle on fld. (6-6)
LOUISVILLE ARPT-N 1/3 of strip unusable in wet weather. Ditches near edges of strip. (12-20)
MARKS ARPT-Ctn in wet weather. (2-21)
McCOMB ARPT-West 1/3 of E/W strip unusable. (2-17)
O'KEEFE FLD (NEWTON)-Soft when wet. Low spot 450' N of circle mrkr. (4-24)
TATE ARPT (LELAND)-Soft when wet. (4-24)
TUPELO ARPT-Equip. stakes on fld. (1-2)
YAZOO MUN. ARPT-Use N/S strip only, bal fld soft. (2-17)
[redacted]ACE HIGH ARPT (GALT)-Under const. Use with ctn. N/S strip slopes badly to S.
BUTLER ARPT-NE/SW, NE/SW strips being lengthened, all strips being widened. (2-17)
CHILLICOTHE ARPT, SITE 7, KC-CG-Use sod areas with ctn, numerous washes, ditches, and wheel tracks. Avoid unmrkd ditches SW side SE end of paved rnwy and SE edge NE/SW rnwy SW of CAA weather stn. Keep to paved rnwy and taxi strip when wet. (5-5)
★COLUMBIA-RADIO: Auto. rng monitor. sys installed on W course and comm. July 30.
COLUMBIA ARPT-Heavy student traffic. Ngt flying 3 mi radius fld. Sod at rnwy sides soft when wet. Traffic pattern 800' on down-wind leg. Blinding ceilometer 1000' E of rot. bcn. Equip. on fld days. (6-3)
••GREENVILLE AAF-No lgts or svcg. (8-4) See page 112.
HARRIS FLD (CAPE GIRARDEAU)-Use strips only - parked acft.
INDEPENDENCE ARPT-CLOSED. (3-14)
JEFFERSON CITY ARPT-NE/SW, E/W strips avail. twin-engine acft not exceeding weight of C45, UC78. (4-22)
JOPLIN ARPT-Obst lgts NE end NE/SW runway inop. (2-22)
KANSAS CITY-RADIO: VHF omni-directional rng operating on exper basis. Oper of fac will be interrupted from time to time for adjustments and installation of adtnl equip.
★KANSAS CITY ARPT-RADIO: Bndry mrkr of CAA ILS comm July 30 about 60' N from N end of N/S rnwy, ident 6 dots. Glide path monitored cont. Soon outer mrkr and outer compass lctr will be inop for approx 2 weeks for relctn. (7-3) CAA ILS has low clearance spots or false courses 90° E of front course and 50° W of front course. Middle mrkr temp unmonitored. (7-30) FLD: Avail. mil acft not exceeding 50,000 lbs. Army acft rstd from refueling except in extreme emerg. No. 1 neon lgt lctd approx 90' N of N end of N/S rnwy and green course lgt approx even with N end N/S rnwy operating. Take-offs by lgt acft to the N from E of N/S rnwy prohibited. Obst lgt atop dike and on the extension of centerline of N/S rnwy. Heavy acft use rnwys and taxi strips only. Const immediately N of Term. Bldg-ctn when parking acft this area. 13' lgtd structure lctd 75' W of centerline at S end of N/S rnwy. Levee has been raised to 20' above fld level 200' off S end N/S rnwy, unlgtd. Five 300' twrs being erected 1.1 mi NNE (22° true), temp obst lgtd. (5-28)
KING ARPT (HOUSTON)-Staked for impending const. (4-2)
KIRKSVILLE ARPT, SITE 12, KC-CG-Sod portions fld soft. Heavy acft use N/S rnwy.(4-28)
KRATZ FLD (ST. CHARLES)-Avail. lgt acft only. Use with ctn. (7-14)
LAMBERT FLD-ST. LOUIS ARPT (ST. LOUIS)-RADIO: Middle mrkr of CAA ILS temp unmonitored. Soon outer compass lctr will be inop for about 6 days for relctn. (8-1) FLD: Closed to lcl non-rdo equipped acft and to trans acft without 2-way rdo. Soft off rnwys-avail. lgt acft. SW taxi strip closed. Apron NW corner fld and approach end Rnwy 7 closed. Equip. at intersection Rnwys 6-24, 16-34 days. Port. rnwy lgts on Rnwy 7-25. Const in progress on new rnwy 1500' SE of intersection Rnwys 6-24 and 16-34 thru intersection to approach end Rnwy 7. Const areas lgtd ngts. All Navy facs closed to all trans acft except off. orders and emerg less cross country training. Taxi strip between Rnwys 7-25 and 6-24 under const, mrkd. Grass area W of const to Rnwy 16-34 closed. 550' of approach end Rnwy 7 closed. Apron along hangar line usable-rough. Tetrahedron uncontrollable, unlgtd. (7-25)
MARYSVILLE MUN ARPT-Use strips only. (9-18)
McFARLAND FLYING SERVICE (SPRINGFIELD)-Right traffic all strips. (2-20)

MISSOURI.NEUBEISER OLF (ST. LOUIS)-Use in emerg only (caretaker status-no facs).
ROSECRANS FLD (ST. JOSEPH)-Use rnwys only-sod areas unsafe. Equip. on fld. days. (4-29)
SIKESTON ARPT Use rnwys only-parked acft.
SPRINGFIELD ARPT-Use rnwys, taxi strips only-bal fld rough. Blinding 30 million candle pwr ceilometer in oper on E bndry. (4-29)
TARKIO SITE 10, KC-OH-S 1/3, N/S and E 1/3, E/W strips unsafe heavy acft (soft). (5 5)
VAUGHN ARPT (TRENTON)-1-1/2' ditch each side of strips. (2-26)
MONTANA.BILLINGS-RADIO: About Aug 11, Huntley FM will be comm on E course, 10.5 mi from rng, ident one dash. Spurious signals during tuning. Simultaneously, Nibbe FM will be discont. (7-8)
BILLINGS ARPT-Army acft rstd from refueling except in extreme emerg. (12-26)
★BUTTE-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (7-23)
CHINOOK ARPT-Avoid using when wet. (9-8)
COLUMBUS ARPT-CLOSED (rnwys being resurfaced). (7-22)
★CUT BANK-RADIO: Stn now guards 3105,4495,6210,3117.5 kcs., 116.1,122.1 mcs. (8-2) These data rcvd too late for inclusion on data page.
DEER LODGE ARPT-Equip. on fld. Avail. with ctn. (6-3)
★DILLON-RADIO: Low freq rng stn now guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. (7-31) These data rcvd too late for inclusion on data page. VHF omni-directional rng shut down for an indef. period. (7-26)
★DRUMMOND-RADIO: Stn now guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. (8-1) These data rcvd too late for inclusion on data page.
GREAT FALLS-RADIO: VHF omni directional rng shutdown for an indef period. (7-26)
GREAT FALLS AAF-Rnwy lgts 75' in from outer edge of rnwy shoulders-use 150' center strip. (3-27)
HELENA ARPT-Rnwys rstd to acft under 30,000 lbs. Equip. on fld. Blinding 30 million candle pwr ceilometer 150' W of fld adj middle portion of W bndry. E 200' E/W rnwy closed, mrkd. Right traffic W winds, left traffic E winds. Traffic 600'.
HOT SPRINGS ARPT-Rough-muddy when wet. (12-13)
LEWISTOWN ARPT-Use rnwys only. Rnwy 2-20 being shortened to 6400'. SW 3600' will be discont. (6-29)
LIVINGSTON MUN ARPT, SITE 10, HL-TWIN CITIES-Stn KVRI erecting 50' unlgtd antenna pole atop 300' hill 2.5 mi WNW (288° true). (3-11)
★MILES CITY-RADIO: Low freq rng stn now guards 3105,4495,6210,3117.5 kcs, 116.1,122.1 mcs. (8-4). These data rcvd too late for inclusion on data page. VHF omni-directional rng inop. (7-31)
MILES CITY ARPT-NW and NE floodlgts inop. (5-7)
MISSOULA CO. ARPT-NE/SW rnwy closed. NW/SE rnwy closed to class B 17 or heavier acft. (2-21)
MOORE ARPT-S end N/S strip rough. (7-30)
NIBBE-RADIO: FM on E course of Billings rng will be discont about Aug 11.
POLSON ARPT-Usable with ctn. (7-19)
PONDERA CO. ARPT (CONRAD)-Ctn in wet weather (muddy). (3-31)
POPLAR ARPT-Dangerous when wet. (9-6)
ROUNDUP ARPT-NE 2500' NE/SW strip unsafe-large holes, mrkd. (1 21)
SIDNEY ARPT-Ends of strips in cultivation.
VALLEY CO. ARPT (GLASGOW)-NNE 1000' NNE/SSW rnwy dangerous-avoid using. (9-7)
•NEBRASKA:CLAY CENTER ARPT-Not maintained. (7-28) See page 60.
CLEAR RIDGE ARPT (OMAHA)-Use strips only. (3-10)
CRETE ARPT-Use rnwys only. W 1/2 of E/W rnwy closed. (3-13)
ELGIN ARPT-Haystacks on fld. (3-10)
FREMONT ARPT-Sod areas freshly seeded unsafe for landing or taxiing when wet. (7 2)
GRAND ISLAND AAF-Blinding ceilometer lctd 1000' N of Admin Bldg. (5-8)
HARMON ARPT (KEARNEY)-Ctn in wet weather. (6-9)
HASTINGS ARPT-Use strips only-soft. (5-24)
KEARNEY AAF-RADIO: Army H fac temp inop. (1-21) FLD: No opers office. (3 24)
••LAKESIDE ARPT (FRANKLIN)-ABANDONED. (7-21) See page 60.
LINCOLN ARPT-Private acft taxi and park on ramp S of Admin Bldg-stay clear of Airline traffic. Equip. on fld until approx Aug 16. No NG fuel avail. (7-30)
NEBRASKA:NORTH PLATTE ARPT-Army acft rstd from refueling except in extreme emerg. (10-9)
★OMAHA ARPT RADIO. Voice and ident comm at CAA ILS. See pages 36,38. Lclzr and glide path of CAA ILS flgt-checked. (7-22) FLD: Use rnwys only. Rnwy 17R-35L avail. days only. (4-7)
PENDER ARPT-Extreme ctn during wet weather. Lgt acft only. (2-20)
SCOTTSBLUFF ARPT-Taxi strip in E end fld leading to NE/SW rnwy closed. (7-7)
SIDNEY INT, SITE 50, SL-OH-Use rnwys only, bal fld rough. (4 23)
SIDNEY MUN. ARPT-Sdt in wet weather. Equip. on fld. (6-18)
NEVADA BATTLE MTN FLIGHT STRIP, SITE 35, SF-SL-Shoulders soft when wet. (7-12)
BOULDER CITY ARPT-N edge of SW end NE/SW rnwy soft. Land near center of rnwy.(7-2)
DOUGLAS TAHOE ARPT (MINDEN)-S 700' N/S taxiway closed. (4-2)
FERNLEY INT, SITE 22, SF-SL-Rough with soft areas due to wind erosion, soft sand, mrkd. Avail. days only. (3-11)
GOODSPRINGS RADIO: FM temp inop. (6-19)
HAWTHORNE ARPT-Traffic is 1500' outside of city mi square and 600' alt. Civil acft advised to enter and leave fld by following the main thru hwys and not fly directly over any bldgs. (3-3)
HUMBOLDT INT, SITE 28B, SF-SL-Washes E portion fld dangerous lgt acft, mrkd. (4-5)
LAS VEGAS RADIO. Visual-aural rng operating on test basis - disregard spurious signals.
LAS VEGAS AAF Bndry, rnwy rng lgts in cont ngt oper. Rnwy ctc lgts and neon approach lgts not avail. midngt to 0800 daily. (2-17)
MORMAN MESA INT, SITE 31B, LA-SL-NE end NE/SW strip being extended 600'. Const in progress until approx Aug 9. Sections of the bndry lighting will be in oper during const. (7-15)
TAHOE SKY HARBOR ARPT (ZEPHER COVE)-Trans or inexperienced pilots avoid using. (8-5)
WELLS INT, SITE 46, SF-SL-E/W strip 5700' long with paved rnwy 5500 x 150' and NE/SW strip 3800 x 500' will be comm soon for daytime use only. Lighting consisting of bndry lgts on E, W strip, 6 RPM clear bcn with green course lgts flash. char dash dot dash and lgtd wind cone will be comm at a later date when pwr avail. Equip. along edges of strips. (7 16)
YELLAND FLD (ELY)-Bcn, bndry lgts along N/S rnwy inop. (10-3)
NEW HAMPSHIRE.BOIRE FLD (NASHUA)-Wind sock atop brick hangar indicates wind condition. In calm air conditions take off and land to NW. Unlgtd 34' hangar under const adj to bldgs S border of fld. Rnwy const NW end of fld. Equip. on fld. Use ctn. Bcn oper intermittently. (7-14)
BRATTLEBORO HINSDALE AIRPARK (HINSDALE)-Use only N/S strip unless familiar with fld. (6-4)
CONCORD-RADIO: Rng flgt-checked July 30, courses correctly aligned.
CONCORD ARPT-Lgts Rnwy 3-21 inop. (5-12)
DEAN MEMORIAL ARPT (HAVERHILL)-New strips dangerous when wet. (2-17)
GRENIER FLD (MANCHESTER)-RADIO: Army ILS glide path inop. (7-10)
HOOKSETT LAND & SEAPLANE BASE (HOOKSETT)-Avail. days only. (5-9)
LACONIA ARPT-Safety strips rough. Holes and cave-ins edges E/W rnwy. (4-12)
LAFAYETTE FLD (PORTSMOUTH)-CLOSED (emerg use only). (5-6)
LAKES REGION ARPT (WOLFEBORO)-Turf strip unsafe (flooded areas). (4-7)
NEWPORT ARPT-60' trees N end N/S strip. (10-9)
NEW JERSEY:ATLANTIC CITY-RADIO: Visual-aural rng inop. (6-6)
ATLANTIC CITY ARPT-No acft of a gross weight exceeding 15,000 lbs shall be permitted to use arpt except in cases of emerg. (7-24)
ATLANTIC CITY NAS-Avail. 0800 to sunset. ETA prior to 0800 and after sunset rqrs 24 hrs pervious arrangement with Opers Officer. (12-11)
ATLANTIC OCEAN-Over-water bombing practice approx 40 mi off shore will be conducted at the following positions: lat 39-47-10, long. 73-26-00; lat 39-22-00, long. 73-25-00. This activity has not yet been cleared with Airspace Subcommittee.
★CALCO STACK-RADIO: July 30, LFM comm on NE course of Newark rng, at lat 40-43-00, long. 74-08-21, ident. one dash.
CALDWELL-RADIO: Visual-aural rng will be comm soon at lat 40-50-45, long. 74-23-00.

NEW JERSEY:Freq 109.1 mcs. Ident. "NU" Visual courses: 112°,292°, aural courses: 22°,202° Var. 11°W. Class: VARW. (7-10)
CALDWELL-WRIGHT ARPT-Right traffic when taking off and landing from SW. (4-24)
CAPE MAY CGAS-Closed to trans acft except in emerg (caretaker status-no facs).
COYLE ARPT (CHATSWORTH)-Avail. emerg use only. (3-3)
HADLEY ARPT (NEW BRUNSWICK)-Use only cinder strips in wet weather. (2-27)
LAKE SUSQUEHANNA ARPT (BLAIRSTOWN)-Right traffic when taking off and landing to the SW. (5-16)
LAMBROS SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic for take-offs and landings to the S. (7-18)
LINCOLN PARK ARPT-Right traffic N, NW, NE winds. (5-7)
LITTLE FERRY SEAPLANE BASE-Right traffic when taking off to the S. (1-29)
LYNDHURST-Ben atop N twr Rdo Stn WINS inop. (1-29)
MELLOR-HOWARD SEAPLANE BASE (RIDGEFIELD PARK)-Right traffic when landing to the E. (1-24)
MILLVILLE ARPT-Rnwys incorrectly mrkd. N/S rnwy 18-36 should be 1-19; NE/SW rnwy 4-22 should be 5-23; E/W rnwy 9-27 should be 10-28; NW/SE rnwy 12-30 should be 14-32. Bndry lgts inop. Ctc lgts E/W, N/S rnwy inop. (4-4)
NEWARK-RADIO: Aug 4, rng flgt-checked courses correctly aligned.
NEWARK ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic.(4-23) FLD: To reduce acft noise over Newark residential area and avoid tall bldg section: 1. Increase rate of climb as much as practicable. 2. N-bound or E-bound acft make left turn as soon as practicable in take-off to SW. 3. Make a half left turn as soon as practicable in take-off to W. 4. Make a half right turn as soon as practicable in take-off to N. Pass at least 500' E of gas tanks ltd in Harrison when making a S approach to the N/S rnwy. (9-7) Closed to all acft without 2-way rdo. Landing fee for trans acft now in effect based on weight. All acft must taxi to Registry Office NW side fld and register. E 800' Rnwy 28 rough. Pilots are to make approach for numeral on rnwy. No hangar space for Army acft. 75' lgtd pile driver 1000' W of Rnwy 10 and 300' S of centerline of Rnwy 10. Ditch 12' E on both sides of and parallel to red approach lgts and overrun on Rnwy 6, extending up to green ctc lgts then continuing from Rnwy 6 to E taxi strip and along E side of same for approx 1500'. No maintenance facs mil acft. No aviation fuel avail. to Army acft unless on off. bus. with written orders, opers orders not acceptable. (8-25)
**OCEAN CITY ARPT-Formerly carried as Clarke Arpt. (7-15) See page 88.
OCEAN COUNTY ARPT (BRETON WOODS)-Const on NE/SW strip. (2-25)
RED BANK-Captive meteorological balloon vcnty of Red Bank between 2100 and 0600 daily until Sept. 1. Balloon will be released only when ceiling is 2000' and visibility 5 mi or better. (7-2)
RED BANK ARPT-Closed to acft over 10,000 lbs except by prior fone arrangements. (7-19)
SOMERSET ARPT (SOMERVILLE)-On W take-off start left turn as soon as practicable. On NW take-off make gentle right turn as soon as practicable followed by wide left hand pattern. (3-16)
TARRYTOWN SEAPLANE BASE-Right traffic when landing and taking off during S winds.
TETERBORO AIR TERMINAL (BENDIX)-Const. Pilots using fld do so at their own risk. Rdo rcvrs rqrd all acft using fld. Unsurfaced taxiways rough. 400' min. ceiling with 1 mi visibility authorized for non-scheduled air carrier take-offs under IFR conditions. S taxi strip closed-const. All rnwys being extended. Rnwy 6 avail. with ctn. (7-15)
TRIANGLE ARPT (GLASSBORO)-Strips being graded and fld being enlarged. (7-30)
NEW MEXICO:ALAMOGORDO AAF-RADIO: Army rng inop. (6-6) FLD: Wind tee inop. Closed to all trans acft except on orders from CG, AAF; CG, AMC; or CG, SAC. Acft will not carry passengers not listed on orders to this fld. Opers and svcg avail. 0730 to 1600 Mon thru Fri only. (6-6)
ALBUQUERQUE ARPT-Used by WAA. Avail. only for delivery surplus acft, prospective purchasers of surplus acft or parts, or in emerg. E/W rnwy closed. (4-18)
CARLSBAD ARPT NO. 1-CLOSED (rnwys in need of repairs). (7-7)
★CLOVIS AAF-RADIO: Army rng and twr discont July 26. FLD: No opers office. Emerg landings only ngts. (5-21)
CONDRON FLD-See notice under White Sands Proving Ground, N. M.
CREWS FIELD, SITE 42, EO-PU (RATON)-Avail. days only. (3-18)
**EL MORRO-RADIO: Rng coordinates: lat 35-01-30, long. 108-24-14. (7-2)
ENGLE INT, SITE 10, EO-PU-Unsafe lgt acft-rough. (7-23)
NEW MEXICO.GALLUP ARPT-E/W rnwy closed. (3-18)
GALLUP CITY ARPT-ENE/WSW strip under const. (3-18)
HOBBS AAF-Rnwys 3-21, 12-30 closed. Ltd svcg, maintenance. No maintenance 1630 Fri to 0730 Mon. (3-12)
HOBBS MUN. ARPT-Allway landing area rough. Heavy acft use rnwys only. (3-18)
JUNDT FLD (STRAUSS)-Avoid E 500' E/W strip. Fld soft when wet, dusty when dry. Closed to cross-country acft when wet. S half E/W strip being widened. (5-28)
KIRTLAND FLD (ALBUQUERQUE)-RADIO: CAA ILS lclzr and glide path will be shut down Aug 28, until approx Sept 1, for adjustment and installation work. (7-18) CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-5)
LAS VEGAS ARPT-Use rnwys only, bal fld unsafe. (2-21)
LOS ALAMOS AIRFLD-Closed. Landing permission must be obtained from the Area Mgr. United States Atomic Emergy Comm, Santa Fe, Area, P.O. Box 1539, Santa Fe, N. Mex. (5-15)
LOVINGTON ARPT-Cattle on fld. (9-16)
MAGDALENA MUN. ARPT-Large rocks, holes scattered over strips. Water across strips. Use ctn after rain. (3-18)
OTTO INT, SITE 74, LA-AQ-Unsafe lgt acft-rough. (6-18)
PARKER FLD (RUIDOSO-FT. STANTON)-Cattle on fld. (9-16)
ROSWELL-Inten inst training on Roswell Rdo Rng below, above, and in overcast. Acft inbound to Roswell or operating in vicinity under IFR, contact Roswell Rdo for instructions.
ROSWELL AAF-Ltd parking. (2-16)
SANTA FE ARPT, new-Army acft rstd from refueling except in extreme emerg. (1-15)
TULAROSA ARPT-Use E/W strip only. (9-16)
WHITE SANDS PROVING GROUND-All AAF acft intending to land at Condron Fld, White Sands Proving Ground will be cleared to Biggs Fld, Tex, and will obtain permission and instructions from Biggs Fld Opers before landing at Condron Fld. When Condron Fld is "Arpt of first intended landing", this will be indicated on AAF Form 23 and the above permission and instructions obtained from Biggs Twr by rdo prior to landing. Only acft under pertinent orders or off. bus. with White Sands Project will land at Condron Fld. (10-14)
NEW YORK.AERO LAKE SEAPLANE BASE (KINGSTON)-Right traffic when wind from the N. (5-27)
★ALBANY-RADIO: July 30, rng freq changed to 263 kcs. Flgt-checked. courses correctly aligned. About Aug 12, Round Lake FM will be conim on the N course. 10.2 mi from rng stn, at lat 42-56-30, long. 73-47-20, ident. one dash. Concurrently with the comm of this FM the Saratoga Springs FM on the N course will be deconim. (7-25)
ALBANY ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-22) FLD: Equip. on fld intermittently. 45' mooring mast erected in SW corner arpt, 500' W of N/S rnwy, lgtd. 250' blimp moored to mast until Aug 22. Overall height with blimp 70'. (7-23)
AMSTERDAM ARPT-CLOSED (soft). (4-11)
BATH-H'SPORT ARPT (HAMMONDSPORT)-Right traffic for landings and take-offs to the W. Use strips only-newly seeded sod, slippery when wet. (6-23)
BRIGGS FLD (CARLISLE)-Right traffic pattern in use. (10-15)
BUFFALO-RADIO: Rng-flgt-checked May 30, NE course 4° NW. bear. 226°.
BUFFALO ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-26) FLD: Acft entering and departing Buffalo traffic zone use ctn-new arpt 4000' ESE. Rnwys and taxi strips mrkd with black flags for winter opers. (5-30)
CHEMUNG CO. ARPT (ELMIRA)-Gliding and soaring over fld and vcnty. Lgts on req. Traffic gun front of main hangar during air carrier opers to control lcl traffic and at other times when circumstances make such practices consistent with safety. Reconditioning and resurfacing of rnwys and taxiways. Equip. on fld. Cont. (7-17)
CHRISTIE ARPT-Fld soft. Closed to trans acft. (3-8)
COLUMBIA AIRFLD (VALLEY STREAM)-Closed to all Navy acft except in emerg. (5-13)
★COXSACKIE-RADIO: July 30, FM placed in cont oper on S course of Albany rng at lat 42-22-30, long. 73-49-50, ident two dots three dashes. Flgt-checked July 1, radiation pattern normal.
★DANSVILLE-RADIO: Voice commun. and hourly weather reporting service became avail. 24 hrs daily effect. July 30.

NEW YORK: **EDO ACFT CORPORATION SEAPLANE BASE (COLLEGE POINT)-Lat. 40-47-15, long. 73-51-15. 0.7 WNW on East River. 1 ENE of La Guardia Fld. Factory and Navy use only. Trans. svcg in emerg. only. (8-3)
FLOYD BENNETT FLD NAS (NEW YORK)-Avail. 0800 to sunset. Avail. to transport traffic after sunset upon receipt of 2 hrs prior req of ETA. (5-18)
FLUSHING ARPT-Right traffic on N and NW, wind from 315° to 360°. All turns to left on ground. (3-28)
FORT PLAIN INT, SITE 40A, CV-AZ-Safe for middle weight twin-engine acft. SE 700' NW/SE, SW 300' NE/SW strips soft and rough. Dangerous areas mrkd. (7-7)
FULTON ARPK-Right traffic when landing S and SE. (3-31)
HILTON ARPT-Use rnwys, taxi strips only, bal fld closed. (4-1)
HYLAN FLD (ROCHESTER)-Use strips only-ctn when wet. (5-18)
IDLEWILD-RADIO: Courses aligned by ground check only. (7-23) CAA ILS comm Apr 9, for purposes of pilot training and familiarization only. Hrs of oper: 0830 to 1700 Mon. thru Fri. Serves Rnwy C (ENE/WSW) with approach from WSW. Mag. heading for landing: 72°. Lclzr freq 109.5 mcs, ident. "NY". Glide path freq. 332.6 mcs, angle: 216°. Outer mrkr lctd 5.8 mi from end of Rnwy C, keyed 2 dashes per sec. All acft utilizing this fac must clear with Navy twr at Floyd Bennett Fld. Idlewild Arpt under const and minimum alt permitted during simulated approaches will be 200'. (4-11)
IDLEWILD ARPT-Not yet opened - const. (3-13)
ISLIP-RADIO. Commissioning of VHF rng has been indefinitely postponed. (5-2)
ITHACA ARPT-Right traffic pattern in use. (3-3)
KINGSTON ARPT-Right traffic when wind from S. (5-27)
★LA GUARDIA (NEW YORK)-RADIO: Var. 12° W. Rng courses: 43°,130°,223°,274° (7-7) Twr equipped to transmit on and guard 121.9 mcs. for mobile gnd traffic. (3-25). CAA ILS flgt-checked. Simultaneous voice channel on lclzr comm July 23. Controlled by La Guardia twr for use by La Guardia GCA and Approach Control. Acft transmit to La Guardia GCA or Approach Control on authorized acft transmitting freqs and rcv on 109.9 mcs when desired. (7-25) FLD: ARMY ACFT HAVING OFF. BUS. WITH HQ ATLANTIC DIV ATC FT. TOTTEN, N.Y. SHOULD LAND AT MITCHEL FLD AND USE ATC OPER FACS THAT POINT. CLOSED TO ALL NAVAL ACFT EXCEPT THE FOLLOWING BECAUSE OF HEAVY TRAFFIC AND INSUFFICIENT SVCG FACS: Acft containing personnel on off. bus. with Cmdr Eastern Sea Frontier or Hdqs 3rd Naval District when RON or refueling svcs not rqrd. Acft containing officers of flag rank shall not be forbidden fld. TRANS NAVAL ACFT USE NAS FLOYD BENNETT. 10' high, 40' long obst 190' N of NE/SW rnwy, lgtd. Obst lgts atop lclzr shack approach end Rnwy 22 and end Rnwy 4. 20' lgtd bldgs 300' E of NE end NE/SW rnwy. 40' GCA truck and trailer 500' W of intxn Rnwys 4-22 and 13-31, mrkd. Bowery Bay closed to all types seaplanes or flying boat oper account boring opers to permit westward exten of E/W rnwy. Will be completed approx Jan. 1949. (7-22) Port of New York authority advises that no four-engine acft carrying passengers or cargo shall use Rnwy 18-36 for landings or take-offs. (6-5)
MacARTHUR FLD (ISLIP)-Rnwy 14-32 closed (cable being installed). Acft use ctn-unconventional flight test oper. Equip. on fld days. (7-7)
MASSENA-RADIO: Ctn - visual-aural rng unmonitored. (7-7)
MASSENA-156' twr Rdo Stn WMSA lctd 3 mi SW (232° true) temp lgtd with red lgts on top Upon completion lgtg facs will consist of 300 mm flash. bcn atop and four side lgts; two at 1/3 level, 2 at 2/3 level.
MASSENA ARPT-Use rnwys, taxi strips only-turf rough. (2-21)
**MERCURY ARPT (HAMMONDSPORT)-ABANDONED. (3-28)
MITCHEL FLD (HEMPSTEAD)-RADIO: AACS operated HF/DF stn temp suspended until further notice. (4-24). FLD: Rnwy 18-36 closed. (4-25)
NANTICOKE VALLEY ARPK (MAINE)-Flares avail. in emerg. (3-17)
NASSAU ARPT (HEMPSTEAD)-Fld not maintained. (6-28)
NEW HACKENSACK-RADIO: Rng flgt-checked July 25, courses correctly aligned.
NEW HACKENSACK ARPT-CLOSED. (3-10)
NEW YORK-Each week end, weather permitting, between the hrs of 0900 Sat. and 1600 Sun, Naval acft from NAS N.Y. will conduct live gunnery runs and practice bombing in the following areas over New York Harbor: beginning at lat. 40-36, long. 73-15, to lat. 40-49, long. 72-30; to lat. 40-00, long. 72-30; to lat. 40-00, long. 73-15; thence to point of beginning. (2-6). THIS ACTIVITY HAS NOT YET BEEN CLEARED WITH THE AIR-

NEW YORK: SPACE SUBCOMMITTEE.
NEW YORK-SPECIAL NOTICE-New traffic control procedures entitled "Instrument Flight, New York Metropolitan Area", see page 152, Special Notice.
NEW YORK-SPECIAL NOTICE-All acft operating in the vicinity of Upper Manhattan, New York City, N.Y., avoid flying over or near Lewisohn Stadium, 137th and Amsterdam Ave., between the hrs of 2000 and 2300, June 16 to Aug. 9. Lctn just E of the Hudson River Midway between the NW corner of Central Park, and the E end of the George Washington Bridge. (6-20)
NEW YORK CITY-See Special Notice "Restriction on Flight of AAF Acft in New York City Area".
NIAGARA FALLS ARPT-Use rnwys, taxi strips only-soft spots along edges new E/W rnwy, mrkd days. Grass area S of mid E/W rnwy and E of N/S rnwy closed (tall stakes being driven into sod). Army acft rstd from refueling except in extreme emerg. Obst, rnwy lgts avail. 2100 to 0700. (6-16)
NYACK SEAPLANE BASE-Right traffic on N take-offs. (6-25)
OQUAGA LAKE SEAPLANE BASE-Base lctd at lat 42-03, long. 75-29 is a resort lake during July, Aug, and Sept. resulting in increased activity. Seaplanes using this lake are ctnd to use extreme care while operating in this area. (7-18)
PENN YAN ARPT-Ctn at N/S and E/W intxn. Soft in wet weather. (3-4)
PLEASANTVILLE-RADIO: MH fac operating for test purposes only at lat 41-08-07, long. 73-46-00, freq. 281 kcs, ident. dash dot dash. Class: MHW. (7-19)
RANDALL'S ARPT (MIDDLETOWN)-Fld soft in wet weather. (3-1)
REPUBLIC FLD (FARMINGDALE)-Closed ngts. No lgt facs. (3-3)
RIDGEWAY ARPK (ROCHESTER)-Use rnwys only-extreme ctn in wet weather.(3-27)
ROCHESTER ARPT-Use rnwys only - soft. No hangar space. Equip. on fld days. (2-24)
ROCKLAND ARPT (NEW CITY)-50' unlgtd pole immediate vcnty of arpt. (6-5)
ROME AAF-Traffic alt 1500' MSL. Right traffic pattern Rnwys 6, 33, left traffic pattern Rnwys 10,15,24. Hospital 3/4 mi from Rnwy 28-avoid if possible. Clump of trees 125' to left and 700' from end of Rnwy 24. (4-18)
ROSS ARPK (PULASKI)-Use ctr of rnwys only. Sides soft (4-5)
★RYE-RADIO: MH fac placed in cont oper and comm July 30 at lat. 40-58-28, long. 73-43-11, about 12.6 mi from La Guardia Rng Stn on the NE course. See pages 40, 42. Flgt-checked July 7, oper normal.
SALAMANCA ARPT-SPECIAL NOTICE-The city of Salamanca has passed an ordinance that any person violating traffic pattern, Federal and State regulations subject to a penalty of $100 for each violation. Closed to heavy acft. FLD: Right traffic when taking off and landing into the W. (5-7)
SARANAC LAKE ARPT-Use rnwys, taxi strips only-turf rough. (11-27)
SARATOGA SPRINGS-RADIO: FM will be decomm concurrently with the comm of the Round Lake FM on the N course of the Albany Rng. (7-25)
SCHENECTADY CO. ARPT-Equip. on fld intermittently. Use rnwys only, grass areas soft. (3-26)
SCHOHARIE CO. ARPT (RICHMONDVILLE)-Right traffic when landing to the E. 800' mtn directly N of fld. (5-5)
SCOTT FLD (LANCASTER)-CLOSED. (6-6)
SHAWNEE FLYING SERVICE (NORTH TONAWANDA)-Glider activity, including airplane and auto tow in progress during the summer and autumn months. (6-12)
SHERIDAN ARPT (WILLIAMSVILLE)-E/W rnwy under const-NE/SW avail with ctn. (2-21)
SILVER CREEK ARPT-CLOSED (const)(6-12)
SMITHPORT INC. (UTICA)-Use paved rnwy only. (5-9)
STEWART FLD (NEWBURGH)-No Army acft will be cleared this fld under IFR. (4-4)
SYRACUSE ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (7-23) FLD: About Sept. 1, approach lgt lane will be comm E end E/W rnwy. (7-3)
SYRACUSE MUN. ARPT-Turf areas soft after heavy rains. (6-13)
TONAWANDA ARPT-NE/SW strip rough. Acft land on either side of rnwy. (2-25)

UTICA ARPT-Pipe line installations NE side fld, mrkd. Equip. on fld days. (6-19)
VALLEY AIR PARK (MIDDLEBURG)-Right traffic when landing to NW. New strip under

NEW YORK. con't. Present strip will have equip. on it all summer. (7-7)
WALLINGTON ARPT (SODUS)-Wires S end N/S strip, orchard N end. Equip. on fld. Avail. lgt acft only. Ctn when wet. Avail. days only. (5-29)
WARREN CO. ARPT (GLENS FALLS)-Equip. on fld intermittently days. (5-27)
WATERTOWN-RADIO. Ctn - visual-aural rng unmonitored. (7-7)
WERLE FLD (DUNKIRK)-Scattered ruts on fld, mrkd. (6-19)
WESTCHESTER-RADIO. MH fac operating for test purposes only at lat. 41-04-09, long 73-43-01, freq. 260 kcs, ident. dash dot dot. Class. MHW. (7-19)
WESTCHESTER CO. ARPT (WHITE PLAINS)-RADIO. Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-6)
WINGDALE ARPT-Avail. lgt acft only-rough. (3-21)
ZAHNS AIRFLD (AMITYVILLE)-Right traffic when landing and taking off to the N as P84 Jets are flying from Republic Fld. (5-8)
NORTH CAROLINA. ASHBORO ARPT-220' twr Rdo Stn WGWR being erected 6.5 mi NNE (13° true), temp obst lgtd. (5-14)
ASHEVILLE-RADIO: Ctn-visual-aural rng unmonitored, unattended, and should not be used for navigational purposes.
ASHEVILLE-HENDERSONVILLE ARPT (ASHEVILLE)-No ctc lgts installed on NW/SE rnwy, appch all rnwys with ctn, equip. on fld. No radio facs. (1-7)
ATLANTIC MCAAF-Use in emerg only (caretaker status - no facs)
BALLOON FLD NO. 1 (FORT BRAGG)-CLOSED TO ALL ACFT. No Army maintenance
BOGUE MCAAF-Use in emerg only (caretaker status-no facs).(4-16)
BROOKS ARPT (RED SPRINGS)-NNW/SSE strip soft, rough. (12-6)
BURLINGTON ARPT-N/S strip and all sod area unusable. Use rnwys only. (2-20)
CAP ARPT (RALEIGH)-S 200' N/S strip unusable. SW 1400' NE/SW strip under const (2-10)
CHARLOTTE-RADIO: Soon. rng will be shut down for approx 3 days for conversion to simultaneous fac. (7-14). Stn class will be: SBMLZ-DTV.
CHERRY POINT MCAS-Equip. on rnwys. (6-30)
EDENTON NAS-Use in emerg only (caretaker status-no facs)
ELIZABETH CITY CGAS-Stay on rnwys-shoulders soft,rough. Closed ngts from 1900 to 0700 except on prior arrangement. Civil acft use only in emerg or with prior permission of the CO. Closed to acft exceeding 60,000 lbs gross weight. Rnwy 5-23 closed Equip. on fld. (6-13)
FORT BRAGG-Heavy firing is being conducted in all sections Ft. Bragg danger area up to 20,000' All acft must avoid this area shown on Flight Planning Chart 95 herein Inten training days with rdo control target planes from fld 6 mi due E on N end Pope Field Acft will operate within circle of 4 mi radius from center of fld with max alt of 2000' taking off by catapult, landing by parachute.
GASTONIA MUN. ARPT-Training program consisting of from 2 to 6 acft in progress ngtly during CFR conditions. All flgts conducted below 3000'. (1-29)
**GREENSBORO-HIGH POINT ARPT-No Navy activity. (7-21). See page 94. Use rnwys only (6-20)
HICKORY-RADIO: Ctn - visual-aural rng unmonitored, unattended and should not be used for navigational purposes.
JOSEPHSON ARPK (ASHEVILLE)-Four 181' twrs rdo stn WLOS being erected 0.5 mi NE (35° true), temp lgtd. (6-28)
KINSTON ARPT-Avail. civil acft only in emerg. (11-13)
NEW BERN-RADIO: Visual-aural VHF rng completely shut down for freq. change. (7-10)
*POPE FLD (FT. BRAGG)-RADIO: Army rng coordinates: Lat. 35-07-46, long. 79-00-36. (7-2) AACS oper HF/DF stn temp suspended (4-24). Army rng unreliable; all courses swinging, NW and SE courses too wide on on-course signal. (3-12) FLD: CLOSED TO LIAISON TYPE ACFT WITHOUT 2-WAY RDO - USE AUX FLD 2 MI. S, AT FT. BRAGG. 78 oct. avail. that fld. (1-31)
RALEIGH-DURHAM ARPT-Approach lgt lane operated when conditions of 1000' ceiling or less and/or visibility of 3 miles or less exists and on req. (8-4) ILS and transmitter bldgs 900' from NE end NE/SW rnwy. Glide path unit 400' S centerline and 900' S of SW end NE/SW rnwy. Approach lgts 75' N of S end NE/SW rnwy and extending 1500' from end of rnwy. All obsts mrkd. Use rnwys, taxi strips only. (7-18)
ROANOKE ISLAND ARPT (MANTEO)-Bcn inop. (10-4)

NORTH CAROLINA. ROCKY MOUNT-RADIO: Ctn - visual-aural rng unmonitored, unattended and should not be used for navigational purposes
**ROCKY MOUNT ARPT-24" clear bcn oper upon arrival of acft Rnwy lgts small portable elec lantern avail. 15 min prior to landing See page 94 Bcn temp inop. (7-28)
SEYMOUR-JOHNSON FLD (GOLDSBORO)-Use rnwys only-shoulders soft.
SMITH REYNOLDS ARPT (WINSTON-SALEM)-N/S rnwy lgts very dim. (7-15)
THOMASVILLE ARPT-Ctn-strip rolling. (3-25)
WEEKSVILLE NAF-LTA-Avail. HTA and LTA acft from 0800 to 1630, all other times by prior arrangement with the CO or Operations Office. (7-16)
WILMINGTON-RADIO: Ctn - visual-aural unmonitored, unattended and should not be used for navigational purposes.
North Dakota: BISMARCK-RADIO: 116.1 mc transmitter and rcvr temp inop. (6-18)
BISMARCK ARPT-Use rnwys only. Crash and fire fighting equip. avail 0800 to 1900 only. 12' bldg and trenching opers in vcnty SE end NW/SE rnwy, mrkd. (7-5)
JAMESTOWN-RADIO. Range inop. Unkeyed 1020 cycle signal being cont emitted on carrier freq 344 kcs, except during voice transmissions. (7-16)
JAMESTOWN ARPT-Bcn and wind sock inop. Bndry and obst lgts will be in cont oper during hrs of darkness. (7-15)
PEMBINA INT, SITE 14A, FO-WG-Closed to acft over 5000 lbs. (7-5)
VALLEY CITY ARPT, SITE 71, HL-TWIN CITIES-Entire fld avail. These data revd too late to delete (O) symbol.
OHIO. AKRON ARPT-Use rnwys only. Equip. on fld days. Trans pilots must register in Admin Bldg. on arvl and dptr. Ltd svcg facs only. (5-1)
AKRON-CANTON ARPT-CO. FLD (CANTON)-Use rnwys only. No down-wind taxiing on rnwys. Equip. on fld days. (5-7)
BRECKLING AIR SERVICE (CLEVELAND)-Large ramp under const. (7-24)
BRICKER FLD (BOWLING GREEN)-Use right traffic when landing or taking off to N, W, and SW. (3-1)
BRYAN-DEFIANCE MEMORIAL ARPT (DEFIANCE)-NE/SW rnwy under const. 50 pot torches on E/W rnwy avail. for ngt landings on prior req. (2-26)
CEDAR LAWN ARPT (KENTON)-Use strips only. (6-26)
CHARDON ARPT-Use rnwys only. Soft in spring rainy season (5-13)
CINCINNATI ARPT, INC. (SHARONVILLE)-Taking off to W,SW,S use right traffic pattern. Land with wind tee regardless of wind direction. (11-25)
CLEVELAND-RADIO. VHF omni-directional rng, lat 41-27-00, long. 81-58-17 shut down. (7-22)
CLEVELAND ARPT-Trans pilots must register in Terminal Bldg upon arvl and dptr. Landing fee on all civil multi-engine acft. (6-23)
CLINTON CO. AAF (WILMINGTON)-RADIO: Soon, courses of Army visual-aural rng will be realigned to: 04°,94°,184°,274°. (7-17) FLD: Rnwy lgts avail. on one hrs notice. For flight thru danger area, permission must be obtained from Cincinnati ATC center upon entering or prior to dptr from ATC area. Inten inst training being conducted; for danger area outline see Chart Columbus 63. Balloon 6' diameter, 25' long will be hoisted to 25' MSL before during and after thunderstorms at approx lat 39-11-00, long. 83-47-00. (5-15)
**COLUMBUS-Flashing red bcn flash. 40 times a min. comm July 25, 1947, atop Leveque-Lincoln Bldg, approx 8 mi WSW Port Columbus Arpt-560' above street level or 1320' MSL. (7-25)
DAYTON ARPT-Sod area W Rnwy 18-36 rough-use in emerg only. At ngt and during wet weather use rnwys only. Taxi strip on E side of fld between Rnwy 27 and Airline loading ramp rough. (7-15)
FAIRFIELD-RADIO: Army FM unreliable. (2-17)
**FINDLAY-Large caution area has been estab. approx 7 mi NE within the following described area: beginning at lat. 41-25-00, long. 83-25-00; SSW to lat. 41-07-00, long. 83-35-00; ESE to lat. 40-55-00, long. 82-30-00; NE to lat. 41-03-00, long. 82-26-00; NW to lat. 41-23-00, long. 82-45-00; W to point of Beginning.
GRIESER ARPT (WAUSEON)-Use strips only. (7-3)
GRIMES FLD (URBANA)-Use strips only. Land according to wind tee lctd in center of fld. (3-1)
LAKEVILLE ARPT (CONNEAUT)-Closed to heavy acft, Ctn in wet weather Use strips only. (3-27)
LAKEWOOD ARPK (CINCINNATI)-Right traffic E, left traffic W (2-23)

[redacted]: LANSDOWNE ARPT-Rough-land with ctn. Soft in wet weather. (5-13)
LOCKBOURNE AAB (COLUMBUS)-RADIO: Lclzr of Army ILS inop. (12-30)
FLD: Equip. all rnwys 0800 to 1700 Mon to Sat. until Aug. 31. (6-4)
LORAIN SKYPORT-Trans acft avoid fld in wet weather. (5-13)
LUNKEN ARPT (CINCINNATI)-Fast landing acft use ctn. Slightly rolling section Rnwy 6-24 (3-28)
**MANSFIELD ARPT-Lat. 40-49-00, long. 82-30-15. (4-28). See page 48. Use rnwys, taxi strips only. Equip. on fld (const). Temp 25' pwr line erected along W side fld S of hangar line. (5-2)
MARION ARPT-Use only NE/SW, NW/SE strips W side fld. NE/SW, NW/SE strips extend into cultivated area W end fld. (6-4)
McKINLEY ARPT (CANTON)-80' twr NW corner fld. (4-28)
MEDINA PRICHARD ARPT (MEDINA)-E/W, NE/SW strips closed Land N-S in W portion of sodded fld. Watch where local acft land. (2-3)
MIDDLETOWN ARPT-Right traffic pattern taking off to S,SW and W.
NEWARK ARPT-Guyed derrick 240' above gnd 1/4 mi W on Pure Oil Refinery Property. Eight guy wires will fan out from top of structure. (7-3)
NORWALK ARPT-Ditch N end N/S strip adj to side of road. (7-26)
OHIO STATE UNIVERSTITY ARPT (COLUMBUS)-Const. Trans use rnwys only. (2-26)
PARKS WATSON ARPT (CINCINNATI)-Right traffic in take-offs to E,NE,SE. (3-3)
★PATTERSON FLD (FAIRFIELD)-RADIO: Army rng coordinates: Lat. 39-46-33, long 84-04-54. (7-1) Army ILS (SCS-51) inop. (6-2) FLD: Equip. on fld. Line of telephone poles 50' high near appch Rnwy 34, lgtd. Rnwys 3-21, 7-25 closed; 16-34 only avail. (4-21)
PAULDING ARPT-Soft when wet, land at own discretion. (2-26)
**PERRY INT, SITE 4B, CV-AZ-Bcn, bndry, range, flood and obst lgts oper dusk to dawn. (4-30). See page 48.
**PIQUA ARPT-Port flood and landing strip lgts on prior req. (4-15). See page 50 Temp closed to all trans acft due to repair work on fld. (7-17)
PORT COLUMBUS NAS (COLUMBUS)-RADIO: Compass lctrs at middle and outer mrkr sites of CAA ILS will be comm soon. (7-11) FLD: Use rnwys only-grass areas rough. Glide path and neon approach lgts not operating pending removal of obsts in approach lane. 30' portable twr on Curtiss Wright taxi strip W side fld 800' from E/W rnwy and 800' from NW/SE rnwy until approx Oct. 7 between 0800 and 1700 No fuel for trans mil acft. (7-3)
RAVEN ROCK ARPT (PORTSMOUTH)-Right traffic when landing and taking off in an easterly direction. Left traffic used all other times. (11-6)
REED'S FLD (WATERTOWN)-Acft use ctn in wet weather. (5-13)
SKY HAVEN ARPT (NORTHFIELD)-Ctn when wet. (2-24)
STOMBAUGH ARPT (BRYAN)-Ctn wet weather. Use rnwys only. (2-20)
STOUT FLD (NORTH KINGSVILLE)-E/W strip closed. (6-1)
TAYLORCRAFT ARPT (ALLIANCE)-No rdo. Left hand 800' pattern. Use rnwys only. Unlgtd bldgs entire S bndry fld. Trans pilots rqrd to register in Opers Office upon arvl and prior to dptr. Exper and production test flying immediate vcnty. Land according to wind tee atop NE corner of hangar. Mobile gnd traffic crossing SE end NW/SE rnwy intermittently. Open to trans acft only. (6-23)
**TOLEDO-Large caution area has been estab. approx. 10 mi NE within the following described area: beginning at lat. 41-57-00, long. 83-32-00; SE to lat. 41-42-00; long 83-25-00; SE along the shore to lat. 41-38-00, long. 83-16-00; NW to lat. 41-46-00; long. 83-18-30; NE along the Michigan-Ohio State Line to lat. 41-49-00, long 83-10-00; NW to lat. 42-02-00, long. 83-20-00; SW to point of beginning.
TOLEDO-RADIO: Ctn - VHF omni-directional rng unmonitored. About Aug. 14, weather permitting, N course will be realigned from 174° to 168°. (7-31)
TOLEDO ARPT-Equip. on fld 1500' S intersection. Wind tee free swinging. All sod landings parallel to active rnwy. Maj const extending from E thru SW quad. Sod areas this section closed except for taxiing. Equip. on various sections during const, mrkd. (7-15)
VAN WERT ARPT-Unsafe heavy acft. Lgt acft land with ctn. Soft when wet. (5-1)
WARD ARPT (BEDFORD)-SW end NE/SW strip under const. Strips unusable during [illegible]ws. (3-2)
WELLINGTON-RADIO: Ctn - visual-aural rng unmonitored.
[redacted]: WELLINGTON ARPT-Right traffic on S and SW rnwys. Const N end N/S rnwy Closed during thawing weather, (3-13)
WILLOUGHBY ARPT-New NW/SE strip under const. Use with ctn. (5-13)
WRIGHT FLD (DAYTON)-CLOSED TO ALL TRANS ACFT EXCEPT IN EMERG. All trans Army and Navy acft use Patterson Fld. (3-18)
YOUNGSTOWN-RADIO: Ctn - VHF omni-directional rng unmonitored.
YOUNGSTOWN ARPT-Use rnwys only. Equip. on fld. (3-13)
ZANESVILLE ARPT-Use rnwys, taxi strips only-newly seeded area. Tetrahedron ngts on req only. Hangar const NE portion fld approx 700' NW of NE/SW rnwy, unlgtd. (7-17)
[redacted]: ALTUS AAF-Avail. only for delivery surplus mil acft or in emerg. Equip on and near N/S rnwy. (3-17)
ARDMORE ARPT-Being used by American Airlines. Avail. trans acft in emerg. only No fuel or svcg avail. trans acft-use Ardmore Arpt, Site 10, FV-WD. Inten ctc and inst train. in progress. Use rnwys only. (5-27)
CADDO FLYING SERVICE (FT. COBB)-Use with ctn when wet. (3-9)
CIMARRON FLD (YUKON)-Now a WAA Sales and Sto. Ctr. No svcg, repairs or overngt sto. Planes parked on fld. 4 strips indicated by pylons and mrkrs. Lime mrkings ctr of each strip. (3-17)
COUNTRY CLUB ARPT (OKLA. CITY)-Only N/S, NW/SE strips avail. (3-17)
DELHI ARPT-Wheat being stored in middle of rnwy. (7-22)
GAGE-RADIO: Auto. rng monitor. sys installed, awaiting flgt-check before comm.(7-10)
GREAT SALT PLAINS BOMBING RANGE (JET)-Trans acft land at Enid AAF for permission to use this fld. (6-10)
HATBOX FLD (MUSKOGEE)-Use rnwys only-parked acft.
IDABEL ARPT-Avoid S 1/3 N/S strip after heavy rains. (2-28)
LAWTON ARPT-Obst lgts inop. Bndry, flood lgts on req. (3-17)
MAX WESTHEIMER FLD (NORMAN)-Avail. all acft up to 30,000 lbs day only. Lcl traffic avoid flying over bldg area and corporate limits of Norman. (3-17)
NUCKOLS FLD (OKLA. CITY)-Use rnwys only. (1-14)
OKLAHOMA CITY-RADIO: Soon, rng and voice commun. will be shut down for modernization. (7-25)
POST FLD (FT. SILL)-All except liaison acft use rnwys. (7-18)
ROOSEVELT-RADIO: Ctn - visual-aural rng unmonitored. (4-10)
SHAWNEE ARPT-Use rnwys, taxi strips only. (3-17)
STILLWATER ARPT #1-325' twr Rdo Stn KSPI being erected 4 mi SSE (160° true)(2-20)
TINKER FLD (OKLA. CITY)-RADIO: Army rng unreliable, for homing only. (6-11) FLD: Use rnwys, taxiways only. Stored acft adj rnwys. W ramp congested. 6' obst N end N/S rnwy 100' off center. (6-11)
TULSA ARPT-RADIO: CAA ILS lclsr and glide path will be shut down Sept 8 until Sept. 12, for adjustment and installation. work. (7-18) FLD: Pilots without rdo watch twr lctd SE corner fld for lgt signals. Use rnwys, taxi strips only. (3-25)
★WILL ROGERS FLD (OKLA. CITY)-RADIO: Outer compass lctr comm at the outer
** mrkr site of CAA ILS. ILS flgt-checked. See pages 84,86. Outer mrkr not monitored. (7-22) FLD: Army split type rot. bcn decomm and replaced by standard type 36" green and white rot. bcn. (7-21) Bndry lgts inop-ctc lgts on rnwy in use will burn cont. ngts. All asphalt taxi strips clsd to DC-4 type acft.Use rnwys,taxi strips only.(4-9)
WOODRING FLD (ENID)-Use rnwys only. (8-5)
[redacted]: ★ASTORIA-RADIO: Effect Aug. 1, rng oper by Port of Astoria will be oper only when West Coast Airlines acft in vcnty and will be shut down at all other times except when prior arrangement made for its use. (7-17)
BAKER-RADIO: Rng flgt-checked July 30, courses correctly aligned
BAKER ARPT-Use rnwys only. (5-20)
BEND ARPT (old)-Usable in emerg. (5-2)
COASTWAY SCH OF AERONAUTICS (TILLAMOOK)-Right traffic W takeoffs & landings (3-17)
EUGENE-RADIO: VHF omni-directional rng shut-down for indef. period. (7-26)
**EUGENE ARPT- Two 50' antenna poles erected approx 75' E of Admin. Bldg, obst lgtd. (6-24)
GRANTS PASS ARPT-Ctn when wet-landings to N, take-offs to S-steep grade (6-5)
HOOD RIVER ARPT-Avail. lgt acft. Soft when wet. (3-13)

★[redacted] KLAMATH FALLS-RADIO: Adtnl VHF voice avail. on 111.1 mcs. (7-31) FLD: Rnwy lgts Rnwy 7-25 inop. (2-19)
LEXINGTON ARPT-Right traffic when landing to the E. (4-28)
MAHLON SWEET FLD (EUGENE)-Equip. on fld. Use rnwys only. (5-2)
★MEDFORD-RADIO: Adtnl VHF voice fac avail. on 111.1 mcs. (7-26) Following repairs, courses aligned by gnd-check only. (8-2)
MEDFORD ARPT-RADIO: AACS oper HF/DF stn temp suspended. (4-24). FLD: Use rnwys taxi strips only. Tetrahedron controllable from twr until wind reaches velocity of 10mph. No bndry or flood lgts. No maintenance mil acft. (3-12).
NORTH BEND-RADIO:-MRLZ rng will be comm soon at lat 43-29-19,long 124-13-39,4.6 mi from North Bend Arpt,bear.167°.Freq. 356 kcs. Ident. "NBE". Courses: 77°,167°,257°, 347°. Rng will be operated only when West Coast Airlines acft in vcnty and will be shut down at all other times except when prior arrangement made for its use. West Coast Airlines Opers Office will guard 3105,6210 kcs between 0700 and 1800 PST daily. (8-1)
PENDLETON-High explosive demolition being conducted approx 30 mi NW within the following described area: beginning at a pt. 1 mi W of the Union Pacific RR crossing over the Umatilla river 4.5 mi SW of Hermiston, thence 5.25 mi N, thence 6.5 mi W, thence S to an intersection with the Union Pacific RR at a pt. 6.5 WNW of pt. of beginning.
PORTLAND-RADIO: VHF omni-directional rng comm for test purposes only, with no ident. Not flgt-checked, is unmonitored, and should not be used for navigational purposes. (6-29).
PORTLAND ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-24). FLD: Acft landing this fld must have workable 2-way rdo. Const on Airline ramps and N taxiways. NE taxi strip closed to traffic from ramp to end of Rnwy 20. (7-29)
★REDMOND-RADIO: Adtnl VHF voice avail. on 111.1 mcs. Rcvg fac 122.1 mcs comm Aug 5 These data rcvd too late for inclusion on data page and chart.
ROSEBURG INT. SITE 41A, SF-SA-Unlgtd 100' pole 1200' S, 300' E of bndry. (12-3)
SANTIAM JUNCTION FLIGHT STRIP (IDANHA)-Land to the E, take-off to W. (3-13)
SEASIDE ARPT-Right traffic S takeoffs and landings. (3-17)
SUTHERLIN SKY RANCH ARPT-CLOSED. (6-14)
THE DALLES ARPT-NE/SW rnwy unlgtd. (7-10)
TILLAMOOK NAS-Rot. bcn operates from sunset to sunrise and during IFR conditions. Ctn during low visibility. High terrain surrounds stn in all quadrants. (2-13)
TROUTDALE ARPT-Parked acft. (3-13)
TULANA ARPT (WORDEN)-Soft when wet. Pilots use at own risk. (5-2)
[redacted]: ALLEGHENY CO ARPT (PITTSBURGH)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-17) FLD: N/S rnwy closed. Equip. on fld, mrkd. Closed to non-rdo-equipped acft. Flash. ident. bcn inop. Exten repairs on all rnwys and taxi strips. (7-30).
ALLENTOWN-RADIO: Low freq rng flgt-checked July 29, courses correctly aligned.
ALLENTOWN-BWTHLEHEM ARPT-Areas off rnwys soft in wet weather. Floodlgts Rnwys 9,14,18 inop. 150' twr Rdo Stn WSAN being erected 7 mi S (180° true). (3-20)
BARRETT ARPT (CANADENSIS)-CLOSED (const). (12-18)
BEAVER FALLS-Patterson Heights Arpt 1.5 mi S Beaver Falls is not under const, entirely avail. New fld, Beaver Falls Arpt closed-under const and soft. (3-30)
BETHLEHEM-EASTON ARPT (EASTON)-Right traffic when taking off to SW, W and NW. (1-2)
BLAIR CO. ARPT, SITE 24A, CO-PG (MARTINSBURG)-Use rnwys only. (4-8)
** BROOKVILLE-RADIO: MH fac now manned cont. (8-4). These data rcvd too late for inclusion on data page.
BUTLER-ALAMEDA ARPT (BUTLER)-Pilots avoid hospital area adj arpt. Use right traffic on W take-off. (3-14)
CARLISLE-RADIO: FM will be decomm concurrently with the comm of the New Kingston FM on the W course of Harrisburg rng.
CARLISLE ARPT-NW/SE strip under const. Use ENE/WSW strip only. (3-11)
CECIL-RADIO: Visual and aural FM signals reported in vcnty of Imperial, Pa. (6-15)
CHEMUNG VALLEY ARPT (ATHENS)-Right traffic when taking off or landing to the W and E. 500' Extension E end E/W strip under const. Soft when wet. (3-21)
[redacted]: CLEARFIELD ARPT-Right traffic when landing or taking off to the E, NE and SE. (4-3)
CUB HAVEN ARPT (LOCK HAVEN)-Use rnwys only. Lgt acft may land in grass area immediately S of E/W rnwy-avoid area in wet weather. Pwr lines E. (3-10)
DALEVILLE ARPT-Right traffic used on S to SE take-off.
EMLENTON ARPT-CLOSED. (5-28)
GREATER PITTSBURGH ARPT (PITTSBURGH)-First 500' Rnwy 23 and first 600' Rnwy 14 closed. Ltd transportation. (6-2)
GREEN ACRES ARPT (BEAVER MEADOWS)-Strips soft when wet, use sodded area only. Const N/S rnwy. Use NW/SE, E/W, NE/SW strips. (2-21)
HARRISBURG-RADIO: Aug 8, New Kingston VHF fan mrkr will be comm. Lctd on the W course of Harrisburg rng at lat 40-13-49, long 77-04-44, 10.6 mi from rng. Ident. four dashes. Concurrently with the comm of New Kingston FM, the Carlisle FM will be decomm. (6-4)
HARRISBURG STATE ARPT-RADIO: Twr equipped to transmit on and; guard 121.9 mcs for
** mobile gnd traffic. (6-19) FLD:30-40 million candelpower ceilometer placed in oper by stn WBAS at N end of rnwy 2-20 oper cont. (7-28) Use rnwys only. (3-12)
JOHNSTOWN ARPT-Use rnwys only. Army Reserve Training Sundays. (5-10)
KAISER FLD (BRISTOL)-Rnwy shoulders soft, unsafe for heavy acft during wet weather. Use rnwys only . (3-13)
LANCASTER ARPT-Drain-pipe on both sides NW/SE strip, mrkd-stay between red flags. Sinkhole extreme E end E/W strip-2 holes S end N/S strip, mrkd. (3-12)
LANSDALE ARPT-Right traffic when taking off to the E.(5-7)
MIFFLIN CO. ARPT (REEDSVILLE)-NW/SE strip under const. (5-21)
MILLARD ARPT (ANNVILLE)-Sod area soft-use strips only. (5-12)
MT. POCONO ARPT, SITE 21, BJ-LG-Ruts along extreme SE side NE/SW rnwy. Use ctn when taxiing this area. (3-24)
MT. UNION ARPT-Left traffic 600' pattern. Student training. Land according to wind tee S end fld. Wind sock atop hangar. In wet weather, use only rnwys, taxi strips. (3-13)
MUSTIN FLD NAAS (PHILADELPHIA)-Avail. ngts to pilots familiar with fld and surrounding obst. Others and pilots of transport planes over 9000 lbs use Philadelphia Southwest Arpt for ngt landings and take-offs. Closed to acft 50,000 lbs or over. Left traffic pattern at 1000'. (7-7)
OLD STAR ARPT (LANGHORNE)-CLOSED-do not land. (8-1). These data rcvd too late for Ⓡ symbol.
OLMSTED FLD (MIDDLETOWN)-Ngt landings hazardous. Obsts adj fld. 81' high tension wires across approach zones Rnwys 29,14. Lgtd obsts between Rnwys 29,32, approx 1000' from rnwys. Two 150' obsts right of Rnwy 29, lgtd. Ridges to WSW, ENE 300 to 700' higher than fld. Closed to B-29 opers. Use Rnwys 11,32 for ngt landings. Closed to P-80 oper except in emerg. (7-2).
PHILADELPHIA NORTHEAST ARPT-Use rnwys only. Trans pilots must register in Admin Bldg on arval and dptr. (5-16).
PHILADELPHIA SOUTHWEST ARPT-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (4-14) FLD: Closed to non-rdo-equipped acft except in emerg. Const on fld. Use rnwys only. Use ctn in taxiing. Unlgtd poles approx 20' high across approach to Rnwy 9 approx 1200' W of approach end of rnwy. Other unlgtd poles 45' high in const area W and NW of arpt-clear of approaches. Equip. immediate vcnty of ILS glide path fac days. (7-4)
★PITTSBURGH-RADIO: D/F stn rcvs on the following freqs: 3105,4122.5,4495,4937.5,5572.5 5612.5, 5697.5, 6210 kcs. All data are relayed thru Pittsburgh Commun Stn. Cont oper but bearings on req only. Pilot calls Pittsburgh Rdo and requests DF assistance. Acft communicator will then advise pilot of mag. bear. towards the stn and intervals for making calls. (7-3)
PITTSBURGH-BETTIS ARPT-Right traffic on NE and NW rnwys. (3-14)
PITTSBURGH-BUTLER ARPT (BUTLER)-Land in accordance with wind tee. Wind cone atop hangar for wind direction only. (3-14)
QUAKERTOWN ARPT-Exten training 5 mi radius. (6-9)
READING ARPT-Ridges S and E within 4 mi of fld up to 1200' MSL. Equip. on fld days. (6-20).
STAR VALLEY ARPK (CHARLEROI)-Equip on fld intermittently. Ctn in wet weather.(4-1)
SWATARA VALLEY ARPT (PINE GROVE)-Right traffic for W take-offs and landings.(4-8).

••[redacted] THOMASVILLE ARPT (YORK)-Formerly carried as York Arpt. (5-13) See page 46.
VALLEY FORGE AIRPORT (NORRISTOWN)-E, W, NE/SW strips avail. NW/SE under const. On take-offs to and landings from E or NE use right traffic temp; on W or SW use left traffic. (3-13)
WEST CHESTER ARPT-Strips under const. Right traffic on W and N take-offs. (6-3)
WILKES-BARRE-SCRANTON ARPT-Use rnwys only. (6-4)
WILKES-BARRE-WYOMING VALLEY ARPT-Use rnwys only. Closed ngts. Bndry and obst lgts avail. in emerg or by prior req. 380' rdo twr being erected 7 mi S (170° true). (5-2)
WILLIAMSPORT ARPT-Closed ngts. Rnwy lgts avail. for emerg landings or by prior req. Const S side fld, mrkd. (5-23)
WILLOW GROVE NAS-Closed from official sunset to 0800. (3-14)
WINGS FLD (AMBLER)-Being seeded. Equip. on fld. (3-26)
[redacted]: BERKELEY ARPT-Right traffic for landings and take-offs to the S. (6-23)
CHARLESTOWN NAAS-Closed 1800 to 0700. Flgts desiring landings during closed hrs must notify stn 1 hr prior ETA. Rnwy 4-22 avail. in emerg. Rnwy 12-30 closed-resurfacing. Parking space for overngt acft not avail. Positive two-way commun with twr necessary for all landing acft. Use extreme ctn. (7-15)
GREENE ARPT (PROVIDENCE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (6-7) FLD: Soft spot on turf area S of rnwy intersection, mrkd. During daylgt hrs arpt rstd to acft equipped with at least a functioning 200 to 400 kc rcvr. During hrs of darkness rstd to acft with functioning 2-way rdo. (5-8)
PROVIDENCE-RADIO: Ctn-visual-aural rng unmonitored. (5-21)
[redacted]: AIKEN MUN. ARPT-Race track shown within arpt symbol on Savannah Chart. This has confused inexperienced students flying from other flds who have attempted to land on the race track-ctn. (6-25)
CHARLESTON ARPT-Approach lgt lane operated when conditions of 1000' ceiling or less and/ or visibility of 3 mi or less exists and on req. (8-4)
CLARK FLD (CHARLESTON)-Strips rough. (4-28)
COLUMBIA MUN. ARPT-Use rnwys only. Req pilots avoid pivoting acft on NW end NW/SE rnwy. Small acft parked on ramp front Admin Bldg, mrkd. (7-18)
CONGAREE FLD (COLUMBIA)-NG svcg not yet avail. (3-25)
••FLORENCE ARPT-350' twr of Rdo Stn WJMX erected 5 mi NW (304° true) at lat 34-13-40, long 79-47-58, lgtd. (6-30) Closed ngts (bcn, rnwy, obst lgts inop). (6-30)
GEORGETOWN CO. ARPT-Bcn inop. (4-28)
GREENVILLE AAB-RADIO: Army emerg bcn transmitting homing signal on 1742 kcs. Transmits voice on 4495, 4220 kcs; rcvs on 4495, 4220, 272 kcs. Operates on req to gnd/air stn or twr. (7-30) FLD: Occasional heavy glider traffic. Maintenance 0830 to 1700 only. (7-25).
JENNINGS ARPT (ORANGEBURG)-115' unlgtd derrick 3/4 N. (3-21)
LEXINGTON CO. ARPT (COLUMBIA)-RADIO: Twr inop. (7-10) FLD: Bndry lgts oper
•• only on req and during periods of adverse conditions. (7-26) Control of air traffic discont. (7-26)
MYRTLE BEACH-RADIO: Ctn-visual-aural rng unmonitored, unattended and should not be used for navigational purposes.
MYRTLE BEACH AAF-Inst Training at 1000' and 5000' alts 50 mi radius during IFR. No fuel avail. trans acft except in emerg or on off. bus. with written orders. Trans acft on off. bus. will be given enough fuel to reach first stn between Myrtle Beach and destination (7-31)
PARKS ARPK (MYRTLE BEACH)-Inadequate drainage. Do not land after moderate rain. (8-1)
PARRIS ISLAND MCAS-Use in emerg only (caretaker status-no facs).
★SPARTANBURG MUN ARPT-RADIO: Correct twr freq 317 kcs. This corrects AIRGI Vol. 2, No. 9. (7-28) FLD: Use rnwys, taxi strips only. (5-1)
WOODWARD FLD (CAMDEN)-Use rnwys, taxi strips only-fld tie-downs in this area. No facs for closing flight plans other than fone. Flight plans should be closed with Shaw Fld twr before landing. Closed ngts. (4-28)
[redacted]: ANDERSON ARPT (MITCHELL)-Areas off rnwys soft in wet weather. (3-27)
BELLE FOURCHE ARPT-SE end NW/SE strip rough. Avoid S end N/S strip beyond [redacted] intersection of E/W strip. Loose gravel around new hangars and taxi strip leading to NW/SE strip. All strips soft when wet. (3-27)
BIEDENFELT FLD (FAULKTON)-Hay stacks on fld. Use strips only. (3-27)
••BLACK HILLS ARPT (SPEARFISH)-200' twr of Rdo Stn KDSJ erected 8.5 SE (140° true) at lat 44-22-56.6, long 103-59-44. Alt ground level 4650'. Obst lgtd, type A-3 lgting, flash. 32 times per min. (7-8)
BROOKINGS ARPT-W portion fld soft in wet weather, bal fld usable with ctn. (3-27)
GERONIMO ARPT-Rough and dangerous-unattended. (5-20)
HURON ARPT-Closed to acft exceeding 25,500 lbs. Use black-top rnwys only. Stakes on grass areas. (6-4)
★RAPID CITY AAB-RADIO: Army gnd/air stn WXER now operating on 11,445 kcs CW, in addition to other freqs previously published. (7-26) FLD: Equip. 300' S of E/W rnwy to 700' W of N/S rnwy; equip. lgtd. E/W rnwy closed. (6-4)
SIOUX FALLS MUN APRT-Use rnwys only. Tetrahedron rmvd. Infld rough 100' E of center of NE/SW rnwy, mrkd. (4-8)
[redacted]: BERRY FLD (NASHVILLE)-RADIO: CAA ILS operating without voice. FLD: Use rnwys only-rnwy, taxiway shoulders soft. (1-13)
CHATTANOOGA ARPT-LOVELL FLD-Intermittent dynamiting in stone quarry N bndry fld days. Avoid flying over quarry. (2-27)
CORNELIA FORT ARPK (NASHVILLE)-Landings and take-offs to S use left traffic, to N right traffic. All approaches must be 180° side from 800'. (5-7)
••COVINGTON-Large caution area has been estab. approx 2 mi S within the following described area: beginning at lat 35-33-30, long 89-38-40; SE to lat 35-28-00, long 89-24-00; SW to lat 35-24-40, long 89-32-00; SSW to lat 35-16-00, long 89-46-00; NNE to pt of beginning.
CUMBERLAND FLD (NASHVILLE)-Strips under const.
DYERSBURG-RADIO: Ctn-visual-aural rng unmonitored, unattended and should not be used for navigational purposes.
JACKS CREEK RADIO: Stn ictn mrkr inop. (7-10)
KINGSTON-RADIO: July 10, FM on W course of Knoxville rng shut down until about Aug 10, for relctn to lat 35-47-30, long 84-36-25. (7-30)
LEBANON ARPT-Soft spots in E/W and NE/SW strips near intersection; avoid using after heavy rains and thaws. (11-26)
LENOIR, BCN SITE 13, NA-WA-Will be discont soon and relctd to approx center line of airway Chattanooga chart. (7-17)
••McGHEE-TYSON ARPT (KNOXVILLE)-Rdo Stn WIBK erected 12 mi N (360° true) at lat 35-58-50, long 83-59-12, lgtd (6-27) S taxi strip closed. No parking on ramp front of Admin Bldg any time day or ngt. Army acft rstd from refueling except in extreme emerg. Unlgtd parked acft on parking area and edge of ramp NE of Admin Bldg. Approach lgt lane operated when conditions of 1600' ceiling or less and/or visibility of 3 mi or less exists and on req. (8-4)
McKELLAR ARPT (JACKSON)-Use rnwys only-parked acft.
MEMPHIS-Scheduled night training flights will be conducted in vicinity by trainer type acft Thursdays 1930C to 2230C until further notice. This activity has not yet been cleared with the Airspace Subcommittee.
MEMPHIS ARPT-RADIO: Outer compass lctr of CAA ILS temp inop. (7-24) FLD: Fld badly eroded. Use rnwys only-shoulders soft. Equip on fld. Avail. private acft equipped with fully operating 2-way rdo. Other acft may land by obtaining previous authorization from CAA Inspector. Student instruction in private acft not permitted. Ltd facs. JP-1 fuel avail. only. Traffic will be controlled from twr on N side of fld when wind velocity is 40 mph or less. During periods when wind velocity is in excess of 40 mph, twr and approach control will not be operative on N side fld. At such times, traffic will be controlled by lgt gun from old twr atop terminal bldg S side fld. (7-29)
MEMPHIS FLYING SERVICE-Right traffic N take-offs and landings; left traffic S take-offs and landings. NE/SW, E/W rnwys closed. (2-24)
MEMPHIS NAS-Prior notification rqrd for landings between off. sunset and 0730 except in emerg. Flight plans should be addressed to "MEMPHIS NAVY". Exten flight opers in 15 mi radius. Traffic left at 1000'. Red rot. bcn indicates IFR. Unsafe for acft over 27,000 lbs. Equip. on all rnwys. (7-17)
OUTLAW FLD (CLARKSVILLE)-Avoid bare spots on NE/SW, NW/SE strips during rains and after thaws. Use grass spots only. (1-13)
SMYRNA AAF (NASHVILLE)-RADIO: Army ILS temp inop. (3-7) FLD: Temp inactive - no facs. (6-8).
STEWART FLD (UNION CITY)-Use rnwys only-parked acft.
TRI CITY APRT (BRISTOL)-RADIO: CAA twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. FLD: Army acft rstd from refueling except in extreme emerg. Use rnwys only-rough. Soft when wet. (4-8).

TEXAS: ABILENE-RADIO: Stn guards 3117.5 kcs 2300 to 0700.
ABILENE AIR TERMINAL-E/W rnwy avail. only on permission of control twr (3-13)
ALICE ARPT-Rnwy lgts not visible on final approach. Lgts obscured from air by grass and vegetation. Bcn inop. (6-16)
ANDERSON FLD (EL PASO)-RADIO: Soon CAA ILS lclzr and glide path will be shut down for adjustments and installation work. (7-29)
ARLEDGE FLD-MAIN AIRDROME (STAMFORD)-Use rnwys only. Sod soft after rain. Wind tee removed. Wind socks on N and S hangars. (3-17)
ARLINGTON (MIDWAY) ARPT-NE/SW rnwy unsafe-NW/SE rnwy usable with ctn. Rnwy lgts inop. (3-17)
ASHERTON ARPT-High brush-use strips with ctn. (3-17)
ATLANTA MUN. ARPT-Cattle on fld. (11-15)
AUSTIN-RADIO: About Aug 12, the Lake Travis bone-shaped approach control FM will be comm on the NW course, 8.9 mi, bear. 297°. Will be lctd at lat 30-24, long. 97-51-07. Ident. four dashes. Stn gds 3117.5 kcs 2300 to 0700.
AVENGER FLD (SWEETWATER)-Use rnwys only. (3-21)
BERGSTROM FLD (AUSTIN)-NE/SW, NW/SE rnwys closed. (4-23)
BIGGS FLD (EL PASO)-See notice under White Sands Proving Ground, N.M. (12-26)
BIG SPRING-RADIO: Stn gds 3117.5 kcs 2300 to 0700. (2-27). Auto. rng monitor. sys installed, but not comm.
BROWNSVILLE-RADIO: Commun stn guards 3117.5 kcs during hrs 2400 to 0800. (2-23)
BRUCE FLD (BALLINGER)-Holes in fld-use rnwys only. (3-17)
••CAMP HOOD-Large danger area in vicinity has been revised to the following boundaries: beginning at lat 31-24-00, long. 97-37-45; S to lat 31-07-15; W to long. 97-45-00; S to lat 31-00-00; W to long. 97-54-00; N to lat 31-24-00; E to the point of beginning.
CAMP HOOD LANDING FLD (KILLEEN)-Ngt opers on previous arrangement. Right traffic to N, left to S overhead approach. Equip. near NW/SE rnwy. (1-8)
CHILDRESS-RADIO: Ctn-visual-aural rng unmonitored. (4-10)
CLEBURNE NORTHWEST ARPT-250' twr rdo stn KCLE being erected 1.5 mi NNE (28° true). (2-3)
CLEVELAND-RADIO: Ctn-visual-aural rng unmonitored. (4-23)
CLIFF MAUS FLD (CORPUS CHRISTI)-Use rnwys only. Farming opers in progress 200' E of N/S rnwy and 200' S of E/W rnwy. All acft must have 2-way rdo. (7-30)
COMMERCIAL ARPT (EDINBURG)-Two 250' twrs being erected 2 mi W (273° true). Rdo Stn KCBD erecting three 315' twrs 2.5 mi SE (123° true). (3-24)
CORPUS CHRISTI-RADIO: Commun stn gds 3117.5 kcs between hrs 2300 to 0700. (2-25)
••CUDDIHY FLD (CORPUS CHRISTI)-RADIO: Mun. twr comm. Oper 1230 to 2130 daily except Weds. Lgt gun oper only. (5-23). FLD: Const of 110' oil derrick 0.5 mi ESE completed and obst lgtd. (6-29) Traffic left 600'. Bndry, obst, rnwy lgts and tetrahedron avail. sunset to 2300 only. Use rnwys only-farming opers. (6-16)
CUERO ARPT-In wet weather land as near ramp as possible. Use ramp only in emerg. Center portion fld soft in wet weather. Landings to be made within orange cone bndrys. (3-12)
DALLAS-Extensive night flying by small aircraft up to 1000 ft in vicinity of Hudson Arpt (approx 8 mi NE Love Arpt). This activity has not yet been cleared with the Airspace Subcommittee.
DENTON ARPT-Use N/S rnwy only. (2-21)
DIMMIT COUNTY ARPT (CARRIZO SPRINGS)-Use in emerg only-const. (2-24)
DRAUGHON-MILLER ARPT (TEMPLE)-Use rnwys, taxi strips only. (2-4)
EAST SIDE ARPT (LONGVIEW)-320' rdo twr being erected 3 mi SSW (196° true). (2-25)
ECTOR CO. ARPT (ODESSA)-CLOSED. (7-20)
EGYPT, BCN SITE 13, ZN-HU-Temp inop. (5-12)
ELDORADO ARPT-E/W strip soft in wet weather. (3-17)
ELLINGTON FLD (HOUSTON)-Closed to VHB acft except in emerg. Exten reserve training daily until 1900 Tues and Weds until 2200 under CFR. (6-3)
ENGLISH FLD (AMARILLO)-RADIO: Sept 2, CAA ILS lclzr and glide path will be shut down until approx Sept 6, for adjustments and installation work. (7-18) CAA twr equipped to transmit on and guard 121.9 mcs for mobile ground traffic. (4-18) FLD: Use rnwys, taxi strips only. (3-1) 175' tank being erected 6 mi WSW (255° true). 250' derrick being used during const, lgtd. (4-5)
[redacted]: FAIRCHILDS, BCN SITE 16, ZN-HU-Temp inop. (5-12)
FLORESVILLE, BCN SITE 2, ZN-HU-Temp inop. (5-12)
FORT WORTH AAF-40' trees immediate end Rnwy 35L. (6-12)
FORT WORTH SEAPLANE BASE-Proximity to AAF calls for the use of discretion in circling the Seaplane Base. Traffic patterns are all away from the AAF. Ramps and beaching dollies under const. (1-8)
GARWOOD, BCN SITE 11, ZN-HU-Temp inop. (5-12)
GASKIN FLD (SHERMAN)-Cattle on rnwys-emerg landings only. (3-24)
GILCHRIST ARPT (WICHITA FALLS)-Strips soft when wet. Pumping well approx 500' from NW end NW/SE strip. Use strips only. (3-17)
GRAND PRAIRIE OLF-CLOSED TO ALL TRANS ACFT. (4-8)
GREGG CO. ARPT (LONGVIEW)-NE/SW rnwy unlgtd. (7-15)
GUTHRIE-RADIO: Ctn-visual-aural rng unmonitored. (4-10)
HALLETTSVILLE, BCN SITE 8, ZN-HU-Temp inop. (5-12)
HENSLEY FLD (DALLAS)-Lgt acft operating at 500' pattern alts. Const on rnwys. (4-1).
HICKS FLD (FT. WORTH)-Use strips only-parked acft. (1-2)
HIGHLAND PARK ARPT (DALLAS)-E/W rnwy suitable for lgt plane landing days only. Use rnwys during rainy weather. (1-28)
HOUSTON-RADIO: Auto. rng monitor. device shutdown. Too late for ⓪ symbol.
HOUSTON ARPT-RADIO: Outer mrkr of CAA ILS shut down for installation of compass lctrs. About July 30, ILS lclzr and glide path will be shut down for installation work and adjustments. (7-17) FLD: Use rnwys, taxi strips-ditches parallel E/W, N/S, NW/SE rnwys and N/S taxi strip. Equip. on fld. (4-22)
INTERNATIONAL ARPT (BROWNSVILLE)-RADIO: Compass lctr to be comm about Aug 7 at outer mrkr site of CAA ILS. Aug 5, CAA ILS lclzr and glide path will be shut down until approx Aug 9 for adjustment and installation work. (7-17) FLD: Rnwy 4-22 closed. Use rnwys, taxi strips only. Civil acft may be cleared thru this arpt for foreign flights. Army acft use Kelly Fld. Obst lgts atop 90' antenna poles 3 mi N inop. 180' rdo twr being erected 3 mi SSE (158° true). Six 40' antenna poles 1/4 mi S and 500 yds E of W side fld, lgtd. (6-5)
JEFFERSON CO. ARPT (BEAUMONT)-Rnwy ctc lgts operated on req only. Reqs should be made thru arpt manager or Beaumont Rdo. (6-10)
JOAQUIN-RADIO: Ctn-visual-aural rng unmonitored. (4-10)
JUNCTION-RADIO: Ctn-visual-aural rng unmonitored.
KELLY FLD (SAN ANTONIO)-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Acft on fld. Use rnwys only. 190' lgtd twr const W of Rnwy 14-32. 150' water twr under const 1-1/2 mi SE, not lgtd. (4-16)
KENDLETON, BCN SITE 14, ZN-HU-Temp inop. (5-12)
LAREDO-RADIO: Stn lctn mrkr oper erratic. (6-18)
LAREDO MUN. ARPT-Flight opers from old terminal S end fld discont. Fence const across taxiway leading to bldg. Fence lctd approx 600' E of W end Rnwy 35R and in direct line with regular fence at S end fld. This section no longer included in arpt area. All opers being conducted from new terminal W side fld. Tetrahedron free swinging and will be lgtd upon rdo req. (6-11)
LONE OAK, BCN SITE 5, DL-LV-Temp discont. (9-18)
LOVE FLD (DALLAS)-RADIO: Aug 14, CAA ILS lclzr and glide path will be shut down until approx Aug 18 for adjustments and installation work. (7-18)
MAJORS FLD (GREENVILLE)-All lgts temp inop. (1-3)
MARSHALL ARPT-304' twr being erected 3 mi NW (317° true), lgtd. (2-11)
••MEACHAM FLD (FT. WORTH)-RADIO: Aug 20, CAA ILS glide path and lclzr will be shut down until approx Aug 24 for adjustments and installation work. (7-18) Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-7) FLD: 260' twr of Rdo Stn KWBC 4 mi ESE (115° true), obst lgtd. 285' twr of Rdo Stn KCNC erected 5 mi SE (135° true), obst lgtd. (7-30) In wet weather use rnwys, taxi strips only. Grain elevator 987' MSL, 9100' N of N end N/S rnwy on extended centerline directly on lclzr course. Discontinuance of approach lgt lane on N end N/S rnwy postponed. (7-30)
★MIDLAND ARPT NO. 2-RADIO: Army twr decomm. (7-28)
MONTGOMERY CO. ARPK (CONROE)-Avail. only a cft equipped with landing lgts. (3-17)
NIXON, BCN SITE 4, ZN-HU-Temp inop. (5-12)
ORANGE ARPT-Use NW/SE, E/W strips only. Fld flooded after rains. (3-17)

[redacted]: PALESTINE ARPT-Sod areas usable in dry weather. Circle fld for lgts. (3-17)
PILGRIM, BCN SITE 5, ZN-HU-Temp inop. (5-12)
••PORT LAVACA BCN SITE 6, CR-HU-New site located 9 mi SSW at lat 28-28-01, long. 96-41-11, equipped with 24" clear bcn and red course lgts flash. char (- . -). Old site 6 CR-HU discontinued. (7-30)
POUNDS FLD (TYLER)-Use rnwys only, bal fld rough and unsafe. (2-21)
PYOTE AAF-Rnwys 18-36,7-25 closed. Ltd maintenance, svcg. No maintenance 1700 to 0800 daily or 1700 Fri to 0800 Mon. (7-22)
RANDOLPH FLD (SAN ANTONIO)-Trans acft use E side fld. Rnwy 1-19 unsafe for acft over 10,000 lbs. (6-5)
RAYMONDVILLE INT, SITE 5, JI-FV-Rough. (3-3)
★ROBERT MUELLER ARPT (AUSTIN)-RADIO: July 26, CAA ILS flgt-checked and comm with voice equipped lclzr serving NW/SE rnwy with approach from SE. Transmitter lctd 900' NW of NW end NW/SE rnwy on rnwy centerline extended. Approach bear. 305°. Glide path transmitter 400' NE of rnwy centerline and 750' NW of the SE end of the NW/SE rnwy See page 124. FLD: Acft landing or taking-off on Rnwy 34R use right traffic pattern. Acft landing or taking-off on other rnwys use left traffic pattern. Rnwy 12L-30R closed. Blinding 30 million candle pwr ceilometer 900' N of Admin Bldg. E/W taxi strip NW section fld closed. (5-2)
RUSK CO. ARPT (HENDERSON)-Use rnwys and taxi strips only. (1-30)
SALTILLO, BCN SITE 9, DL-LV-Temp discont. (9-18)
••SAN ANTONIO-Large caution area approx 6 mi E has been redefined within the following described area: beginning at the town of Lockhart at lat 29-53-00, long. 97-41-30; S to the town of Leesville at lat 29-24-00, long. 97-44-00; W to the town of La Vernia at lat 29-21-30, long. 98-06-30; W to lat 29-25-00; long. 98-24-00; N to lat 29-29-00, long. 98-23-40; thence counterclockwise along the arc of a circle with a radius of 1 mi centered at lat 29-30-10, long. 98-23-15, to lat 29-31-00, long. 98-23-20; NE to the town of Kyle at lat 29-59-00, long 97-52-30; ESE to point of beginning.
SAN ANTONIO-Cloud flying on Randolph Fld Radio Range at alts assigned by San Antonio A.T.C. Acft inbound to Randolph Fld or operating in that vicinity under IFR contact Randolph, Alamo or San Antonio Range Stn and adhere to instructions issued by San Antonio A.T.C. Acft outbound from Randolph Fld adhere to instructions issued through Randolph Tower.
SAN ANTONIO ARPT-ALAMO FLD-RADIO: Aug 11, CAA ILS lclzr and glide path will be shut down until approx Aug 15 for adjustments and installation work. (7-17) FLD: Acft arriving after dark rqrd to have 2-way rdo. (2-27)
SAN BENITO, INT, SITE 2, JI-FV-Unlgtd hangar 200' NE bcn twr. (1-22)
SAN MARCOS AAF-Ctn-helicopter and liaison pilot training. (10-15)
SHEPPARD/KELL MUN. ARPT (WICHITA FALLS)-Unlgtd N/S rnwy on W side fld rstd to acft of 450 HP or less. Left traffic on all rnwys, entering at 45° down-wind leg at 800'. (5-28)
SIERRA BLANCA-RADIO: Ctn-visual-aural rng unmonitored, no control facs and without means of remote control. (7-13)
SOUTH PLAINS AAF (LUBBOCK)-Parts of rnwy not visible from twr due to parked acft. Stn sto acft rcvd only between 0800 and 1630 Mon thru Fri. Ltd transportation, no housing messing facs. Closed to all acft except on off. bus. or emerg. (6-23)
STINSON FLD (SAN ANTONIO)-Right traffic Rnwys 9,14,17,22. Left traffic on all other rnwys. Traffic 600' above terrain 1167' MSL. Fld and lighting facs in oper until 2230. Rnwy lgts on demand after 2230. Acft entering Stinson Fld control zone after dark shall be equipped with 2-way rdo. (5-11)
T.C.U. ARPT (FORT WORTH)-Use E/W strip in wet weather. (2-21)
TERRELL, BCN SITE 6, FV-AG-Temp discont. (9-18)
TEXARKANA-Demolition operations are being conducted approx 15 mi SW Texarkana Arpt, 0800 - 1615 daily except Sat and Sun. All acft cautioned to fly above 1500' over this area.
TEXARKANA ARPT-400' unlgtd twr Rdo Stn KCMC being erected 4.5 mi WSW (250° true) (4-22)
VICTORY FLD (VERNON)-Use rnwys only-parked acft. Avail. days only. (12-30)
VIENNA, BCN SITE 10, ZN-HU-Temp inop. (5-12)
••WACO ARPT-7 mi NNE. Closed to all traffic, not maintained. Cattle on fld. (7-31). See [redacted]: page 108.
WHITE FLD (BRADY)-CLOSED. (8-7)
WHITE ROCK ARPT (DALLAS)-520' twr Rdo Stn KIXL-FM being erected 2.2 mi SW (232° true). (6-9)
••WINK ARPT-Rnwy ctc lgts on Rnwys NW/SE, NE/SW, operate on call. (7-30). See pages 106,120. N/S rnwy lgts inop. (7-30)
WOLFE CITY ARPT-Use in emerg only. (2-25)
YATES-RADIO: Soon, MHW fac will be comm on N course of Alamo Rng, 3.36 mi N of rng stn at lat 29-37-42, long. 98-27-48. Freq. 245 kcs, ident. "O". (7-17)
[redacted]: DELTA ARPT-Trans acft use rnwys, taxi strips only. (4-8)
ENTERPRISE INT, SITE 39, LA-SL-CLOSED (rough, soft). (5-29)
HANKSVILLE INT, SITE 54, LA-DV-35' unlgtd pole line 600' S of E portion E/W rnwy. (5-10)
HURRICANE ARPT-Soft when wet. (4-3)
LUCIN INT, SITE 52, SF-SL-Avoid first 1500' E end E/W strip-loose dirt. (8-2). These data rcvd too late for ⓪ symbol.
★MILFORD-RADIO: July 26, CAA Commun Stn moved to new quarters at Milford Arpt. Stn class: BMRLZ-DTV.
MILFORD ARPT, SITE 45, LA-SL-Unlgtd bldgs SE corner fld S of and adj to bcn twr. Bndry lgts temp discont. Course lgts changed to clear. Dirt areas soft. Three 25' poles erected N side of new const on E side fld. (7-8)
••PROVO ARPT-Bcn and rnwy lgts oper sunset to sunrise. (7-28). See page 20. Equip. on ends of rnwys intermittently. (7-28)
ROBERT H. HINCKLEY FLD (OGDEN)-NE/SW rnwy lgts inop. N/S rnwy lgts oper cont during hrs of darkness when twr inop. Equip. E side fld days. (5-21)
SALT LAKE ARPT NO. 2-Use rnwys, taxiways only-shoulders soft. Closed to ngt opers. (4-20)
SALT LAKE CITY-RADIO: Auto. range monitor. sys on N course temp inop. Temp remote monitor. sys which provides cont aural and visual monitor. at control stn recomm on N course. Warning signal not avail. (5-3)
SALT LAKE CITY ARPT NO. 1-Use rnwys, taxi strips only during wet weather account shoulders soft. Right traffic when winds are from S, SE, E. Prevailing wind rnwy lgts operating ngts. (6-18)
••THOMPSON, BCN SITE 60, LA-DV-Comm July 28, 1947, 8 mi SW of Thompson, Utah at lat 38-53-45, long. 109-48-30. Elev 4774', is clear 6 RPM bcn and red course lgts flash. char dash dash. (7-28)
WENDOVER-Ground firing up to 45,000' MSL is being conducted approx 60 mi E, in the Low Flight Strip Area, from 0800 to 1800. See chart 23.
WENDOVER FLD-Obst lgts on mtns N and W of fld inop. No JP-1 or 73 oct avail. (7-23)
[redacted]: BARRE MONTPELIER ARPT-Use rnwys only. (12-31)
BURLINGTON ARPT-Use rnwys only. Parked acft N side E/W taxi strip. (4-3)
LEMMINGTON-COLEBROOK ARPT-Avail. emerg landings only. (5-13)
[redacted]: ALBERTA ARPT-ENE/WSW, NNW/SSE strips rough. Ends and sides mrkd by 12' yellow mrkrs. (5-21)
ALEXANDRIA ARPT-NW/SE rnwy lgtd until 2100 every ngt for 1000'. Approx 1500' of AGA reflectors extending beyond the lgts. (5-28)
ALTAVISTA ARPT-200' NE end of fld unusable in wet weather. (2-4)
BLACKSTONE-RADIO: At intermittent periods, reception on high freqs unreliable (hvy lcl interference). (7-2)
BLACKSTONE ARPT-Unlgtd wind sock installed near inop tetrahedron. NE/SW rnwy avail. full length and 250' wide from NW side of NE/SW rnwy. 5 and 7" rises of concrete 24' wide at seams on SE side NE/SW rnwy, mrkd. 5" rise lctd 450' NE and 7" rise lctd 75' SW of intersection NE/SW and NW/SE rnwys. (8-1)
BYRD FLD (RICHMOND)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (7-16). Middle and outer mrkrs of CAA ILS temp inop pending relctn, concurrently with this relctn, compass lctrs will be installed. Lclzr will remain in oper. (6-9) FLD: Ltd Army svcg facs. Avoid using 1000' rnwy extensions. Rnwy, taxiway shoulders soft. Oper of acft during hrs of darkness rstd to acft equipped with functioning 2-way standard rdo. During daylgt hrs acft shall be equipped with at least functioning rdo rcvr unless exceptions granted by CAA arpt traffic control twr or in emerg. (7-16)

VIRGINIA: CENTRAL ARPT (RICHMOND)-During wet weather use strips only. (1-2)
CHINCOTEAGUE NAAS-Closed 1700 to 0800 except on req with 2 hrs notice. Bcn operates all ngt except during local ngt flying with CFR conditions. Bcn turned on during ngt flying in emerg or on req. IFR flight plans accepted only 0800 to 1630 Mon thru Fri except on holidays and on 2 hrs notice. Fld lighting sys under repair-unreliable. Use rnwys, taxi strips only-soft shoulders and trenches along sides of rnwys and taxi strips. Pilotless rdo-controlled acft operating days Mon thru Fri. Other acft in vcnty proceed with ctn. Rnwy 10-28 closed. Equip. on fld. (7-11)
DAHLGREN NAF PROVING GROUNDS-CLOSED TO ALL (INCLUDING TRANS MIL) ACFT EXCEPT THOSE ON OFF. BUS. OR IN EMERG. Except in emerg or on req (with two hrs notice) fld open only 0730 to 1615 Mon thru Fri inclusive. Off. flights must be cleared thru one of the following: NAS Anacostia, D.C; NAS Patuxent River, Md.; NAS Norfolk, Va. NAS Quonset Point, R.I.; Cape May CGAS, N.J.; Inyokern NAF, Calif.; NAF Torpedo Stn, Newport, R.I.; Naval Acft Factory Philadelphia, Pa.; Cherry Point MCAS, N.C.; Quantico MCAS, Va.; AAF Proving Gnds, Eglin Fld, Valpariso, Fla.; Langley Fld, Va.; Wright Fld Dayton, Ohio; Aberdeen Proving Gnd, Aberdeen, Md.; Lakehurst NAS, N.J. (3-10)
DANVILLE-RADIO: 116.1 mc transmitter and rcvr temp inop. Too late for (1) symbol. (8-4)
DANVILLE ARPT-Rnwy lgts will be operated by INSAC personnel 0800 to 2400. From 2400 to 0800 lgts will be unattended and rnwy nearest in line with wind direction at 2400 will be lgtd. Grassy plots soft when wet, rough when dry. Use only hard surfaced rnwys and taxi strips. Tetrahedron free swinging. (5-26)
EMPORIA ARPT-Fixed tee, wind sock E side fld indicating rnwy in use. (12-26)
**GREAT MACHIPONGO INLET-Large over-water bombing, gunnery, ordinance test and research range has been estab within the following described area: beginning at lat 37-56-45, long. 75-27-30; SE to lat 37-28-00, long. 74-30-00; S to lat 37-00-00; W to long. 75-30-00; N to lat 37-15-00; W to long. 75-47-00; NE to lat 37-35-00, long. 75-35-30; W to long. 75-37-00; NNE to lat 37-45-00, long. 75-32-30; N to lat 37-51-00; NE to point of beginning.
HARCUM ARPT-Use NE/SW strip only between yellow cone mrkrs. (3-31)
HERMITAGE ARPT (RICHMOND)-Right traffic pattern on take-offs and landings in S and SW direction. (7-16)
HOPEWELL ARPT-NE/SW and NW/SE strips under const. (3-21)
LANGLEY FLD-RADIO: AACS oper HF/DF stn temp suspended. (4-24) FLD: Rnwy 2-20 closed. Rnwy 12-30 closed to all 4-engine acft. No svcg for jet type acft avail. except in extreme emerg. No svcg to trans acft except on written orders, opers orders not acceptable-critical fuel shortage. (7-26)
LOVING FLD, SITE 35A, NA-WA (PULASKI)-Observe right traffic for landings from SW on NE/SW rnwy. (4-4)
LYNCHBURG-RADIO: At intermittent periods especially during dry weather rcvg watches on high freqs impaired by pwr noises. (6-17)
MT. VERNON-See Special Notice under District of Columbia.
NORFOLK-RADIO: Ctn-visual-aural rng shut down for indefinite period. (5-8)
NORFOLK ARPT-Const SW end of fld. Tetrahedron unlgtd and uncontrollable. Expect repairs to be completed late in Aug. (7-17)
NORFOLK NAS-EAST FLD-Pilots on S-bound coastal flights inbound IFR between 0700-2400 to NAS Norfolk shall establish rdo otc with Navy Chincoteague Rdo for further clearance instructions from ATC Norfolk. Pilots on N-bound coastal flights inbound IFR between 0700-1900 to NAS Norfolk shall establish otc with Navy Weeksville Rdo for further clearance instructions from ATC Norfolk. Pilots on either S-bound or N-bound coastal flights inbound IFR to NAS Norfolk at other than the above stated hrs otc Norfolk Rdo or Navy Norfolk Twrearliest possible for further clearance instructions. (3-16)
OCEANA NAAS-Facs avail. 0730 to 1600 Mon thru Fri. Ltd facs avail. 1600 to sunset Mon thru Fri and 0730 to sunset Sat and Sun. for essential military flgts only. After sunset emerg landings only. Fld lighting sys under const-unreliable. Soft shoulders and trenches along sides of rnwys and taxi strips. Equip. on fld. (7-8)
ORANGE CO. ARPT-Strips muddy in wet weather. (4-4)
PENINSULA ARPT (HAMPTON)-Right traffic whenever wind conditions require take-offs and landing toward SW (Newport News). Left hand pattern when wind conditions require take-off and landing to NE (Hampton). Traffic direction and pattern indicated by T on roof of hangar. (5-19)
VIRGINIA: PRESTON GLENN ARPT (LYNCHBURG)-RADIO: At intermittent periods especially during dry weather twr rcvg watches on high freqs impaired by pwr noises. (6-17). Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-8) FLD: Use only rnwys during and after wet weather. Two poles 4200' E of E/W rnwy. (2-7)
QUANTICO MCAS-Closed sunset to sunrise except in emerg. (5-8)
RICHMOND-Elko Aux Fld 5 mi E of Byrd Fld is similar in design and layout to Byrd Fld, BUT RNWYS ARE UNSUITABLE FOR LANDING BY ACFT OF ANY TYPE. Care should be taken not to confuse the two flds.
SHENANDOAH ARPT-N/S strip under const. Grading equip. on fld. Soft in wet weather. NE/SW strip mrkd by cone mrkrs. (3-15)
UNIVERSITY OF VIRGINIA ARPT (CHARLOTTESVILLE)-Ctn on E/W strip in wet weather. (3-17)
WINCHESTER ARPT-E end E/W strip rough. Contact Front Royal Radio or circle fld before landing. (3-7)
WOODRUM FLD (ROANOKE)-RADIO: Twr equipped to transmit on and guard 121.9 mcs for mobile gnd traffic. (5-10). FLD: Ext lcl traffic days. Acft landing without establishing rdo commun with twr must conform to local traffic patterns. Observe twr at all times for lgt gun signals especially on base leg and final approach.Clear rnwy immediately after landing. Mil acft utilizing VHF freq should listen for control twr instructions or observe lgt signals from twr in response to their transmissions. All acft departing should determine proper rnwy and taxi route from twr or opers prior to taxiing. Equip. adj all rnwys. (7-22)
WASHINGTON: SPECIAL NOTICE-Benton Co. Danger Area approx 12 mi NW of Pasco is particularly hazardous-all flights avoid. (See Spokane Flight Planning Chart #3, Spokane Sectional and Washington 5 Danger Area Charts).
ARLINGTON AERONAUTICAL SCHOOL ARPT-Unmrkd cable span being erected 11 mi E (78° true). Cable will run N/S between lat 48-13, long. 121-55 on Wheeler Mtn and lat 48-11-30, long. 121-55-00 on Blue Mtn. Cable anchorage levels at approx 2800' on both Mtns and will be approx 1000' above valley floor. Vertical-down-haul will be attached at mid-span terminating at the ground in Jim Creek Valley.Bcn inop. (4-25)
BARRY S SKYHARBOR ARPT (TACOMA)-Right traffic, W take-offs and landings. (3-17)
BELLEVUE AIRFLD (SEATTLE)-Right traffic when landing to S. (3-19)
★BELLINGHAM-RADIO: Stn now gds 3105,4495,6210,3117.5 kcs,116.1,122.1 mcs. (7-31) These data rcvd too late for inclusion on data page.
BELLINGHAM ARPT-Do not taxi off surfaced areas-sodded portions soft. Day traffic controlled by white T center of arpt. (7-30)
BOEING FLD (SEATTLE)-Daylgt CFR opers-lgt acft use mrkd dirt landing strip E side fld adj to main rnwy. Traffic patterns made to E at 1000'. Right traffic when taking off to NE. Flash. amber lgt on twr indicates right pattern in relation to dirt landing strip. All turns, taxiing off or back on dirt area made toward twr. Acft using dirt strip avoid flying over main rnwy or approaches. Watch for air and ground traffic. Lgt gun signals for take-offs and final approaches only. Heavy acft use rnwys, taxi strips. Equip. on fld. All unscheduled acft landing at Boeing Fld must register with County Fld Office, except those who have made other arrangements with fld management. Equip. S of Admin Bldg loading ramp, avoid flagged area. Holes E side main taxiway, N and S of Admin Bldg. (4-4)
BUENA ARPT-Right traffic E take-offs and landings. (3-17)
CLE ELUM ARPT-Right traffic E take-offs and landings. (3-17)
COUNTY-CITY ARPT (PORT TOWNSEND)-Right traffic E take-offs and landings. (3-17)
COUPEVILLE OLF-Closed except in emerg.
EPHRATA ARPT-Wild horses on fld. (7-3)
**EVERETT-RADIO: Rng coordinates: Lat 47-51-19, long. 122-16-08. (6-30)
FELTS FLD (SPOKANE)-Lgt non-rdo equipped acft use mrkd graded area S of main rnwy. Fancher bcn near Felts Fld inop. Take-off and land on sod area before reaching taxiway near center of fld. N side rnwy mrkd. Equip. on fld. (4-22)
KELSO ARPT, SITE 61A, SF-SA-Closed ngts. Days all traffic keep to W of red flags mrkg bndrys. Equip. on fld. (7-17)
KENMORE ARPT (BOTHELL)-Avail. emerg use only-cattle. (9-10)
KITSAP CO. ARPT (BREMERTON)-Lgts inop. (5-12)
L & D SEAPLANE ANCHORAGE (PROSSER)-Ramp washed away. Possible to moor plane to existing boat float. Circle arpt lotd 1 mi N for gas truck or fone Prosser 91114. (8-20)

[redacted]: LONGVIEW SKYHARBOR SEAPLANE ANCHORAGE-Right traffic S takeoffs and landings. (3-17)
MARTIN FLD (COLLEGE PLACE)-Const, equip. on strips. Strip 2500' x 150' S side of fld flagged for landing. Taxi strip adj. Center of fld rough and unsafe for landing. (4-29)
★McCHORD FLD (TACOMA)-RADIO: Army rng courses realigned to: 26°,116°,206°,296°. Stn lctn mrkr comm. Courses flgt-checked, correctly aligned. AACS operated HF/DF stn temp suspended until further notice. (4-24) Army VHF/DF stn will be installed soon. (7-25) Army ILS (CAA type) temp inop. Middle mrkr to be relctd and present equip. will be modified. (3-13) FLD: Use rnwys, taxiways only. Equip. on fld. (12-11)
MT. VERNON OLF-Closed except in emerg. Training use rqrs 24 hrs adv notice thru Whidbey Island NAS. Bcn inop. (3-20)
NELSON RIDGE, SITE 6, SA-HL-Soon bcn will be dismantled and relctd at lat 47-11-30, long. 121-01-42, 1-1/2 mi SE of present lctn. After relctn bcn will be re comm with no change in char. (5-13)
OLYMPIA ARPT-Rot. bcn flash. green and yellow used to warn lcl and trans acft of approach of scheduled transport acft. Bcn turned on five minutes before arvl and turned off upon arvl and landing of acft. (12-7)
PAINE FLD (EVERETT)-Lgts inop. (5-29)
PASCO-See Special Notice (first item under state heading).
PIERSON ARPK (VANCOUVER)-Const. Use N E/W strip only. (3-17)
PULLMAN-MOSCOW REGIONAL ARPT (PULLMAN)-Avail. lgt acft only. (11-26)
PUYALLUP ARPT-Right traffic N takeoffs and landings. (3-17)
S & S AIRSTRIP (PUYALLUP)-Right traffic S takeoffs and landings. (3-17)
SAVAGE FLD (CHENEY)-Moderate soil erosion intermittently. (9-14)
SEATTLE NAS-Single-engine acft approach from Kirkland 1500' descending to 1000' over the stn. Seaplanes approach over Lake Washington from N or S under 200'; landing area lgtd on req between sunset and sunrise. Rnwy 14-32 lgtd 30 minutes prior to arvls and dptrs between sunset and sunrise and on req. Tetrahedron lgtd sunset to sunrise. (5-27)
••SEATTLE-TACOMA ARPT-RADIO: Outer mrkr of CAA ILS now monitored. (7-29) FLD: Bcn, rnwy, etc and appch lgts on req thru Boeing twr, Seattle. (7-29) See page 142. Equip. on fld days. (5-22)
SPRAGUE ARPT-Entire fld rocky-dangerous. Emerg use only. (5-20)
SUNNYSIDE ARPT-Right traffic, S takeoffs and landings. (3-17)
TONASKET ARPT-Right traffic S or SW takeoffs and landings. (3-17)
WALLA WALLA AAF-RADIO: DF stn will be relctd at Spokane AAF soon. (6-16) FLD: No opers office. Equip. on fld days Mon thru Fri. NE/SW rnwy closed 0800 to 1600 Mon thru Fri. (7-30)
WESTPORT ARPT-Driftwood on fld after extremely high tides. (1-2)
WHIDBEY ISLAND NAS-AULT FLD-Bcn operates during IFR and from sunset to sunrise. Warm-up aprons avail. for all rnwys. (4-3)
WILBUR ARPT-Taxiway const W side of strip. (4-25)
••[redacted]: BETHANY, BCN SITE 12, CO-PG-Lctd 2 mi SE decomm July 19,1947. (7-19)
BOLLINGER FLD (CHARLESTON)-Lgts on 240' twr Rdo Stn WKNA .5 mi N inop. (7-28).
ELKINS ARPT-Ctc Elkins Rdo or circle fld before landing. (3-14)
HUNTINGTON ARPT-305' twr Rdo stn WHTN being erected 2.1 mi SSE. (7-4)
LOUIS BENNETT ARPT (WESTON)-Soft spots after continuous heavy rains. (4-10)
SCOTT FLD (BECKLEY)-Use right traffic on N course. (4-7)
WHEELING-RADIO: Ctn-visual-aural rng unmonitored. (4-9)
WHEELING-OHIO CO. ARPT-Air Show Aug 10, beginning at 1330 EST. E/W rnwy will be closed to all acft from 1200 until 1600. (7-30)
[redacted]:CAMP McCOY ARPT-Emerg use only-not maintained. (6-12)
CHAPLIN'S ARPK (PLYMOUTH)-Only E/W strip avail. Will continue for approx 4 mos. (7-7)
CLINTONVILLE ARPT-Equip. on fld extending NW/SE rnwy. Use ctn-observe grade stakes NW corner fld. (7-7)
CURTISS-WRIGHT ARPT (MILWAUKEE)-Closed ngts. (7-7)
EAU CLAIRE MUN. ARPT-Use rnwys only. (7-5)

[redacted]: GEN. MITCHELL FLD (MILWAUKEE)-Equip. on fld days. Right turn procedures rstd to lcly based acft. All acft land according to tetrahedron unless otherwise instructed by twr. All pilots must register in Admin Bldg upon arvl and dptr. Position lgts must be turned on and operating between sunset and sunrise for all flights to and from fld. Ditch extending 150' S of intersection NE/SW, NW/SE rnwys paralleling SE portion NW/SE rnwy for ½ mi. Obst lgt atop 95' chimney SW corner fld inop. Rdo rcvr req for all lcly based acft. NW/SE rnwy and S taxi strip closed until approx Oct 12. (7-12)
GINNOW ARPT (OMRO)-Use strips only. (7-5)
LA CROSSE ARPT-Use rnwys only. (5-23)
MERRILL ARPT-Use rnwys only-soft after heavy rains. (6-3)
MOREY ARPT (MADISON)-Use strips only. (5-19)
RICHLAND FLYING CLUB INC (SEXTONVILLE)-Equip. on fld. (5-5)
SHAWANO ARPT-Soft when wet-use rnwys only. (6-3)
SKY HAVEN ARPT (MILWAUKEE)-Use ctn on S 1/3 portion N/S strip. Stay on strip. (7-1)
STEVENS POINT ARPT-Use rnwys only. (5-23)
THREE LAKES ARPT-Const. (6-13)
TOMAH ARPT-N/S strip under const. Will continue until approx the Fall. (7-7)
TRUAX FLD (MADISON)-Use rnwys only. Grass area 75' wide adj to rnwys rough, bal of grass areas unsafe and rough. Flood lgts and svcg not avail. 2230 to 0700 daily with the exception of Thurs when flood lgts and svcg not avail. after sunset. Three 257' rdo twrs 11 mi S, lat 42-58-45, long. 89-18-58, temp lgtd. During const, remaining 3 rdo twrs obst lgtd top level. (7-13)
WAUPUN ARPT, new-New arpt under const 2 mi WSW Waupun. Closed to trans acft. (7-5)
WINNEBAGO CO. ARPT (OSHKOSH)-Use rnwys only. All traffic left hand, 600' except E and NE which is right traffic 600'. (7-5)
[redacted]: ★ARCHER-RADIO: FM on E leg of Cheyenne low freq rng decomm July 27.
★CHEYENNE-RADIO: VHF omni-directional rng flgt-checked and placed in oper on test basis. Lctd at lat 41-12-42, long. 104-48-24, approx 194°, 4 mi from stn to Cheyenne Arpt. Freq. 112.3 mcs. Ident. "CX". Voice and monitor equip. not installed. Fac will be interrupted from time to time for adjustments and installation of additional equip. Class: VORW. (7-27). Flgt-checked and correctly aligned. About Aug 8, Hillsdale VHF bone-shaped FM will be comm at lat 41-09-30, long. 104-31-30, 16.2 mi E of Cheyenne low freq rng., ident one dash.
★CHEYENNE ARPT-RADIO: July 26, CAA ILS flgt-checked and comm with voice-equipped lclzr. Transmitter lctd 457' W of the W end of the E/W rnwy at lat 41-09-45, long. 104-49-30. Elev 6149' MSL. Direction of approach to the W. Approach course flyable 60 mi at 7200' MSL. Glide path transmitter lctd 922' W of approach end and 400' S of centerline of E/W rnwy. Glide path intersects outer mrkr at 7500' MSL. Point of contact for Douglas DC-3 acft 500' from approach end of rnwy. See page 34. FLD: Equip. on fld days. Lgtd bldg between E/W rnwy and taxi strip, 1000' from E end. (7-7)
JACKSON MUN. ARPT-Cattle on fld intermittently. (6-13)
RAWLINS ARPT-Equip. on rnwys. (4-17)
ROCK SPRINGS MUN. ARPT-Use rnwys, taxiways only, bal fld unsafe-const. Equip. on fld. Lclzr bldg under const 7' above rnwy, 400' W of W end E/W rnwy, mrkd days, unlgtd ngts. Glide path bldg 400' S and 750' from E end E/W rnwy. (7-21)
SHERIDAN CO. ARPT-N/S rnwy unsafe heavy acft. Taxi strips parallel all rnwys except N/S rnwy and terminate at ramp. Equip. on fld intermittently. Ctc Sheridan rdo for fld lgts. (2-6)
WARDWELL FLD (CASPER)-Use rnwys, taxi strips only, bal fld rough. 40' unlgtd pole erected at 30 million candle pwr ceilometer projector 1000' N of hangar. (4-8)
WORLAND ARPT-Strips under const. Equip. on strips days. Use with ctn. (5-21)

INDEX TO FLIGHT PLANNING CHARTS